

**ASSESSMENT OF THE ENVIRONMENTAL IMPACTS  
OF THE HART-MILLER ISLAND  
CONTAINMENT FACILITY**

**TWELFTH ANNUAL DATA REPORT  
AUGUST 1992 - AUGUST 1993**

**SUBMITTED TO  
MARYLAND WATER RESOURCES ADMINISTRATION**

**PREPARED FOR  
MARYLAND PORT ADMINISTRATION**

**BY  
MARYLAND DEPARTMENT OF NATURAL RESOURCES  
TIDEWATER ADMINISTRATION**

**MPA CONTRACT NO. 293644**

**JUNE 1995**

## **FOREWORD**

The twelfth annual data report represents the results of the exterior environmental monitoring of the Hart-Miller Island dredge containment facility conducted from August 1992 through August 1993. This document contains reports from the principal investigators and data printouts from the Resource Monitoring Data Storage System. There is no data from Project I because the scope of work is limited to scientific coordination and data management. This data report serves as a companion document to the associated interpretive report entitled "**The Continuous State Assessment of the Environmental Impacts of Operation of the Hart-Miller Island Containment Facility, Twelfth Annual Exterior Monitoring Interpretive Report**".



## TABLE OF CONTENTS

FORWARD.....	i
TABLE OF CONTENTS.....	ii
LIST OF FIGURES.....	iii
LIST OF TABLES.....	iv
<b>PROJECT II</b>	
PART 1: SEDIMENTARY ENVIRONMENT.....	2
INTRODUCTION.....	2
METHODOLOGY.....	2
FIELD METHODS.....	2
LABORATORY PROCEDURES.....	4
Radiographic Technique.....	4
Textural Analysis.....	4
Trace Metal Analysis.....	5
PART 2: BEACH EROSION STUDY.....	8
INTRODUCTION.....	8
METHODOLOGY.....	8
REFERENCES.....	10
APPENDIX A: Visual and radiographic observations of gravity cores collected on May 10, 1993 (Cruise 29).....	37
<b>PROJECT III</b>	
BENTHIC STUDIES.....	56
<b>PROJECT IV</b>	
ANALYTICAL SERVICES.....	62

## LIST OF FIGURES

### SEDIMENTARY ENVIRONMENT

#### PART 1: SEDIMENTARY ENVIRONMENT

Figure 1-1: The Hart-Miller Island Containment Facility and vicinity with locations of the surficial sediment and core stations sampled during the twelfth year of exterior monitoring.....3

Figure 1-2: Pejrup's (1988) classification of sediment type.....5

#### PART 2: BEACH EROSION STUDY

Figure 2-1: Locations of bench marks and profile lines along the recreational beach between Hart and Miller Islands.....9

### BENTHIC STUDIES

Figure 1: Benthic infaunal and epifaunal sampling station locations at HMI. University of Maryland, Chesapeake Biological Laboratory designations.....59

## LIST OF TABLES

### SEDIMENTARY ENVIRONMENT

#### PART 1: SEDIMENTARY ENVIRONMENT

Table 1-1:	Designations and locations of stations sampled during the twelfth monitoring year.....	11
Table 1-2:	Field descriptions - surficial sediment samples collected on November 4, 1992 (Cruise 28).....	14
Table 1-3:	Field descriptions - surficial sediment samples collected on May 10, 1993 (Cruise 29).....	23
Table 1-4:	Wentworth size nomenclature.....	32

#### PART 2: BEACH EROSION STUDY

Table 2-1:	Distance and elevation data for Hart-Miller Island beach profiles, May 2 & 8, 1991.....	33
Table 2-2:	Distance and elevation data for Hart-Miller Island beach profiles, May 20-21 and June 10, 1992.....	35

### BENTHIC STUDIES

Table 1:	Weather codes for benthic data sheets.....	60
Table 2:	Salinity (0/00), temperature (C), and depth (ft) for the 22 stations on the three collection dates during the Twelfth Year of monitoring studies at HMI.....	61



**The Continuing State Assessment of the Environmental  
Impacts of Construction and Operation of the Hart-Miller  
Island Containment Facility**

**Project II**

**SEDIMENTARY ENVIRONMENT  
TWELFTH YEAR DATA REPORT  
(November 1992 - October 1994)**

**Part 1: Sedimentary Environment**  
James M. Hill, Lamere Hennessee,  
June Park, and Jason J. Shadid

**Part 2: Beach Erosion Study**  
Randall T. Kerhin

**Coastal and Estuarine Geology Program  
Maryland Geological Survey  
2300 St. Paul St.  
Baltimore, MD 21218  
(410) 554-5500**

**File Report 94-10**

**submitted to**

**Tidewater Administration  
Maryland Department of Natural Resources  
Tawes State Office Building  
Annapolis, MD 21041**

**October 1994**

## **PART 1: SEDIMENTARY ENVIRONMENT**

### **INTRODUCTION**

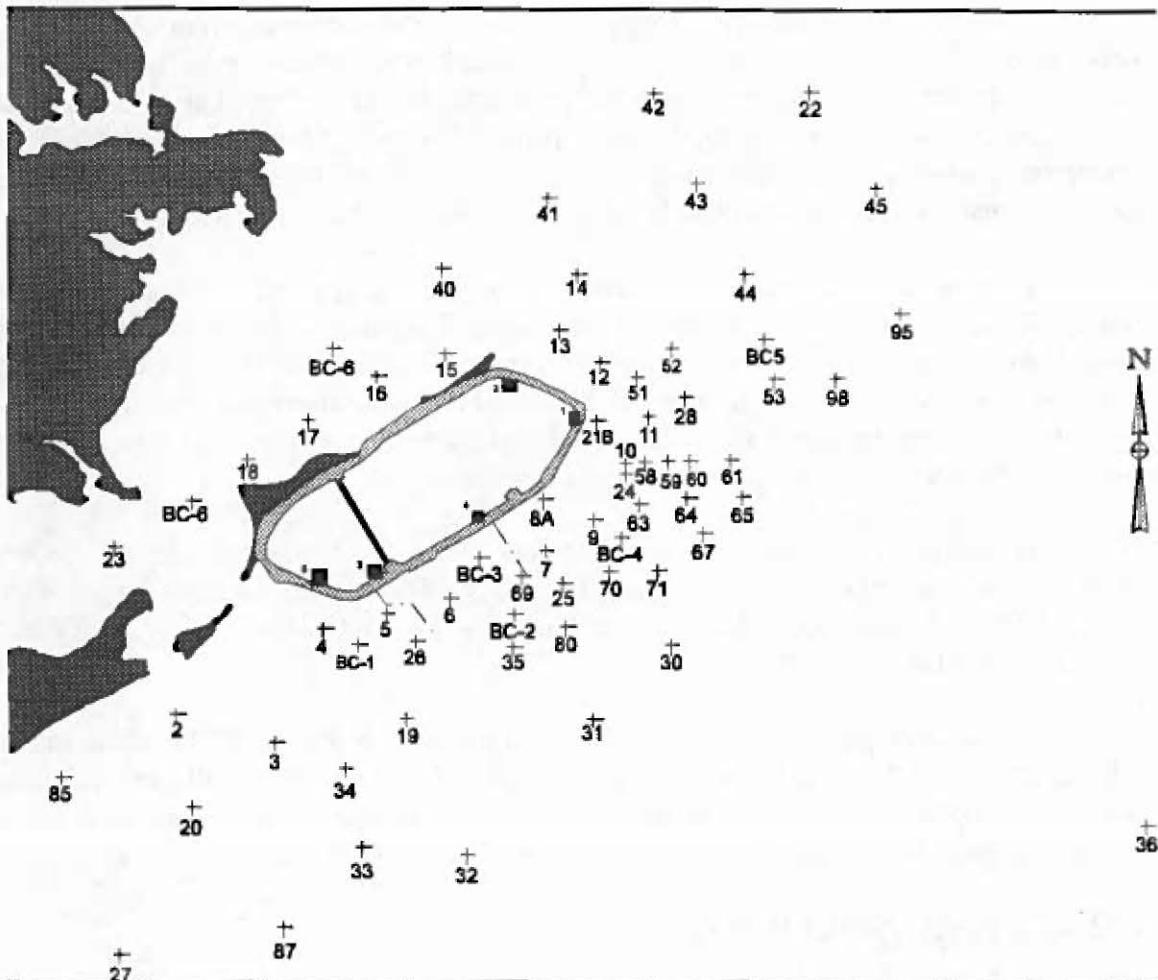
This report partially fulfills the requirements of a contract with the State of Maryland to assess the environmental impacts of construction and operation of the Hart-Miller Island Dredged Material Containment Facility (HMI). The reported data were collected under the Sedimentary Environment Project (Project II) of that contract. One of the primary objectives of the project was to identify the sedimentological and geochemical conditions of the near-surface sediment column in the vicinity of the containment facility.

### **METHODOLOGY**

#### **FIELD METHODS**

The information presented in this report is based on observations and analyses of samples collected on two cruises aboard the R/V Discovery during the twelfth year of monitoring. Sampling sites (Fig. 1-1) were located in the field by means of the LORAN-C navigational system. For the past ten years, the same LORAN X and Y time delays (TD's) have been used to locate the stations that were established during the initial phase of this project. The repeatability of LORAN-C navigation, that is, the ability to return to a location at which a navigation fix has previously been obtained, is affected primarily by seasonal and weather-related changes along the signal transmission path. Data recorded in 1982 from the U.S. Coast Guard Harbor Monitor at Yorktown, Virginia provide an approximate range of repeatable error. That year, variations in the X-lines amounted to 0.256 units and, in the Y-lines, 0.521 units. In the central Chesapeake Bay, one X-TD unit equals approximately 285 m (312 yd) and one Y-TD unit, 156 m (171 yd). Therefore, when a vessel reoccupies an established station in the Bay region, it should be within about 100 m (109 yd) of its original location (Halka, 1987). LORAN-C TD's were converted to 'corrected' latitudes and longitudes (NAD 1927) using a computer program that incorporates the results of a LORAN-C calibration in Chesapeake Bay (Halka, 1987). The LORAN-C TD's, latitude, and longitude for each station are listed in Table 1-1, along with the corresponding Resource Monitoring Database (RESMON) identifier. The algorithm used to calculate the RESMON identifiers changed between the eleventh and twelfth monitoring years, to correct small errors and inconsistencies. Table 1-1 lists both the old and new RESMON identifiers.

Surficial sediment samples were collected in November 1992 (Cruise 28) and May 1993 (Cruise 29). During the ninth year of monitoring, the number of sampling stations was increased in response to the detection of abnormally high Zn levels in sediments near spillway #1 (Hennessee and



**Figure 1-1:** The Hart-Miller Island Containment Facility and vicinity with locations of the surficial sediment and core stations sampled during the twelfth year of exterior monitoring.

Hill, 1992). Sampling sites were added to determine the extent of the area of Zn enrichment and to coincide with benthic sampling stations. The expanded sampling scheme (60-66 locations/cruise) was retained throughout the eleventh monitoring year.

During the twelfth year, the number of stations occupied during each cruise was reduced to 47, based, in part, on output from the 3-D hydrodynamic model of the upper Chesapeake Bay. The 24 stations that had been monitored continuously since dike completion were retained, as were the stations that corresponded to benthic sampling sites. Selection of the remaining stations was based on discharge activity during the months preceding each cruise, coupled with the results of the 3-D model. All of the sites chosen on the basis of the 3-D model had been occupied previously. The same locations sampled in November 1992 were revisited in May 1993.

Undisturbed samples of the upper 8-10 cm of the sediments were obtained with a dip-galvanized Petersen sampler. At least one grab sample was collected at each station and split for textural and trace metal analyses. Triplicate grab samples were collected at seven stations (11, 16, 24, 25, 28, BC3, and BC6). During the May cruise, additional grab samples were taken for organic contaminant analysis at nine stations (23, 24, 25, 28, 30, 34, 36, BC3, and BC6). Upon collection, each sediment sample was described lithologically (Tables 1-2 and 1-3) and subsampled.

Sediment and trace metal subsamples were collected using plastic scoops rinsed with distilled water. These samples were taken several centimeters from the top, below the flocculent layer, and away from the sides of the sampler to avoid possible contamination by the grab sampler. They were placed in 18-oz "Whirl-Pak" bags. Samples designated for textural analysis were stored out of direct sunlight at ambient temperatures. Those intended for trace metal analysis were refrigerated and maintained at 4°C until processing.

Subsamples for organic analysis were collected with an aluminum scoop (also rinsed with distilled water), placed in pre-treated glass jars, and immediately refrigerated. They were delivered to the Maryland Environmental Service (MES) office at the containment facility, then transferred to a private laboratory for analysis.

In May 1993, gravity cores were collected at the seven box core (BC) stations and at stations 12 and 25 (Fig. 1-1). A Benthos gravity corer (Model #2171) fitted with clean cellulose acetate butyrate (CAB) liners, 6.7 cm in diameter, was used. Each core was cut and capped at the sediment-water interface, then refrigerated until it could be x-rayed and processed in the lab.

## LABORATORY PROCEDURES

### Radiographic Technique

Prior to processing, the upper 50 cm of each core were x-rayed at the Maryland Geological Survey, using a TORR-MED x-ray unit (x-ray settings: 90 kv, 5 mas, 30 sec). A negative x-ray image of the core was obtained by xeroradiographic processing. On a negative xeroradiograph, denser objects or materials, such as shells or sand, produce lighter images. Objects of lesser density permit easier penetration of x-rays and, therefore, appear as darker features. The xeroradiographs are reproduced in Appendix A of this report.

Each core was then extruded, split with an electro-osmotic knife, photographed, and described. Visual and radiographic observations of the cores are presented in Appendix A. On the basis of these observations, sediment samples for textural and trace metal analyses were taken at selected intervals from each core.

### Textural Analysis

In the laboratory, subsamples from both the surficial grabs and gravity cores were analyzed for water content and grain size composition (sand-silt-clay content). Values of these four measured physical characteristics - WATER CONTENT, SAND, SILT, and CLAY - are reported in the

**SEDIMENT CHARACTERIZATION DATA** table. In that table, GRAB samples are distinguished from CORE samples in the first column labelled "METHOD". For cores, the columns "FROM CORE RANGE CM." and "TO CORE RANGE CM." indicate the sampled interval within the core, measured in centimeters from the sediment-water interface.

Water content was calculated as the percentage of the water weight to the total weight of the wet sediment:

$$Wc = \frac{Ww}{Wt} \times 100$$

where  $Wc$  = water content (%)  
 $Ww$  = weight of water (g)  
 $Wt$  = weight of wet sediment (g).

Water weight was determined by weighing approximately 25 g of the wet sample, drying the sediment at 65°C, and reweighing it. The difference between total wet weight ( $Wt$ ) and dry weight equals water weight ( $Ww$ ). Bulk density was also determined from water content measurements.

The relative proportions of sand, silt, and clay were determined using the sedimentological procedures described in Kerhin *et al.* (1988). The sediment samples were pre-treated with hydrochloric acid and hydrogen peroxide to remove carbonate and organic matter, respectively. Then the samples were wet sieved through a 62-μm mesh to separate the sand from the mud (silt plus clay) fraction (see Table 1-4 for the definitions of sand, silt, and clay). The finer fraction was analyzed using the pipette method to determine the silt and clay components (Blatt *et al.*, 1980). Each fraction was weighed; percent sand, silt, and clay were determined; and the sediments were categorized according to Pejrup's (1988) classification (Fig. 1-2).

### Trace Metal Analysis

Sediment solids were analyzed for six trace metals - iron (Fe), manganese (Mn), zinc (Zn), copper (Cu), chromium (Cr), and nickel (Ni). These metals are particularly useful in interpreting geochemical trends (see Sinex and Helz, 1981; Kerhin *et al.*, 1982). Trace metal concentrations were determined using a microwave digestion technique, followed by analysis of the digestate on an Inductively Coupled Argon Plasma unit (ICAP).

Microwave digestion of the samples has several advantages over other digestion methods:

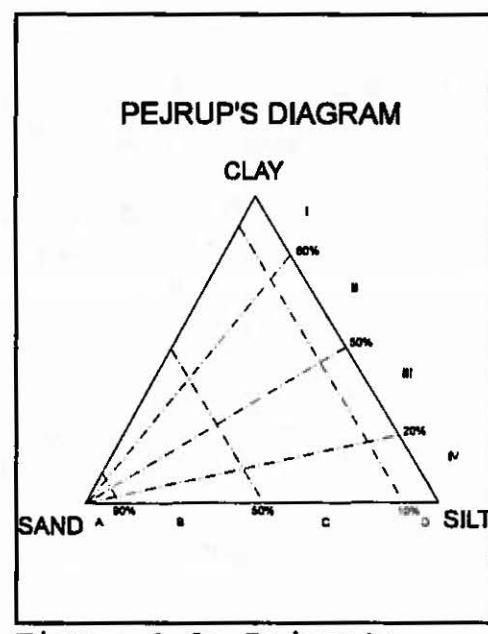


Figure 1-2: Pejrup's (1988) classification of sediment type.

1. The system is sealed, so no volatile elements are lost.
2. Compared to strong acid reflux methods, microwave digestion is rapid (on the order of minutes as opposed to hours).
3. Samples must be weighed accurately, but not to precisely defined target weights, as in fusion methods.
4. Only acids are used. No flux is required, as in fusion, so additional sources of contamination are minimized. Also, in using an ICAP, as opposed to an atomic absorption spectrophotometer (AA), matrix modifiers are not required, further reducing sources of error.
5. Recovery of the metals of interest is as good as or better than other digestion methods.

The steps in microwave digestion, modified from EPA Method #3051 (Soil Sample Digestion Procedure for Floyd Digestion Vessels), are outlined below:

1. Samples were homogenized in the "Whirl-Pak" bags in which they were stored and refrigerated (4°C).
2. Approximately 10 g of wet sample were transferred to Teflon evaporating dishes and dried overnight at 105-110°C.
3. Dried samples were then hand-ground with an agate mortar and pestle, powdered in a ball mill, and stored in "Whirl-Pak" bags.
4.  $0.5000 \pm 0.0005$  g of dried, ground sample was weighed and transferred to a Teflon digestion vessel.
5. 2.5 ml concentrated HNO<sub>3</sub> (trace metal grade), 7.5 ml concentrated HCl (trace metal grade), and 1 ml ultra-pure water were added to the Teflon vessel.
6. The vessel was capped with a Teflon seal, and the cap was hand tightened. Between four and twelve vessels were placed in the microwave carousel. (Preparation blanks were made by using 0.5 ml of high purity water plus the acids used in Step 5.)
7. Samples were irradiated using programmed steps appropriate for the number of samples in the carousel. These steps have been optimized based on pressure and percent power. The samples were brought to a temperature of 175°C in 5.5 minutes, then maintained between 175-180°C for 9.5 minutes. (The pressure during this time peaks at approximately 6 atm for most samples.)

8. Vessels were cooled to room temperature and uncapped. The contents were transferred to a 100 ml volumetric flask, and high purity water was added to bring the volume to 100 ml. The dissolved samples were transferred to polyethylene bottles and stored for analysis.
9. The samples were analyzed.

Samples were analyzed using a Thermo Jarrel-Ash Atom-Scan 25 sequential ICAP. The wavelengths and conditions selected for the elements of interest were determined using digested bottom sediments from the vicinity of Hart-Miller Island and standard reference materials from the National Institute of Standards and Technology (#1646 - Estuarine Sediment; #2704 - Buffalo River Sediment) and the National Research Council of Canada (PACS-1 - Marine Sediment).

The wavelengths and conditions were optimized for the expected metal levels and the sample matrix. Quality control was maintained by routinely including blanks, replicates and standard reference materials in the analysis. Blanks were run every 20 samples; one sample in every ten was replicated; and a standard reference material was analyzed after every ten samples.

Trace metal concentrations of surficial samples and core subsamples are reported in the SEDIMENT CHEMISTRY DATA table. In the table, the names of the variables measured using the methods described above are: TOTAL CHROMIUM (Method 181), TOTAL NICKEL (Method 185), TOTAL IRON (Method 183), TOTAL MANGANESE (Method 184), TOTAL ZINC (Method 186), and TOTAL COPPER (Method 182). Again, GRAB samples are distinguished from CORE samples in the first column labelled "METHOD". For cores, the columns "FROM CORE RANGE CM." and "TO CORE RANGE CM." indicate the sampled interval within the core, measured in centimeters from the sediment-water interface.

## **PART 2: BEACH EROSION STUDY**

### **INTRODUCTION**

Since the spring of 1983, the Maryland Geological Survey has been assessing the erosional problems affecting the recreational beach between Hart and Miller Islands. This year, the primary objectives of the study were to determine net sediment loss from the beach and to identify areas in which sediment was eroding or accreting.

### **METHODOLOGY**

Ten profile lines were surveyed along the recreational beach to assess the changes occurring from the center line of the dike roadway to approximately 30 ft offshore (Fig. 2-1). The ten lines were surveyed twice during the study year: May 1991 and May/June 1992.

Profile elevations were transferred directly from Maryland Port Administration (MPA) bench mark number 281614 (elevation = 14.57 ft MLW), located approximately 22 ft east of the center line of the dike roadway at station 30+00, and from bench marks established along the chain link fence by the Great Lakes Dredging Company (Fig. 2-1).

Initially, the location of each profile station along the center line of the dike roadway was established as described in Hennesee *et al.* (1990). During subsequent surveys, the center line of the dike roadway was located by measuring 13 ft east of the chain link fence with a fiberglass tape. An automatic level was set up along the center line of the dike roadway. The level was then aligned with the orange marks painted on the fence from earlier surveys. Alignment of the level with the orange marks ensured repeatability in measuring the same azimuth down the profile as earlier surveys.

Through May 1989, profiles were measured from the center line of the dike roadway downslope in 50 ft increments and at obvious changes in elevation. The water line and elevations below mean low water were also recorded. By September 1989, the area between the chain link fence and the snow fence was stabilized with two berms, drainage ditches, and vegetation. The area between the chain link fence and the snow fence was eliminated from subsequent profiling sessions. Elevations were transferred from the center line of the roadway to wooden stakes placed several feet bayward of the snow fence. The transfer of elevations was necessary to reduce or eliminate elevation recording errors introduced by the stadia rod's bending in the wind.

Distance and elevation data from the two surveys conducted during the monitoring year are tabulated in Tables 2-1 and 2-2.

## HAWK COVE

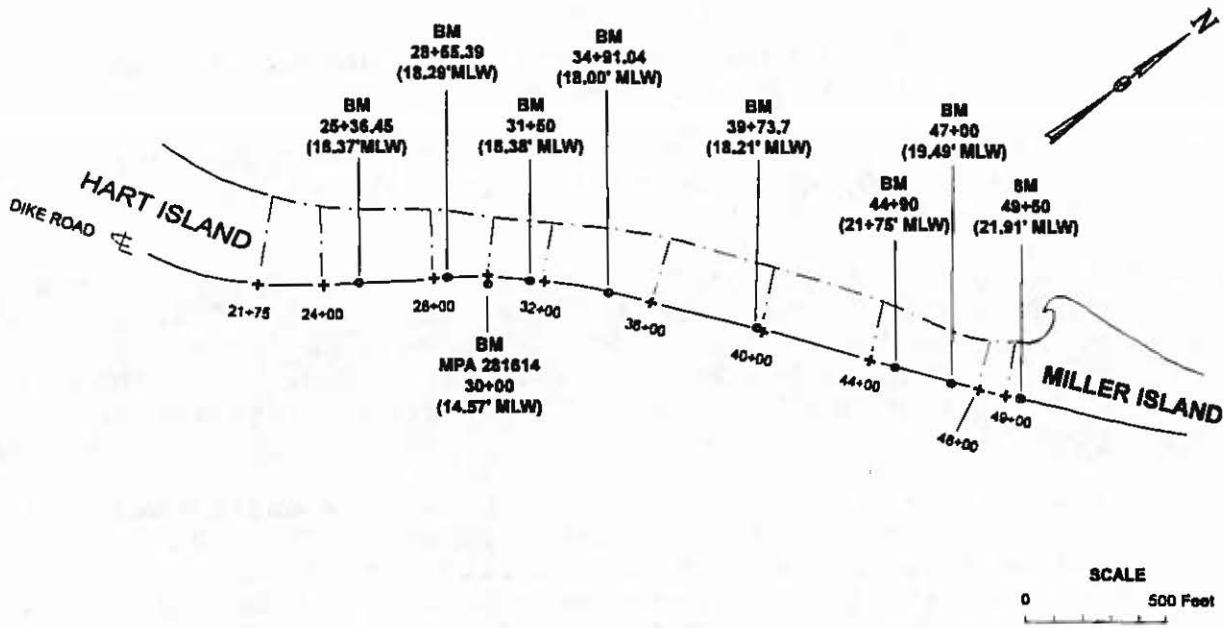


Figure 2-1: Locations of bench marks and profile lines along the recreational beach between Hart and Miller Islands.

## REFERENCES

- Blatt, H., Middleton, G., and Murray, R., 1980, Origin of Sedimentary Rocks: Englewood Cliffs, NJ, Prentice-Hall, Inc., 782 p.
- Folk, R.L., 1974, Petrology of Sedimentary Rocks: Austin, TX, Hemphill Publishing Co., 182 p.
- Halka, J.P., 1987, LORAN-C Calibration in Chesapeake Bay: Baltimore, MD, Maryland Geol. Survey Report of Investigations No. 47, 34 p.
- Hennessee, L., Cuthbertson, R., and Hill, J., 1990, Sedimentary environment, in Assessment of the Environmental Impacts of the Hart and Miller Islands Containment Facility: 7<sup>th</sup> Annual Interpretive Report, Aug. '87 - Aug. '88: Annapolis, MD, Maryland Dept. of Natural Resources, Tidewater Admin., p. 29-143.
- Hennessee, L., and Hill, J., 1992, Sedimentary environment, in Assessment of the Environmental Impacts of the Hart and Miller Islands Containment Facility: 9<sup>th</sup> Annual Interpretive Report, Aug. '89 - Aug. '90: Annapolis, MD, Maryland Dept. of Natural Resources, Tidewater Admin., p. 13-45.
- Kerhin, R.T., Halka, J.P., Wells, D.V., Hennessee, E.L., Blakeslee, P.J., Zoltan, N., and Cuthbertson, R.H., 1988, The Surficial Sediments of Chesapeake Bay, Maryland: Physical Characteristics and Sediment Budget: Baltimore, MD, Maryland Geol. Survey Report of Investigations No. 48, 82 p.
- Kerhin, R.T., Reinharz, E., and Hill, J., 1982, Sedimentary environment, in Historical Summary of Environmental Data for the Area of the Hart and Miller Islands in Maryland: Hart and Miller Islands Special Report No. 1: Shady Side, MD, Chesapeake Research Consortium, p. 10-30.
- Pejrup, M., 1988, The triangular diagram used for classification of estuarine sediments: a new approach, in de Boer, P.L., van Gelder, A., and Nio, S.D., eds., Tide-Influenced Sedimentary Environments and Facies: Dordrecht, Holland, D. Reidel Publishing Co., p. 289-300.
- Rock-Color Chart Committee, 1984, Rock Color Chart, Geological Society of America: Boulder, Colorado
- Sinex, S.A., and Helz, G.R., 1981, Regional geochemistry of trace metals in Chesapeake Bay sediments, Environ. Geology, v. 3, p. 315-323.

Table 1-1: Designations and locations of stations sampled during the twelfth monitoring year.

*NAD27 See Page 2!*

MGS	RESMON #	Loran - C Time Delays			Latitude			Longitude		
		Id. #	Old	New	X	Y	(deg, min, sec)	(deg, min, sec)		
2	XIF3638	EIF3563	27640.8	42888.1	39 13	32.2	76 23	43.8		
3	XIF3420	EIF3430	27636.5	42886.5	39 13	21.7	76 22	58.1		
4	XIF4126	EIF4174	27637.3	42895.6	39 14	5.4	76 22	35.5		
5	XIF4221	EIF4279	27635.4	42897	39 14	10.8	76 22	7.9		
6	XIF4317	EIF4384	27633.4	42898.5	39 14	16.6	76 21	38.9		
7	XIF4609	EIF4691	27631	42902.6	39 14	34.5	76 20	56		
8A	XIF5009	EIF4990	27632.3	42906.5	39 14	53.8	76 20	57.7		
9	XIF4806	EIF4894	27629.9	42905.2	39 14	46.1	76 20	33.9		
10	XIF5203	EIF5197	27630	42909.7	39 15	7.6	76 20	19.3		
11	XIF5501	EIF5499	27630.2	42913.4	39 15	25.3	76 20	8.7		
12	XIF5805	EIF5895	27633.3	42917.4	39 15	46.3	76 20	31.2		
13	XIF6008	EIF6092	27635.5	42919.7	39 15	58.6	76 20	49.1		
14	XIF6407	EIF6393	27636.1	42924	39 16	19.5	76 20	41		
15	XIF5917	EIF5883	27639.2	42917.2	39 15	49.1	76 21	41.7		
16	XIF5722	EIF5778	27641.1	42914.9	39 15	39.5	76 22	12.4		
17	XIF5427	EIF5473	27642.6	42911.4	39 15	23.8	76 22	42.7		
18	XIF5232	EIF5268	27643.9	42908	39 15	8.6	76 23	10.2		
19	XIF3620	EIF3580	27632.3	42889	39 13	30.8	76 21	59.3		
20	XIF3064	EIF3064	27638.1	42881.4	39 12	58.6	76 23	35.1		
21B	XIF5505	EIF5495	27632.1	42912.9	39 15	24.1	76 20	32.9		
22	XIG7589	EIG7511	27631.7	42939.2	39 17	29	76 18	55.7		
23	XIF4642	EIF4658	27646.8	42900.5	39 14	35	76 24	11.5		
24	XIF5302	EIF5197	27629.8	42909	39 15	4.1	76 20	19.3		
25**	XIF4405	EIF4492	27629.7	42900.4	39 14	23.2	76 20	48.3		
26	XIF4016	EIF4081	27633.6	42895	39 14	0.1	76 21	53.6		
27	XIF2038	EIF2159	27637.4	42869.7	39 12	2.7	76 24	8.1		
28**	XIG5699	EIG5601	27629.4	42915.1	39 15	33	76 19	53		
30**	XIF4000	EIG4000	27624.3	42896.1	39 13	59.2	76 19	59.5		
31	XIG3506	EIF3594	27625.5	42890	39 13	31	76 20	35		
32	XIF2715	EIF2785	27627	42879	39 12	39.8	76 21	31.3		

Table 1-1(cont.): Designations and locations of stations sampled during the twelfth monitoring year.

MGS	RESMON #	Loran - C Time Delays		Latitude	Longitude	
Id. #	Old	New	X	Y	(deg, min, sec)	(deg, min, sec)
33	XIF2723	EIF2777	27631	42879	39 12 42.5	76 22 18.9
34**	XIF3224	EIF3276	27633.4	42884.9	39 13 12	76 22 26.8
35	XIF3012	EIF4088	27630	42895	39 13 57.7	76 21 10.8
36**	XIG2964	EIG2936	27602.6	42884.7	39 12 51	76 16 23.3
40	XIF6417	ECF6483	27641.2	42923.6	39 16 21	76 21 43
41	XIG6809	EIF6891	27639	42929.6	39 16 48	76 20 55
42	XIG7501	EIF7599	27637.4	42938.2	39 17 28	76 20 6
43	XIG6998	EIG6902	27633.8	42931.6	39 16 54	76 19 47
44	XIG6394	EIG6306	27630	42924.9	39 16 20	76 19 26
45	XIG6984	EIG6916	27627.1	42932.2	39 16 53	76 18 26
51	XIG5702	EIF5798	27631.5	42916.3	39 15 40	76 20 14
52	XIG5990	EIG5900	27631	42918.7	39 15 51	76 19 59
53	XIG5792	EIG5708	27626.6	42917	39 15 40	76 19 13
58	XIG5202	EIF5298	27629.4	42910.1	39 15 9	76 20 11
59	XIG5200	EIG5200	27628.6	42910.2	39 15 9	76 20 1
60	XIG5298	EIG5202	27627.7	42910.3	39 15 9	76 19 50
61	XIG5295	EIG5205	27626.2	42910.5	39 15 9	76 19 32
63	XIG4902	EIF4998	27628.6	42906.8	39 14 53	76 20 13
64	XIG4999	EIG4902	27627	42907.5	39 14 55	76 19 51
65	XIG4995	EIG4906	27625	42907.7	39 14 55	76 19 27
67	XIG4798	EIG4703	27625.6	42904.7	39 14 41	76 19 45
69	XIF4411	EIF4489	27631.3	42900.6	39 14 25	76 21 7
70	XIG4505	EIF4596	27628.2	42901.4	39 14 27	76 20 27
71	XIG4501	EIF4599	27626.4	42901.7	39 14 27	76 20 5
80	XIG4108	EIF4192	27628.5	42897	39 14 6	76 20 46
85	XIF3246	EIF3254	27643.4	42882.8	39 13 9	76 24 34
87	XIF2229	EIF2271	27632.1	42872.6	39 12 13	76 22 54
95	XIG6183	EIG6118	27623.3	42922.7	39 16 5	76 18 15
98	XIG5788	EIG5713	27624.3	42917.3	39 15 40	76 18 45
BC-1	XIF4024	EIF4077	27635.7	42894.5	39 13 59.1	76 22 20.3

Table 1-1(cont.): Designations and locations of stations sampled during the twelfth monitoring year.

MGS	RESMON #	Loran - C		Latitude		Longitude		
		Time Delays		X	Y	(deg, min, sec)	(deg, min, sec)	
<u>Id. #</u>	<u>Old</u>	<u>New</u>						
BC-2	XIF4285	EIF4288	27630.7	42897.6	39 14	10.5	76 21 10	
BC-3	XIF4615	EIF4686	27633.3	42901.9	39 14	32.6	76 21 25.8	
BC-4	XIF4703	EIF4796	27628.5	42904	39 14	39.5	76 20 21.5	
BC-5	XIF6388	EIG5907	27627.8	42920.1	39 15	55.6	76 19 16.9	
BC-6	XIF5925	EIF5975	27643.4	42917.1	39 15	51.4	76 22 32	
BC-7	XIF4964	EIF4964	27645	42904.6	39 14	53.2	76 23 35.4	

\* Latitude and longitude (NAD 1927) were derived from LORAN-C TDs using a computer program that incorporates the results of a LORAN-C calibration in Chesapeake Bay (Halka, 1987).

\*\* Coincides with a benthic station

Table 1-2: Field descriptions - surficial sediment samples collected on November 4, 1992 (Cruise 28).

[note: Munsell colors and numerical designations from Rock-Color Chart (Rock-Color Chart Committee, 1984)]

Station number	Water depth (ft.)	Description
2	5	No floc layer; clean, moderate brown (5 YR 3/4) fine to very fine sand; some large (adult) <i>Rangia cuneata</i> ; a few <i>Macoma</i> ; no odor.
3	13	Dark yellowish brown (10 YR 4/2) floc layer, 1-2 cm thick, consisting of soft, gritty mud; a few disarticulated, adult <i>Rangia</i> shells; overlies soft, gritty mud, mostly dark gray (N3) mottled with dark yellowish brown (10 YR 4/2); a few <i>Rangia</i> , <i>Macoma</i> , and oyster shell fragments; worms; no odor.
4	11	Dark yellowish brown (10 YR 4/2) floc layer consisting of 2-3 cm of soft, smooth mud; plant matter; overlies smooth, dark gray to grayish black (N2.5) mud, uniform in color; a few articulated and disarticulated <i>Rangia</i> at top of this layer; many burrows; no odor.
5	16	Three layers, distinguishable by color - dark yellowish brown (10 YR 4/2) floc layer, 2 cm thick; overlies olive gray (5 Y 4/1) layer, which overlies dark gray (N3) layer; entire grab sample consists of soft, smooth, fluffy mud, stiffer with depth; disarticulated <i>Rangia</i> ; no odor; recently deposited?
6	14	Thin (1 cm), shelly floc layer, consisting of soft, smooth (no grit), dark yellowish brown (10 YR 4/2) mud; many <i>Rangia</i> , mostly disarticulated, a few live; barnacles; overlies dark gray (N3) mud, uniform in color except for dark yellowish brown (10 YR 4/2) burrow filling; neither firm nor soft; a few <i>Macoma</i> , 1 cm long; live crab; worms; some oxidized (dark yellowish brown) burrows; no odor.
7	16	Shelly floc layer consisting of soft, dark yellowish brown (10 YR 4/2) mud; <i>Rangia</i> ; overlies soft, smooth (no grit), dark gray to grayish black (N2.5) mud, uniform in color; small shells; worm; some oxidized burrows; no odor.

Table 1-2: Field descriptions (con't)- surficial sediment samples collected on November 4, 1992 (Cruise 28)

Station number	Water depth (ft.)	Description
8A	13	Floc layer consisting of soupy, gritty, sandy mud or muddy sand; overlies uniformly dark gray (N3) sandy mud, variably sandier and muddier in different spots; neither soft nor firm; some <i>Rangia</i> , disarticulated and live; worms.
9	18	Thin (1 cm) floc layer consisting of soupy, dark yellowish brown (10 YR 4/2) mud; overlies lumpy, dark gray (N3) mud, neither soft nor firm; some disarticulated <i>Rangia</i> at top of layer, 2 cm long; a few <i>Macoma</i> at depth; burrows; no odor; similar to station BC4.
10	14	No floc layer; soft, moderate brown, medium sandy mud or muddy sand; a few/some articulated and disarticulated, adult and juvenile <i>Rangia</i> ; no odor.
11	14	No floc layer; well-sorted, moderate brown fine sand; a few/some articulated <i>Rangia</i> , 1-2.5 cm long.
12	11	No floc layer; clean, well-sorted fine sand, grading from dark yellowish brown (10 YR 4/2) at the top to olive gray (5 Y 4/1) to dark gray to grayish black (N2.5), darker and muddier at the bottom; some live, adult <i>Rangia</i> ; many shell fragments; worms.
13	7	No floc layer; clean, well-sorted, coarse to medium sand; some disarticulated <i>Rangia</i> ; lots of heavy minerals; no odor.
14	12	Dark yellowish brown (10 YR 4/2) floc layer, grading to olive gray (5 Y 4/1) and consisting of soft, fluffy mud; overlies soft, cottage cheesy, dark gray to grayish black (N2.5) mud, uniform in color and texture, except for olive gray (5 Y 4/1) burrow filling; a couple of <i>Rangia</i> , not very many shells; some burrows; no odor.

Table 1-2: Field descriptions (con't)- surficial sediment samples collected on November 4, 1992 (Cruise 28)

Station number	Water depth (ft.)	Description
15	10	Thin (<1 cm) floc layer consisting of soft, smooth, dark yellowish brown (10 YR 4/2) mud; overlies soft, smooth, dark gray (N3) mud; many articulated and disarticulated adult Rangia at top of grab; some disarticulated adult Rangia within grab; worms; no odor.
16	10	Dark yellowish brown (10 YR 4/2) floc layer, grading to olive gray (5 Y 4/1) and consisting of soft, smooth (no lumps), soupy, gritty mud; articulated and disarticulated adult Rangia near top of grab, some live; floc overlies mottled dark gray (N3), grayish black (N2), and dark yellowish brown (10 YR 4/2), gritty sandy mud, variably sandier and muddier; no odor.
17	9	Floc layer consisting of soft, smooth, dark yellowish brown (10 YR 4/2) mud; overlies soft, smooth (no grit, no lumps), dark gray (N3) mud; many articulated and disarticulated adult Rangia at top of grab; worms; many oxidized burrows; no odor.
18	9	Floc layer consisting of soft, smooth, soupy, dark yellowish brown (10 YR 4/2) mud; overlies grayish black (N2) mud with olive gray (5 Y 4/1) burrow filling, texture neither soft nor firm; Rangia, mostly disarticulated, some live, below floc layer; no odor.
19	16	Dark yellowish brown (10 YR 4/2) floc layer consisting of 3 cm of very soft mud; overlies soft, smooth mud, mostly dark gray (N3) with a little olive gray (5 Y 4/1); a few/some disarticulated Rangia at top of grab, mostly 1-2.5 cm long, a few 5 cm long; some Rangia and some/many Macoma at depth; some burrows; heavily bioturbated; no odor.

Table 1-2: Field descriptions (con't)- surficial sediment samples collected on November 4, 1992 (Cruise 28)

Station number	Water depth (ft.)	Description
20	12	Dark yellowish brown (10 YR 4/2) floc layer consisting of 2-3 cm of soft, smooth mud; a few disarticulated <i>Rangia</i> , some smaller and articulated, in floc; overlies smooth, dark gray (N3) mud, uniform in color, except for dark yellowish brown (10 YR 4/2) burrow filling, neither firm nor soft; some disarticulated <i>Macoma</i> ; a few oxidized <i>Macoma</i> burrows; no odor.
21B	12	No floc layer; clean, well-sorted, moderate brown medium sand; a few/some <i>Rangia</i> , 1-2 cm long, mostly disarticulated, some articulated; shotgun shell; no odor.
22	10	Thin (1 cm) floc layer consisting of very soft, gritty sediment, grading from dark yellowish brown (10 YR 4/2) to olive gray (5 Y 4/1); overlies soft, dark gray to grayish black (N2.5), fine to medium muddy sand or sandy mud; many disarticulated, juvenile <i>Rangia</i> ; no odor.
23	10	Floc layer consisting of soft, smooth, dark yellowish brown (10 YR 4/2) mud; overlies dark gray (N3) clayey mud, mottled with greenish gray lenses; <i>Rangia</i> ; many shell fragments; worms; plant matter; many oxidized burrows.
24	16	Shelly floc layer of indeterminate thickness consisting of dark yellowish brown (10 YR 4/2) very fine to medium sandy mud; many disarticulated <i>Rangia</i> , 2 cm long, at top of grab; floc overlies dark gray (N3) fine sandy mud mottled with dark yellowish brown (10 YR 4/2) - worm burrow filling; a few pockets of shell fragments; a few worms; no odor.

Table 1-2: Field descriptions (con't)- surficial sediment samples collected on November 4, 1992 (Cruise 28)

Station number	Water depth (ft.)	Description
25	17	Thin (1 cm), shelly floc layer consisting of soft, slightly gritty, dark yellowish brown (10 YR 4/2) mud; overlies smooth (no grit), lumpy, grayish black (N2) mud; some disarticulated <i>Rangia</i> at top of layer, 1-3 cm long; a few disarticulated <i>Macoma</i> at depth; burrows; no odor; replicates all similar in appearance.
26	14	Thin (1 cm) floc layer consisting of soft, smooth, dark yellowish brown (10 YR 4/2) mud; overlies very smooth, fairly soft mud with dark gray (N3) and medium dark gray (N4) mottling; a few/some articulated and disarticulated adult <i>Rangia</i> at the top of the layer; a few other unidentified shells at depth; no odor.
27	14	Floc layer consisting of slightly gritty, grayish brown (5 YR 3/2) mud; overlies smooth (no grit), sticky, lumpy mud with grayish black (N2) and olive gray (5 Y 4/1) mottling; a few disarticulated adult <i>Rangia</i> ; very few disarticulated <i>Macoma</i> ; many burrows, some oxidized; no odor.
28	18	Shelly floc layer of indeterminate thickness consisting of soft, gritty mud; disarticulated adult <i>Rangia</i> ; small, live crab at surface; floc layer overlies fine sandy mud, mostly grayish black (N2), though more brown with depth, variably sandier and muddier (sandier with depth), variably softer and firmer; oyster shell; few shells at depth; no odor.
30	16	Floc layer, 2-3 cm thick, consisting of soft, smooth, dark yellowish brown (10 YR 4/2) to olive gray (5 Y 4/1) mud; overlies soft, cottage cheesy, dark gray to grayish black (N2.5) mud with dark yellowish brown (10 YR 4/2) mottling; disarticulated <i>Rangia</i> , 2.5 cm long, at top of layer; few shells at depth; no odor.

Table 1-2: Field descriptions (con't)- surficial sediment samples collected on November 4, 1992 (Cruise 28)

Station number	Water depth (ft.)	Description
31	15	Floc layer consisting of soft, smooth, gelatinous, dark yellowish brown (10 YR 4/2) mud; overlies stiff, smooth, medium dark to dark gray (N3.5) mud mottled with dark yellowish brown (10 YR 4/2) burrow filling; a few disarticulated <i>Rangia</i> , 2 cm long; a few disarticulated <i>Macoma</i> ; very few oyster shells.
32	14	Floc layer consisting of 2-3 cm of soft, smooth, dark yellowish brown (10 YR 4/2) mud; isopod at surface; overlies soft mud, medium dark gray (N4) mottled with some olive gray (5 Y 4/1) and dark yellowish brown (10 YR 4/2) burrow filling; some adult <i>Rangia</i> at top of layer, mostly disarticulated, some live; many disarticulated juvenile and adult <i>Rangia</i> and a few dead adult <i>Macoma</i> at depth; worms; no odor.
34	17	Dark yellowish brown (10 YR 4/2) floc layer consisting of 2-3 cm of soft, smooth mud; overlies soft, cottage cheesy mud with dark gray (N3), olive gray (5 Y 4/1) and dark yellowish brown (10 YR 4/2) mottling (burrow filling); few shells other than disarticulated adult <i>Macoma</i> ; no odor.
36	18	Dark yellowish brown (10 YR 4/2) floc layer consisting of 2-3 cm of soft, smooth mud; overlies smooth (no grit, no lumps) mud, grading from olive gray (5 Y 4/1) to dark gray (N3), neither soft nor firm in texture; some <i>Macoma</i> ; no odor.
40	10	Surface layer of soft, smooth, fluffy mud, 2-3 cm thick, grading from dark yellowish brown (10 YR 4/2) to olive gray (5 Y 4/1); a few large <i>Rangia</i> ; overlies soft, dark gray (N3) mud, firmer than floc; a few shell fragments; live worms; similar to station 41.
41	12	Surface layer of soft, smooth, fluffy mud, grading from dark yellowish brown (10 YR 4/2) to olive gray (5 Y 4/1); overlies lumpy, dark gray (N3) mud, soft throughout, though stiffer with depth; a few <i>Rangia</i> at top of layer and a couple at depth; not very many shells.

Table 1-2: Field descriptions (con't)- surficial sediment samples collected on November 4, 1992 (Cruise 28)

Station number	Water depth (ft.)	Description
43	12	Surface layer of very smooth, soft mud, 3-4 cm thick, grading from dark yellowish brown (10 YR 4/2) to olive gray (5 Y 4/1); overlies soft, smooth, grayish black (N2) mud, firmer than floc layer; small, live crab; pocket of <i>Mulinia</i> (?); a few <i>Rangia</i> ; faint odor.
44	14	Thick (3-4 cm) floc layer consisting of soft, smooth, fluffy mud, grading from dark yellowish brown (10 YR 4/2) to olive gray (5 Y 4/1); overlies soft, grayish black (N2) mud, firmer than floc; a few disarticulated <i>Macoma</i> ; a few live worms; no odor.
51	15	Very shelly floc layer consisting of soft, gritty mud, grading from dark yellowish brown (10 YR 4/2) to olive gray (5 Y 4/1); many <i>Rangia</i> , disarticulated and live; floc layer overlies grayish black (N2) muddy sand; some shells; no odor.
61	19	Thin (<1 cm), shelly, dark yellowish brown (10 YR 4/2) floc layer; many disarticulated <i>Rangia</i> ; overlies smooth, creamy, slick, stiff dark gray to grayish black (N2.5) mud; very few shells at depth; no bioturbation; no odor.
64	20	Shelly floc layer consisting of soft mud, grading from dark yellowish brown (10 YR 4/2) to olive gray (5 Y 4/1); <i>Rangia</i> ; overlies stiff (thick), smooth, grayish black (N2) mud, uniform in texture and color; some <i>Macoma</i> ; very few worms; no odor.
71	17	Thin (<1 cm), shelly floc layer consisting of smooth, dark yellowish brown (10 YR 4/2) mud; some disarticulated <i>Rangia</i> , 2-4 cm long; overlies lumpy, cottage cheesy, dark gray to grayish black (N2.5) mud, uniform in texture and color; a few

Table 1-2: Field descriptions (con't)- surficial sediment samples collected on November 4, 1992 (Cruise 28)

Station number	Water depth (ft.)	Description
71 (cont.)		disarticulated <i>Macoma</i> , juvenile and adult, at depth; some burrows.
87	15	Floc layer consisting of soft, slightly gritty, dark yellowish brown (10 YR 4/2) mud; some disarticulated <i>Rangia</i> , 2.5 cm long; overlies smooth (no grit), lumpy mud, mottled grayish black (N2), dark gray (N3), and dark yellowish brown (10 YR 4/2); some disarticulated adult <i>Macoma</i> ; a few oyster shell fragments; some oxidized burrows; no odor.
BC1	14	Dark yellowish brown (10 YR 4/2) floc layer consisting of 2-3 cm of soft, smooth, soupy mud; overlies very stiff, plastic, putty-like, medium to medium dark gray (N4.5) mud, uniform in color and texture; disarticulated juvenile and adult <i>Rangia</i> at top of layer; no shells at depth; fluid mud layer.
BC2	15	Thin (<1 cm), shelly floc layer consisting of soft, smooth, dark yellowish brown (10 YR 4/2) mud; many disarticulated <i>Rangia</i> , 2-2.5 cm long; small, live crab; overlies soft, smooth, dark gray (N3) mud; no odor.
BC3	14	Floc layer consisting of 2-3 cm of soft, smooth, soupy, dark yellowish brown (10 YR 4/2) mud; overlies dark gray (N3), "fluid mud" layer with pink streaks, soft and fluffy throughout - uniform in texture; a few <i>Rangia</i> at top of layer and at depth; no odor; second grab differs in appearance from first.
BC4	18	Thin (<1 cm), shelly floc layer consisting of soupy, gritty mud; many <i>Rangia</i> ; small, live crab; overlies smooth (no grit), lumpy, dark gray (N3) mud, uniform in color, variably firmer and softer; a few/some disarticulated <i>Macoma</i> , 2 cm long, at depth; no odor.
BC5	15	Thick floc layer consisting of soft, smooth, dark

Table 1-2: Field descriptions (con't)- surficial sediment samples collected on November 4, 1992 (Cruise 28)

Station number	Water depth (ft.)	Description
BC5 (cont.)		yellowish brown (10 YR 4/2) mud; overlies smooth, grayish black (N2) mud, uniform in texture and color; a few disarticulated adult <i>Rangia</i> ; some burrows; smells like decomposing organisms.
BC6	10	Floc layer consisting of soft, smooth, fluffy mud, grading from dark yellowish brown (10 YR 4/2) to olive gray (5 Y 4/1); many disarticulated <i>Rangia</i> ; overlies soft mud, mottled dark gray (N3) and olive gray (5 Y 4/1), stiffer than floc; a few disarticulated <i>Macoma</i> ; pockets of shell fragments; sticks; no odor.

Table 1-3: Field descriptions - surficial sediment samples collected on May 10, 1993 (Cruise 29)  
 [note: Munsell colors and numerical designations from Rock-Color Chart (Rock-Color Chart Committee, 1984)]

Station number	Water depth (ft.)	Description
2	6	No floc layer; clean, dark yellowish brown (10 YR 4/2) very fine to fine sand; very few articulated and disarticulated <i>Rangia cuneata</i> , some live; amphipods; twigs; no odor.
3	15	Floc layer, 3-4 cm thick, consisting of soft, fluffy, slightly gritty, dark yellowish brown (10 YR 4/2) mud; overlies firm, lumpy, grayish black (N2) fine sandy mud, mottled with olive gray (5 Y 4/1), sandier with depth; very few disarticulated <i>Rangia</i> and <i>Macoma</i> ; oxidized burrows, filled with dark yellowish brown (10 YR 4/2) sediment; plant matter; gas bubbles rose to surface of water column as grab was retrieved.
4	12	Floc layer consisting of 2-3 cm of soft, smooth mud, grading from dark yellowish brown (10 YR 4/2) to olive gray (5 Y 4/1); two small crabs at surface; overlies soft, smooth (no grit), lumpy, dark gray (N3) mud, uniform in texture; very few disarticulated <i>Rangia</i> and <i>Macoma</i> ; oxidized burrows, filled with dark yellowish brown (10 YR 4/2) or olive gray (5 Y 4/1) sediment; plant matter; worms; no odor.
5	16	Floc layer, 3-4 cm thick, of soft, fluffy, dark yellowish brown (10 YR 4/2) mud, grading to dark greenish gray (5 GY 4/1); mushy throughout though firmer with depth; a few disarticulated <i>Rangia</i> , 2.5 cm long; wood fragments, sticks; plant matter.
6	14	Thin (<.5 cm) floc layer consisting of soft, smooth, soupy, dark yellowish brown (10 YR 4/2) mud; overlies firm, cohesive, smooth (no grit), grayish black (N2) mud, uniform in texture; many <i>Rangia</i> , mostly disarticulated, 2.5-4 cm long, at top of grab; small crabs; some oxidized burrows; no odor.

Table 1-3: Field descriptions (cont.) - surficial sediment samples collected on May 10, 1993 (Cruise 29)

Station number	Water depth (ft.)	Description
7	16	Thin (0.5 cm) floc layer consisting of soupy, dark yellowish brown (10 YR 4/2) mud; overlies smooth, mottled dark gray (N3) and olive gray (5 Y 4/1) mud; many <i>Rangia</i> at top of grab, mostly disarticulated, a few articulated; a few disarticulated adult <i>Macoma</i> ; crab; some burrows; smells like hydrogen sulfide.
8A	13	Floc layer, 2 cm thick, consisting of dark yellowish brown (10 YR 4/2) sandy mud; overlies very fine to fine sandy mud, mottled dark gray to grayish black (N2.5), black (N1), and dark yellowish brown (10 YR 4/2), muddier with depth; articulated and disarticulated <i>Rangia</i> , mostly adult, some live, at top of layer; worms; sticks; smells like decomposing organisms.
9	18	Thin (<0.5 cm), shelly floc layer consisting of soupy, dark yellowish brown (10 YR 4/2) mud; overlies smooth (no grit), lumpy, grayish black (N2) mud; articulated and disarticulated <i>Rangia</i> at top of grab, varying in size; some articulated <i>Macoma</i> , adult and juvenile; crab; plant matter.
10	14	Thin (1 cm) floc layer consisting of dark yellowish brown (10 YR 4/2) fine to medium muddy sand; overlies olive gray (5 Y 4/1) fine to medium muddy sand; a few <i>Rangia</i> , live and dead, 1-2.5 cm long.
11	12	No floc layer; clean, pale to dark yellowish brown (10 YR 5/2) medium sand; a few <i>Rangia</i> , smaller disarticulated shells and larger (4 cm) live organisms.
12	11	Thin (<0.5 cm), shelly floc layer consisting of gritty, dark yellowish brown (10 YR 4/2) very fine to fine sandy mud; overlies smooth, grayish black (N2) mud; <i>Rangia</i> , mostly disarticulated, some

Table 1-3: Field descriptions (cont.) - surficial sediment samples collected on May 10, 1993 (Cruise 29)

Station number	Water depth (ft.)	Description
12 (cont.)		articulated, varying in size; worm; plant matter; smells like decomposing organisms.
13	7	No floc layer; dark yellowish brown (10 YR 4/2) medium sand; a few <i>Rangia</i> , mostly disarticulated, a few live, 1-2.5 cm long; crab claw; heavy minerals; no odor.
14	11	Surface layer consisting of 3-4 cm of soft, smooth, fluffy mud, grading from dark yellowish brown (10 YR 4/2) (top 1 cm) to olive gray (5 Y 4/1) (2-3 cm thick); overlies smooth (no grit), lumpy, grayish black (N2) mud; a few adult <i>Rangia</i> at top of layer; gas bubbles rose to surface of water column as grab was retrieved.
15	9	Floc layer, 3 cm thick, consisting of soft, smooth, fluffy, dark yellowish brown (10 YR 4/2) mud; overlies smooth, dark gray (N3) mud, mottled with olive gray (5 Y 4/1); some <i>Rangia</i> , mostly adult; oxidized burrows; slight odor.
16	8	Thin (1 cm) floc layer consisting of soft, fluffy mud, grading from dark yellowish brown (10 YR 4/2) to olive gray (5 Y 4/1); adult <i>Rangia</i> ; overlies gritty, lumpy, grayish black (N2) fine sandy mud, variably muddier and sandier; shell fragments; worms; plant matter; no odor; replicates all similar in appearance.
17	8	Surface layer consisting of 1 cm of soft, smooth, mushy mud, grading from dark yellowish brown (10 YR 4/2) to olive gray (5 Y 4/1); overlies soft, sticky, smooth, cohesive, dark gray to grayish black (N2.5) mud; disarticulated adult <i>Rangia</i> ; burrows, some oxidized; smells like decomposing organisms.
18	7	Floc layer, 3 cm thick, consisting of soft, fluffy mud, grading from dark yellowish brown (10 YR 4/2) (top 1 cm) to olive gray (5 Y 4/1); overlies smooth, sticky, slightly lumpy, grayish black (N2)

Table 1-3: Field descriptions (cont.) - surficial sediment samples collected on May 10, 1993 (Cruise 29)

Station number	Water depth (ft.)	Description
18 (cont.)		mud; disarticulated and articulated Rangia, some live, most about 2.5 cm long, at top of layer; burrows, some oxidized - filled with olive gray (5 Y 4/1) sediment; no odor.
19	16	Thick floc layer consisting of 4-5 cm of soft, smooth (no grit), fluffy, dark yellowish brown (10 YR 4/2) mud; overlies smooth (no grit), lumpy, dark gray to grayish black (N2.5) mud, uniform in texture and color; very few articulated and disarticulated Rangia at top of layer; oxidized burrows - filled with dark yellowish brown (10 YR 4/2) sediment; no odor.
20	13	Dark yellowish brown (10 YR 4/2) floc layer, 2-3 cm thick, consisting of soft, smooth (no grit), slightly lumpy mud; overlies smooth (no grit), lumpy, dark gray (N3) mud, uniform in texture and color; a few/some articulated and disarticulated Rangia, 1-3 cm long, at top of layer; a few/some Rangia, mostly disarticulated, at depth; a few worms; no odor.
21B	11	No floc layer; clean, dark yellowish brown (10 YR 4/2) medium sand; a few dead, articulated Rangia, 1-4 cm long; heavy minerals.
22	9	Surface layer, 2-3 cm thick, of soft, soupy, slightly gritty mud, grading from dark yellowish brown (10 YR 4/2) to olive gray (5 Y 4/1); overlies medium gray (N5) very fine to fine sandy mud, uniform in color; a few/some articulated Rangia at top of layer, live and dead; oyster shell; shell fragments; worms.
23	10	Thick floc layer consisting of 5-6 cm of soft, fluffy, slightly gritty, dark yellowish brown (10 YR 4/2) mud; overlies very slightly gritty, dark gray to grayish black (N2.5) mud, variably sandier and muddier; very few Macoma; shell fragments; worms; plant matter; no odor.

Table 1-3: Field descriptions (cont.) - surficial sediment samples collected on May 10, 1993 (Cruise 29)

Station number	Water depth (ft.)	Description
24	16	Shelly floc layer consisting of dark yellowish brown (10 YR 4/2) and olive gray (5 Y 3/2) fine to medium sandy mud; many dead, articulated <i>Rangia</i> ; overlies olive gray (5 Y 3/2) and medium dark to dark gray (N3.5) fine sandy mud; oyster shells; smells like dead clams; description of grab 1; grab 2 was shelly; grab 3, less shelly.
25	17	Thin (<1 cm), shelly floc layer consisting of soft, soupy, dark yellowish brown (10 YR 4/2) mud; many <i>Rangia</i> , mostly disarticulated, 2 cm long; overlies lumpy, dark gray to grayish black (N2.5) mud, variably softer and firmer; a few <i>Macoma</i> ; crab; barnacles; worms; burrows; no odor.
26	15	Floc layer consisting of 3-4 cm of soft, smooth, mushy, dark yellowish brown (10 YR 4/2) mud; overlies smooth, creamy, medium dark gray (N4) mud, like fluid mud layer in color and consistency; many <i>Rangia</i> , mostly disarticulated, a couple articulated, varying in size; no odor.
27	14	Floc layer, 2-3 cm thick, consisting of soft, soupy, very slightly gritty, dark yellowish brown (10 YR 4/2) mud; a few/some disarticulated adult <i>Rangia</i> in floc layer; overlies sticky, lumpy, cohesive mud, mottled dark gray (N3) and grayish black (N2); a few <i>Rangia</i> and very few <i>Macoma</i> at depth; worms; plant matter; no odor.
28	17	Shelly floc layer consisting of gritty, soupy, dark yellowish brown (10 YR 4/2) mud; overlies grayish black (N2) fine sandy mud; many disarticulated <i>Rangia</i> , varying in size.
30	16	Surface layer consisting of 2-3 cm of soft, smooth mud, grading from dark yellowish brown (10 YR 4/2) (top 1 cm) to greenish black (5 GY 2/1); overlies smooth (no grit), lumpy, dark gray to grayish black (N2.5) mud, uniform in texture; many <i>Rangia</i> , mostly disarticulated, some articulated, at top of layer; a few <i>Macoma</i> at top of layer; oxidized burrows; smells like dead clams.

Table 1-3: Field descriptions (cont.) - surficial sediment samples collected on May 10, 1993 (Cruise 29)

Station number	Water depth (ft.)	Description
31	16	Floc layer, 2 cm thick, consisting of soft, smooth, fluffy, dark yellowish brown (10 YR 4/2) mud; overlies smooth (no grit), lumpy, grayish black (N2) mud; very few articulated and disarticulated <i>Rangia</i> , 2.5 cm long, at top of layer; a few <i>Rangia</i> at depth; burrows; blood worm and tubes; plant matter; no odor.
32	15	Floc layer, 2-3 cm thick, consisting of soft, smooth (no grit), fluffy, dark yellowish brown (10 YR 4/2) mud; overlies smooth (no grit), gray mud, mottled with dark yellowish brown (10 YR 4/2); very few <i>Rangia</i> , mostly disarticulated, 2.5-4 cm long, at top of layer; worms; a few burrows; bioturbated; no odor.
34	18	Floc layer consisting of 4-5 cm of dark yellowish brown (10 YR 4/2) mud; overlies soft, mushy, olive gray (5 Y 4/1) mud; entire grab mushy; no shells; no odor.
36	18	Floc layer, 3-4 cm thick, consisting of soft, smooth mud, grading from dark yellowish brown (10 YR 4/2) to olive gray (5 Y 4/1); overlies soft, mushy, dark gray (N3) mud, mottled with dark yellowish brown (10 YR 4/2), firmer with depth; very few live <i>Rangia</i> ; <i>Macoma</i> ; red worms; no odor.
40	10	Surface layer, 4 cm thick, consisting of soft, smooth, mushy mud, grading from dark yellowish brown (10 YR 4/2) (top 1 cm) to olive gray (5 Y 4/1); overlies soft, smooth, dark gray (N3) mud, mottled with olive gray (5 Y 4/1); patches of small, articulated shells; shell fragments; plant matter; no odor.
41	11	Surface layer, 4 cm thick, consisting of soft, fluffy mud, grading from dark yellowish brown (10 YR 4/2) (top 2 cm) to olive gray (5 Y 4/1); overlies soft, smooth (no grit), lumpy, cottage cheesy, grayish black (N2) mud, uniform in color and texture; a few/some articulated and

Table 1-3: Field descriptions (cont.) - surficial sediment samples collected on May 10, 1993 (Cruise 29)

Station number	Water depth (ft.)	Description
41 (cont.)		disarticulated <i>Rangia</i> , most 3 cm long, at top of layer; no shells below top; oxidized burrows; gas bubbles at surface of water column when grab retrieved.
43	11	Surface layer, 4 cm thick, consisting of soft, smooth mud, grading from dark yellowish brown (10 YR 4/2) (top 1 cm) to olive gray (5 Y 4/1); overlies soft, smooth, grayish black (N2) mud; some adult <i>Rangia</i> , mostly disarticulated, at top of layer; a few disarticulated adult <i>Macoma</i> .
44	13	Surface layer, 4-5 cm thick, consisting of soft, smooth, fluffy mud, grading from dark yellowish brown (10 YR 4/2) (top 1 cm) to olive gray (5 Y 4/1); overlies soft, smooth, grayish black (N2) mud, mottled with olive gray (5 Y 4/1); very few <i>Rangia</i> , mostly disarticulated adults, at top of layer; worms; burrows; no odor.
51	13	Floc layer consisting of gritty, dark yellowish brown (10 YR 4/2) fine sandy mud; overlies dark gray (N3) fine sandy mud; some/many disarticulated adult <i>Rangia</i> ; worm; no odor.
61	19	Thin (1 cm), shelly floc layer consisting of soft, dark yellowish brown (10 YR 4/2) mud; many articulated <i>Rangia</i> , 2.5 cm or smaller, in floc layer; overlies soft, smooth (no grit), lumpy, grayish black (N2) and olive gray (5 Y 4/1) mud; no odor.
64	20	Thin (1 cm), shelly floc layer consisting of soupy, dark yellowish brown (10 YR 4/2) mud; many <i>Rangia</i> , mostly disarticulated, some live, in floc layer; overlies soft, smooth (no grit), slick, lumpy, grayish black (N2) mud; no odor.
71	17	Thin (<1 cm) floc layer consisting of dark yellowish brown (10 YR 4/2) mud; overlies smooth (no grit), slightly lumpy, grayish black (N2) mud; a few/some <i>Rangia</i> , mostly disarticulated, at top of layer; a few/some articulated and

Table 1-3: Field descriptions (cont.) - surficial sediment samples collected on May 10, 1993 (Cruise 29)

Station number	Water depth (ft.)	Description
71 (cont.)		disarticulated <i>Macoma</i> ; burrows, one oxidized; no odor; gas bubbles at surface of water column when grab retrieved.
87	16	Floc layer consisting of 2 cm of soft, soupy, very slightly gritty, dark to dusky yellowish brown (10 YR 3/2) mud; overlies smooth, cohesive, dark gray to grayish black (N2.5) mud; many <i>Rangia</i> , mostly disarticulated, 1-4 cm long, at top of layer; single <i>Macoma</i> ; burrows; no odor.
BC1	15	Floc layer, 3-4 cm thick, consisting of soft, smooth, mushy, dark yellowish brown (10 YR 4/2) mud; overlies 2 cm of smooth, creamy, cohesive, medium dark gray (N4) mud, similar in texture to fluid mud layer; a few <i>Rangia</i> ; a few segmented, stick-like organisms with legs; no odor.
BC2	16	Thin (0.5 cm), shelly floc layer consisting of smooth, soupy, dark yellowish brown (10 YR 4/2) mud; very many <i>Rangia</i> , mostly disarticulated, varying in size from 1 to 5 cm, in floc layer; overlies smooth (no grit), lumpy, dark gray to grayish black (N2.5) mud; some/many <i>Macoma</i> at depth; many burrows, mucus lined; smells like dead clams.
BC3	14	Thin (<1 cm), shelly, floc layer consisting of soupy, slightly gritty, dark yellowish brown (10 YR 4/2) mud; very many <i>Rangia</i> , mostly disarticulated, some with barnacles, in floc layer; overlies firm, creamy, pale red (5 R 6/2) and olive gray (5 Y 4/1) mud, variable wetter and drier; very few <i>Macoma</i> ; worms; smells like dead clams; description of first grab; second and third grabs less shelly; third grab - fluid mud layer evident.
BC4	18	Thin (1 cm) floc layer consisting of soupy, dark yellowish brown (10 YR 4/2) mud; many articulated and disarticulated <i>Rangia</i> at top of grab; overlies smooth (no grit), dark gray to grayish black (N2.5) mud, mottled with olive gray (5 Y 4/1) and

Table 1-3: Field descriptions (cont.) - surficial sediment samples collected on May 10, 1993 (Cruise 29)

Station number	Water depth (ft.)	Description
BC4 (cont.)		dark yellowish brown (10 YR 4/2) - burrow filling, uniform in texture; a few <i>Macoma</i> ; oyster shell; no odor.
BC5	15	Surface layer, 5 cm thick, consisting of soft, mushy mud, grading from dark yellowish brown (10 YR 4/2) (top 1 cm) to olive gray (5 Y 4/1); overlies soft, smooth, grayish black (N2) mud; live <i>Rangia</i> , 2.5 cm long, at top of layer; very small amphipod.
BC6	9	Surface layer consisting of 3-4 cm of soft, mushy mud, grading from dark yellowish brown (10 YR 4/2) (top 1 cm) to olive gray (5 Y 4/1); overlies soft, lumpy, dark gray (N3) mud; a few articulated <i>Rangia</i> at top of layer; oxidized burrows; no odor; sediment and trace metal splits from first and second grabs; organics split from second grab; third and fourth grabs - oyster bed.

Table 1-4: Wentworth size nomenclature\*

Diameter (mm)	Phi ( $\phi$ )	Wentworth size class	
> 2.00	< -1.0	gravel	gravel
1.00 to 2.00	0.0 to -1.0	very coarse sand	
0.50 to 1.00	1.0 to 0.0	coarse sand	
0.25 to 0.50	2.0 to 1.0	medium sand	sand
0.125 to 0.25	3.0 to 2.0	fine sand	
0.0625 to 0.125	4.0 to 3.0	very fine sand	
0.0039 to 0.0625	8.0 to 4.0	silt	mud
< 0.0039	> 8.0	clay	

\* from Folk (1974)

Table 2-1: Distance and elevation data for Hart-Miller Island beach profiles, May 2 & 8, 1991

Date surveyed	Profile	Stadia station	Distance* (ft)	Elevation** (ft)
5/2/91	21+75	1	223	5.59
		2	309	2.40
		3	327	0.09
	24+00	1	214	4.39
		2	252	1.80
		3	280	-0.09
	28+00	1	170	5.39
		2	218	2.11
		3	236	0.14
5/8/91	30+00	1	148	6.65
		2	188	3.58
		3	188	2.88
		4	208	0.72
		5	252	-0.79
	32+00	1	143	9.06
		2	144	8.98
		3	148	7.54
		4	188	3.37
		5	190	2.51
		6	204	0.94
		7	266	-0.82
	36+00	1	172	7.21
		2	174	6.52
		3	208	3.51
		4	208	2.90
		5	224	0.97
		6	280	-0.81
5/8/91	40+00	1	176	7.11
		2	212	3.21
		3	214	2.76
		4	228	1.39
		5	274	-0.64

Table 2-1 (con't): Distance and elevation data for Hart-Miller Island beach profiles, May 2 & 8, 1991

Date surveyed	Profile	Stadia station	Distance* (ft)	Elevation** (ft)
5/8/91	44+00	1	142	7.76
		2	182	3.87
		3	182	2.49
		4	192	1.41
		5	238	-0.77
	48+00	1	116	9.19
		2	166	4.76
		3	168	2.67
		4	178	1.43
		5	222	-0.70
	49+00	1	128	8.63
		2	140	7.23
		3	179	4.29
		4	181	2.77
		5	193	1.31
		6	233	-0.69

\* from center line (CL) of dike roadway

\*\* mean low water (MLW) datum

Table 2-2: Distance and elevation data for Hart-Miller Island beach profiles, May 20-21 and June 10, 1992

Date surveyed	Profile	Stadia station	Distance <sup>*</sup> (ft)	Elevation <sup>**</sup> (ft)
5/20/92	21+75	1	282	2.93
		2	292	1.99
		3	301	2.30
		4	310	2.37
		5	326	0.37
		6	342	-1.03
6/10/92	24+00	1	214	4.39
		1a	230	3.70
		2	251	2.785
		3	285	0.085
		4	335	-0.935
5/20/92	28+00	Stake	170	5.39
		1	195	4.17
		2	197	3.12
		3	215	2.285
		4	223	1.43
		5	227	0.81
		6	249	-0.79
30+00	Stake	146	-	
		2	175	4.89
		3	178	3.09
		4	198	2.34
		5	210	1.17
		6	220	-0.17
		7	242	-0.87
32+00	Stake	143	9.06	
		1	172	5.155
		2	172.5	3.51
		3	188	2.555
		4	196	1.685
		5	206	0.365
		6	224	-0.625
36+00	Stake	174	6.52	
		1	190	5.07
		2	192	3.45
		3	214	2.32
		4	224	1.36

Table 2-2 (con't): Distance and elevation data for Hart-Miller Island beach profiles, May 20-21 and June 10, 1992

Date surveyed	Profile	Stadia station	Distance* (ft)	Elevation** (ft)
5/20/92	36+00	5	234	-0.06
		6	250	-0.87
5/21/92	40+00	Stake	164	8.165
		1	195	5.135
		2	198	3.305
		3	213	1.935
		4	229	2.295
		5	241	1.085
		6	250	-0.205
		7	283	-0.845
	44+00	Stake	140	8.475
		1	169	5.87
		2	174	3.05
		3	194	2.315
		4	204	1.015
		5	212	-0.175
		6	244	-1.115
	48+00	Stake	104	12.30
		1	149	6.625
		2	153	3.12
		3	170	1.32
		4	1.78	0.32
		5	210	-0.88
	49+00	Stake	128	8.63
		2	157	5.95
		3	162	2.99
		4	168	2.50
		5	174	1.54
		6	182	0.45
		7	210	-0.72

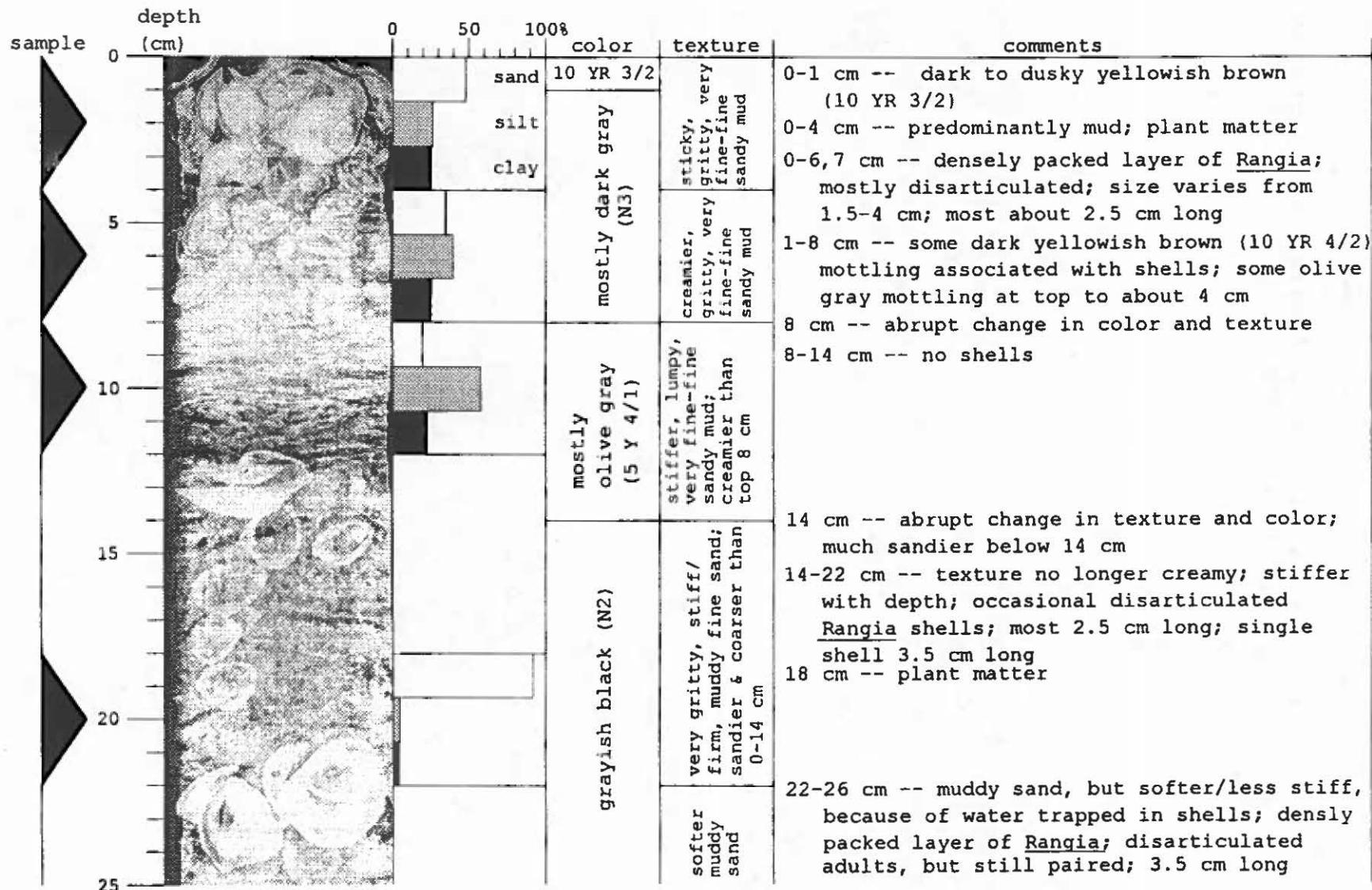
\* from center line (CL) of dike roadway

\*\* mean low water (MLW) datum

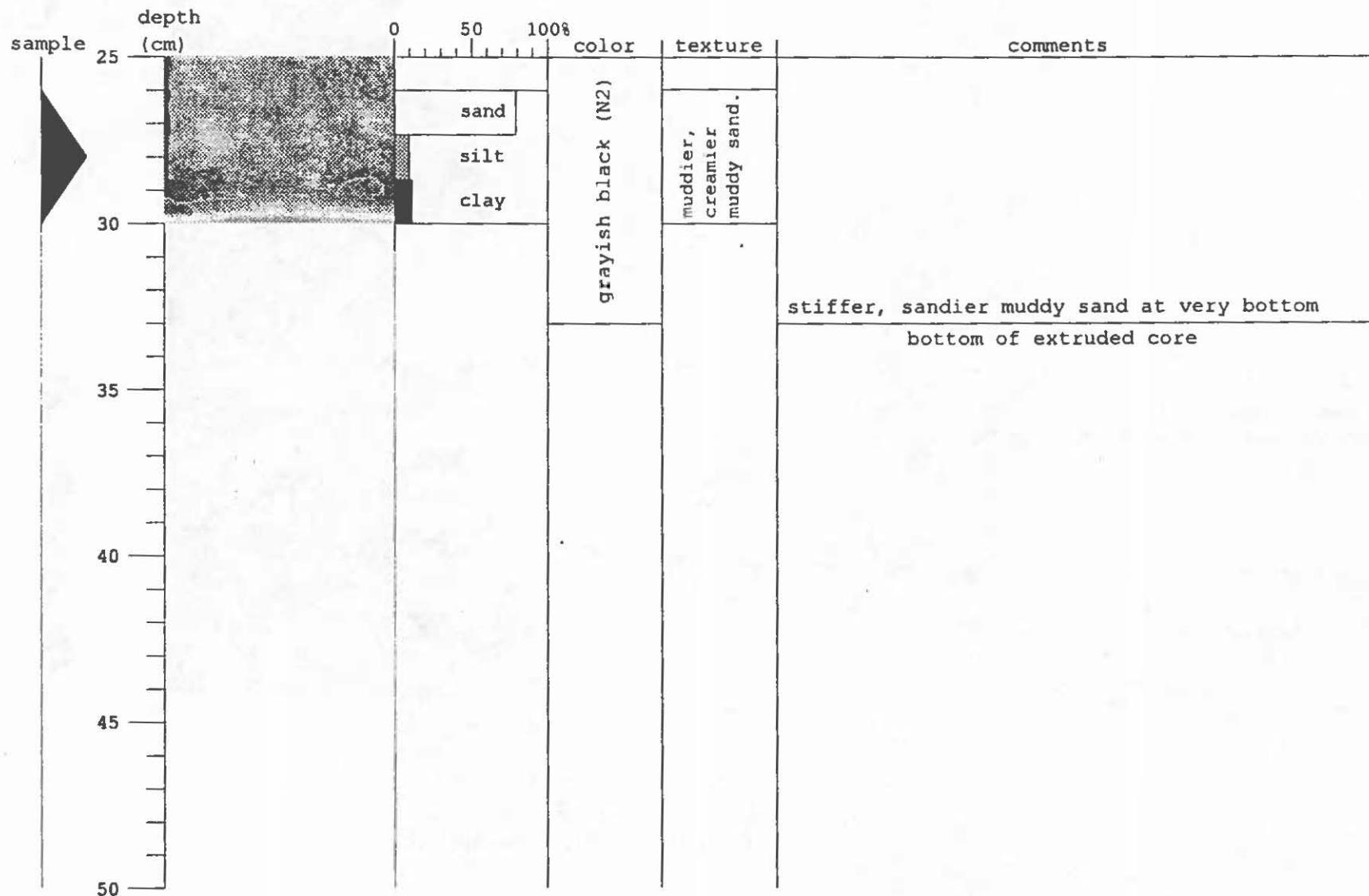
## **APPENDIX A**

**Visual and radiographic observations of gravity cores  
collected on May 10, 1993 (Cruise 29).**

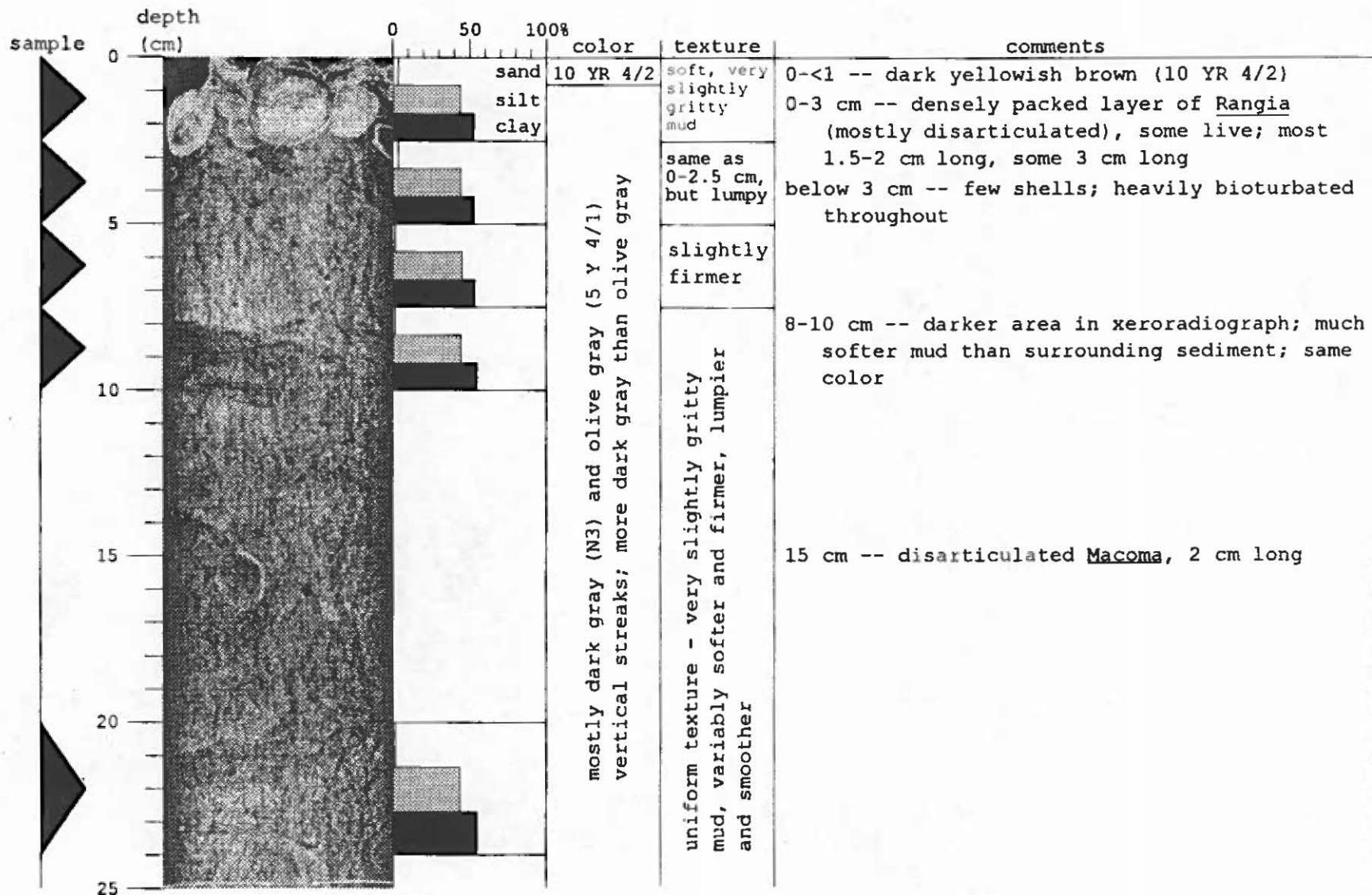
HART-MILLER ISLAND - 12th Year  
 Core 12 May 10, 1993



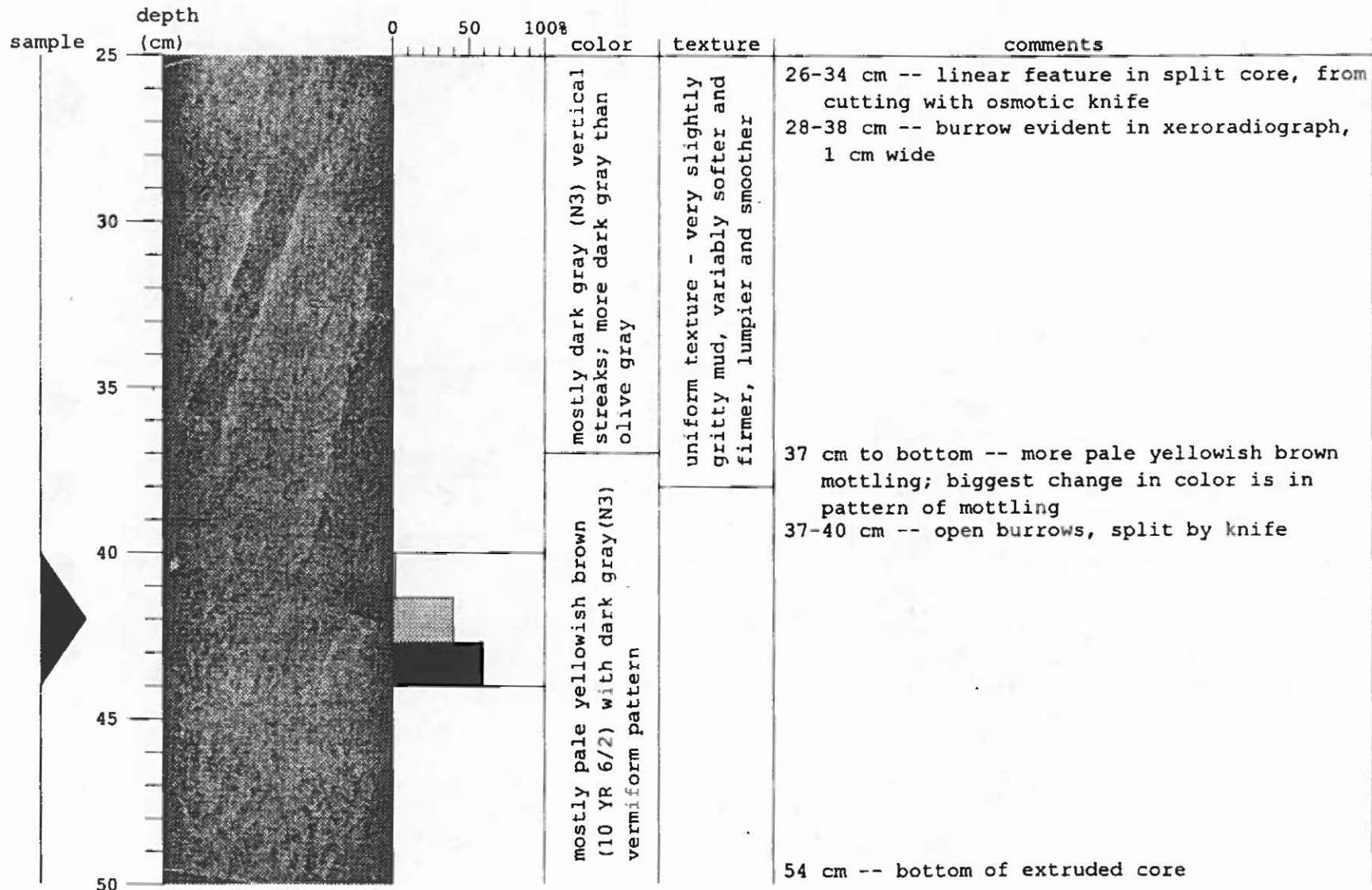
HART-MILLER ISLAND - 12th Year  
Core 12 (cont.) May 10, 1993



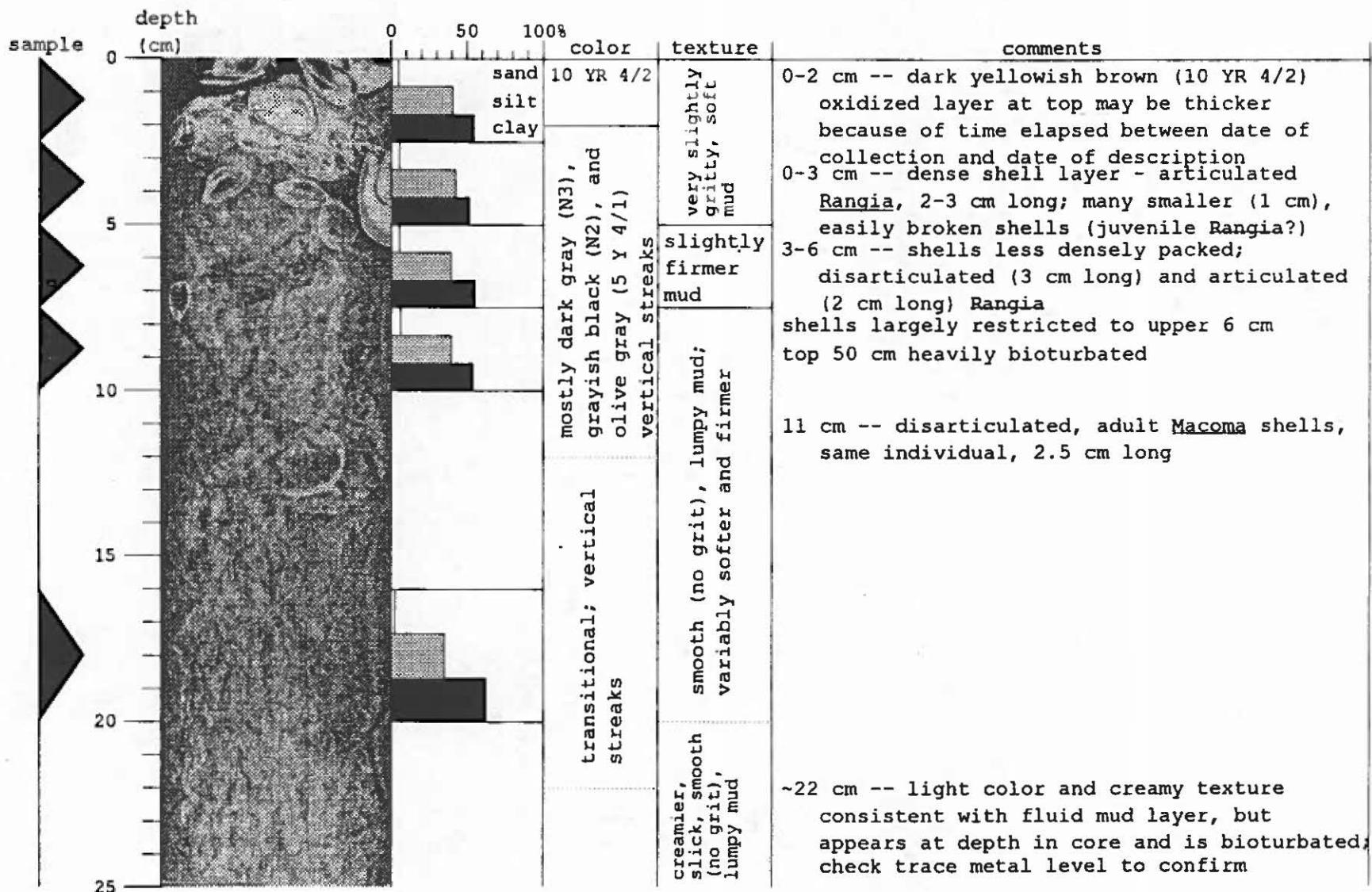
HART-MILLER ISLAND - 12th Year  
Core 25 May 10, 1993



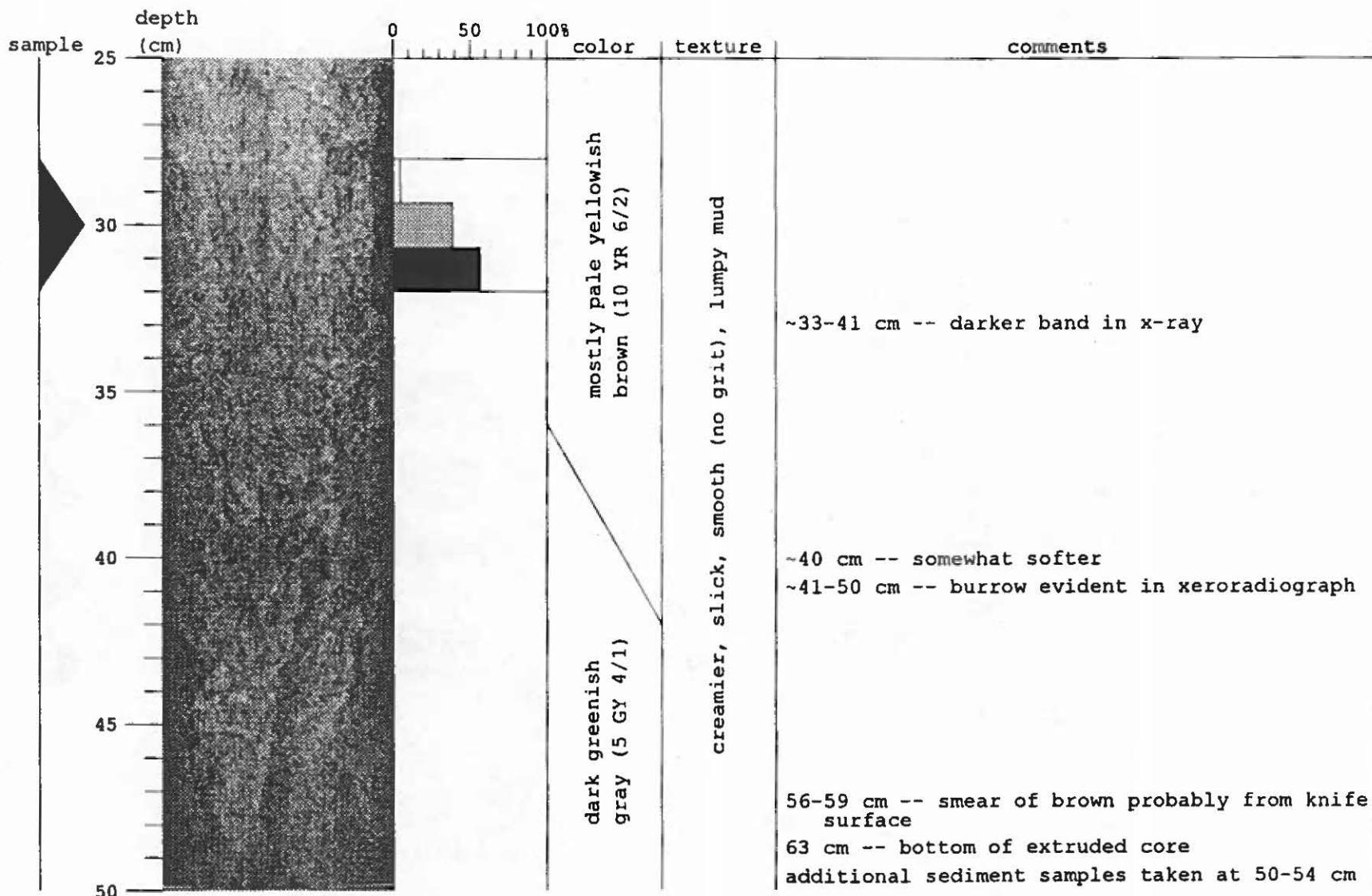
HART-MILLER ISLAND - 12th Year  
 Core 25 (cont.) May 10, 1993



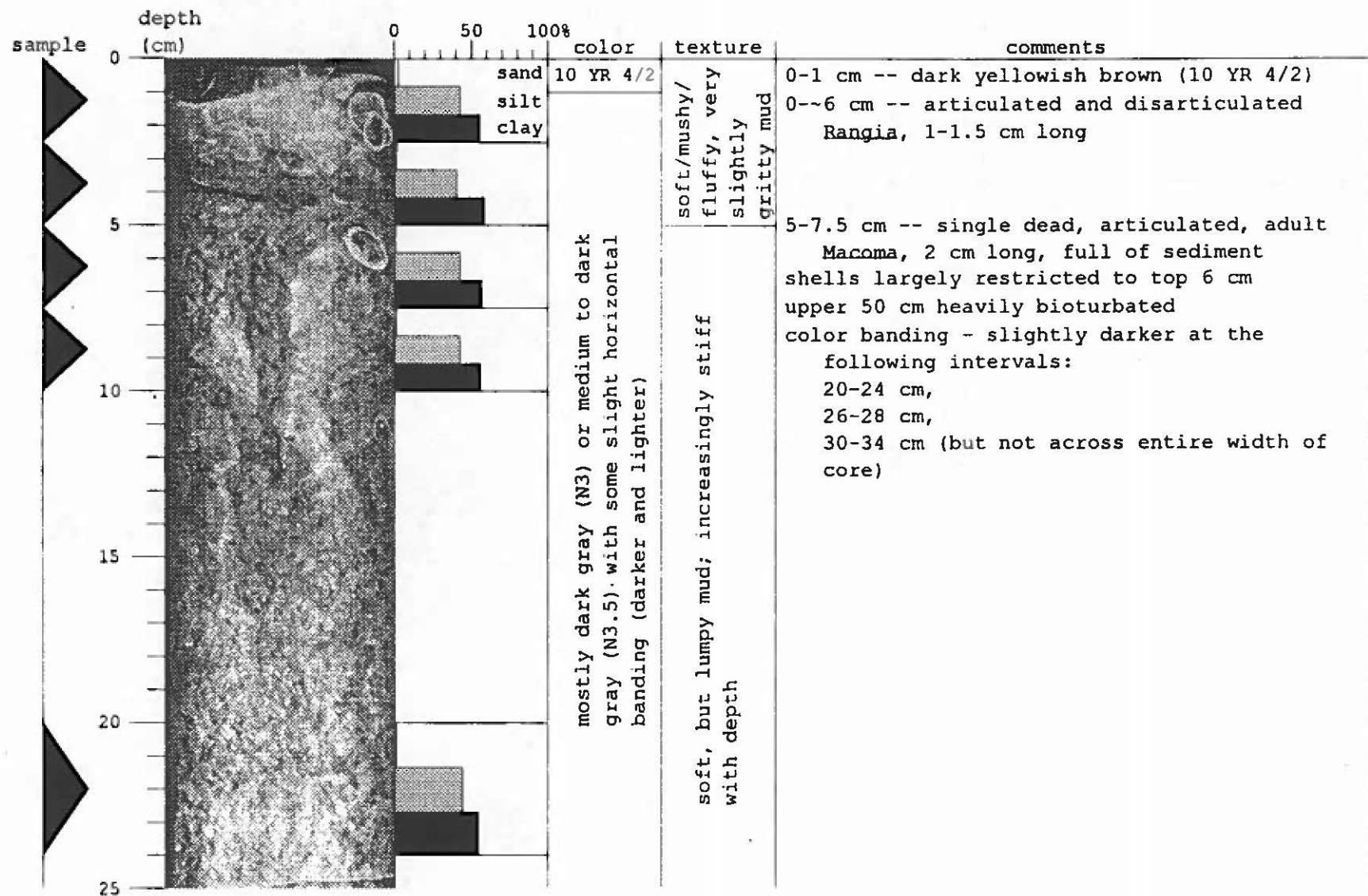
HART-MILLER ISLAND - 12th Year  
 Core BC1 May 10, 1993



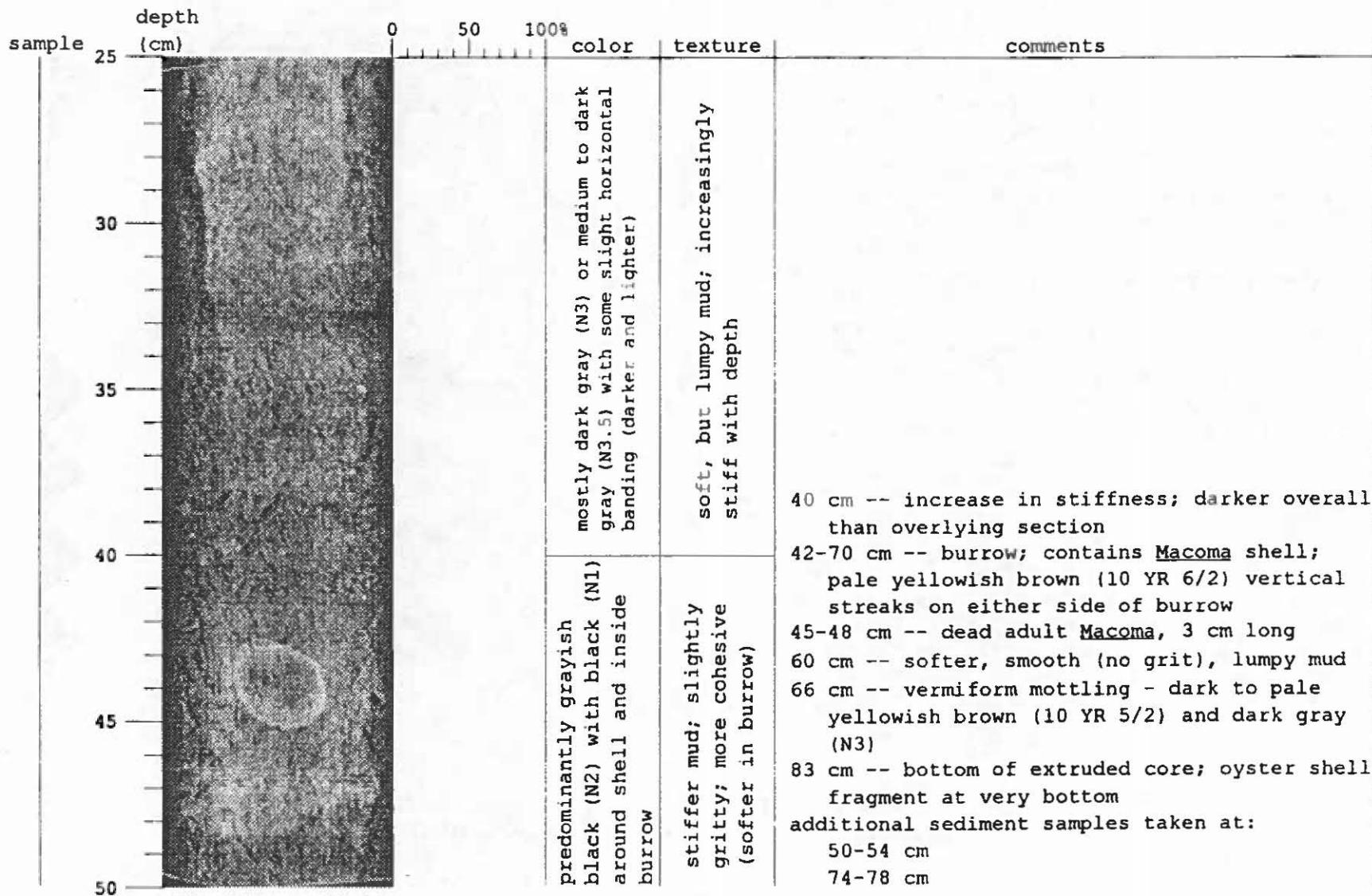
HART-MILLER ISLAND - 12th Year  
Core BC1 (cont.) May 10, 1993



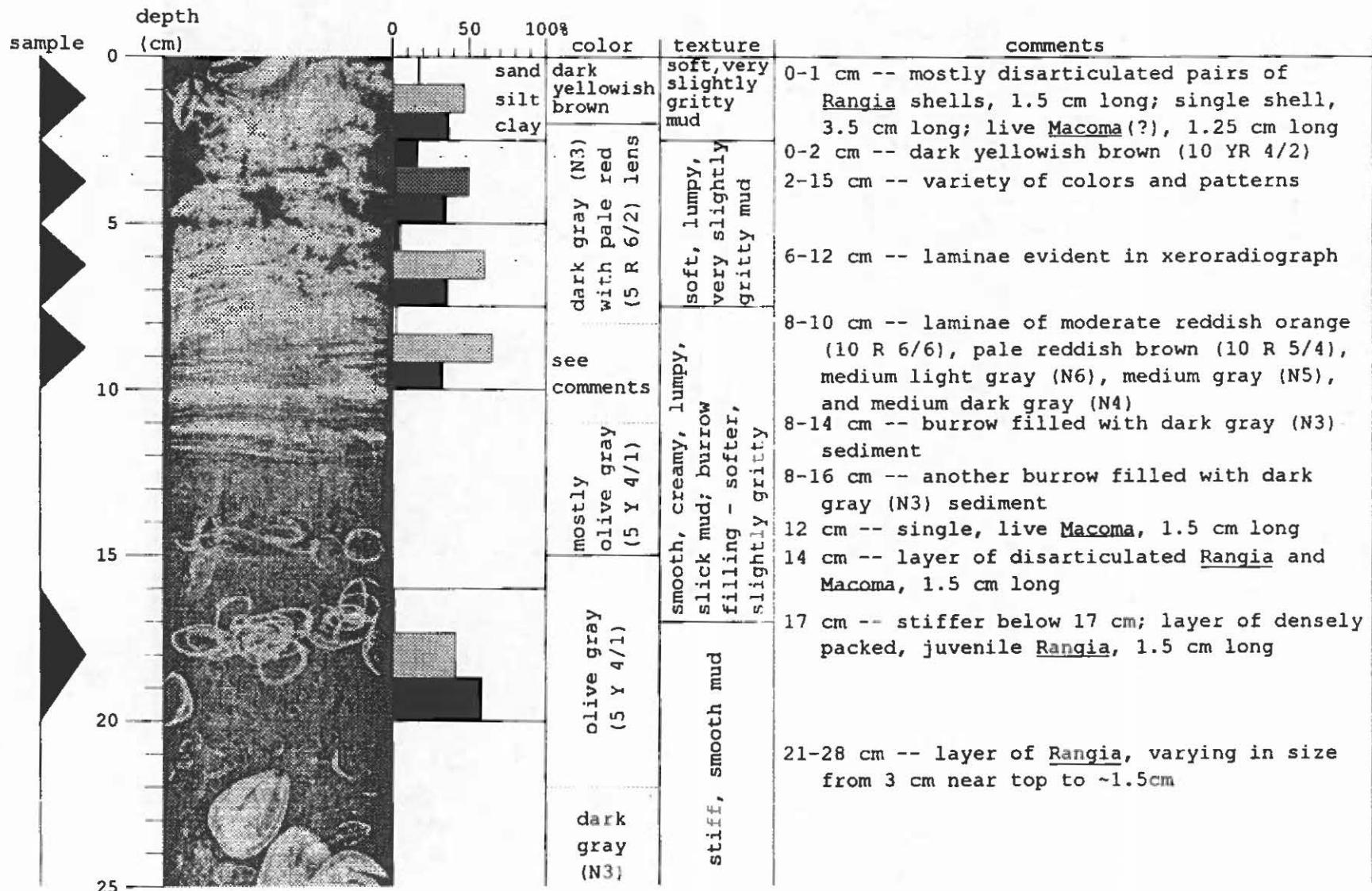
HART-MILLER ISLAND - 12th Year  
 Core BC2 May 10, 1993



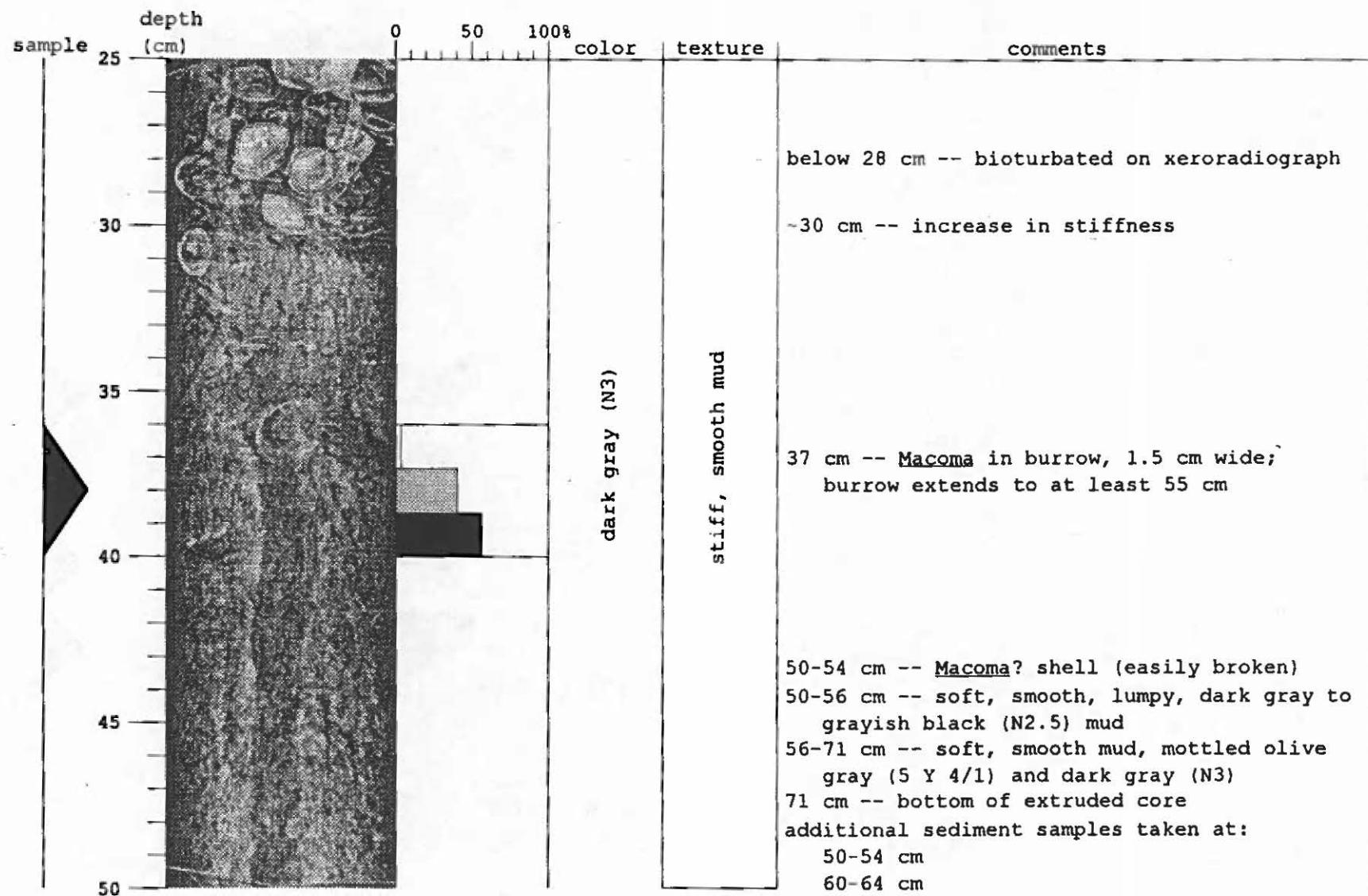
HART-MILLER ISLAND - 12th Year  
Core BC2 (cont.) May 10, 1993



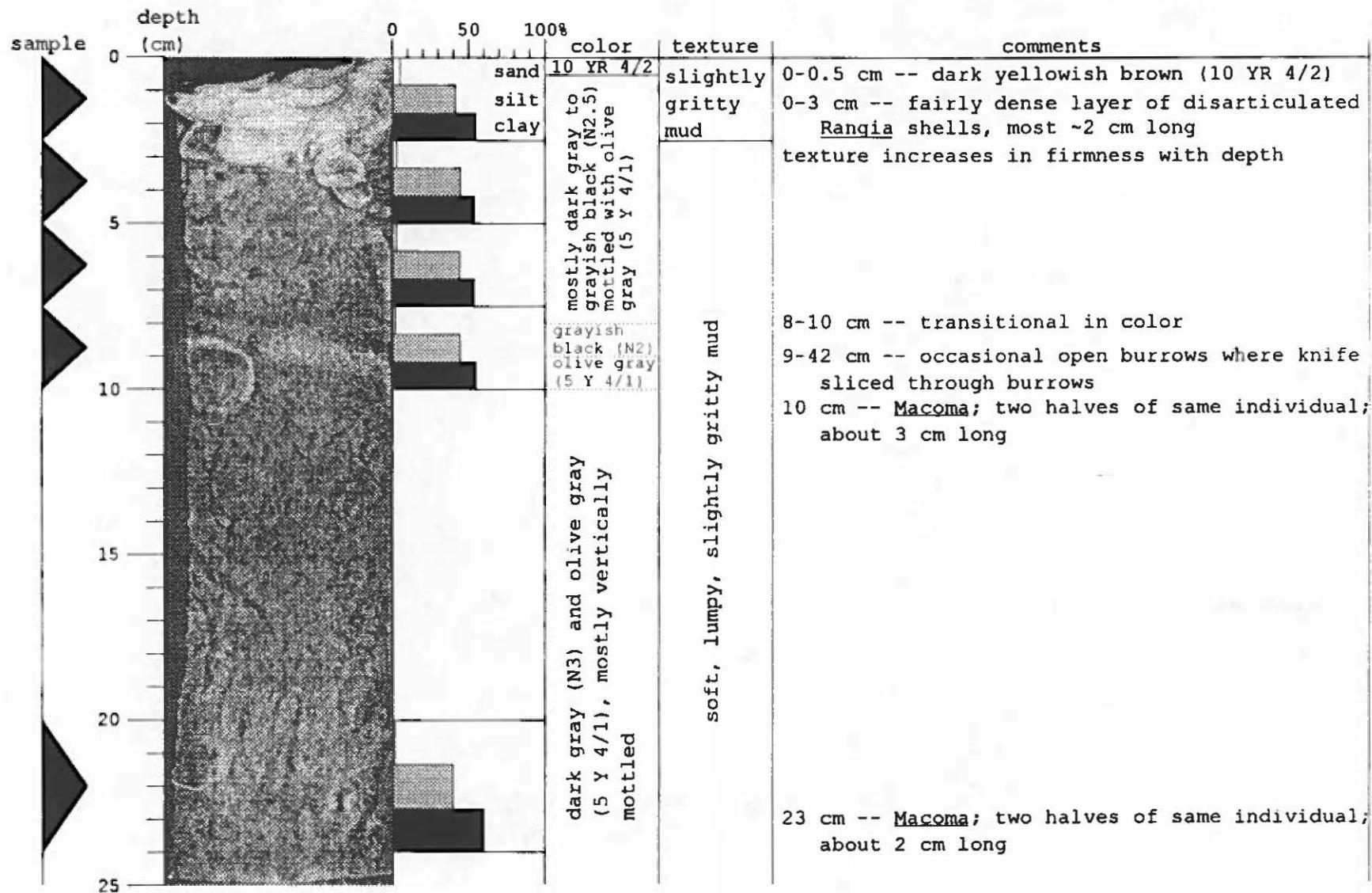
HART-MILLER ISLAND - 12th Year  
Core BC3 May 10, 1993



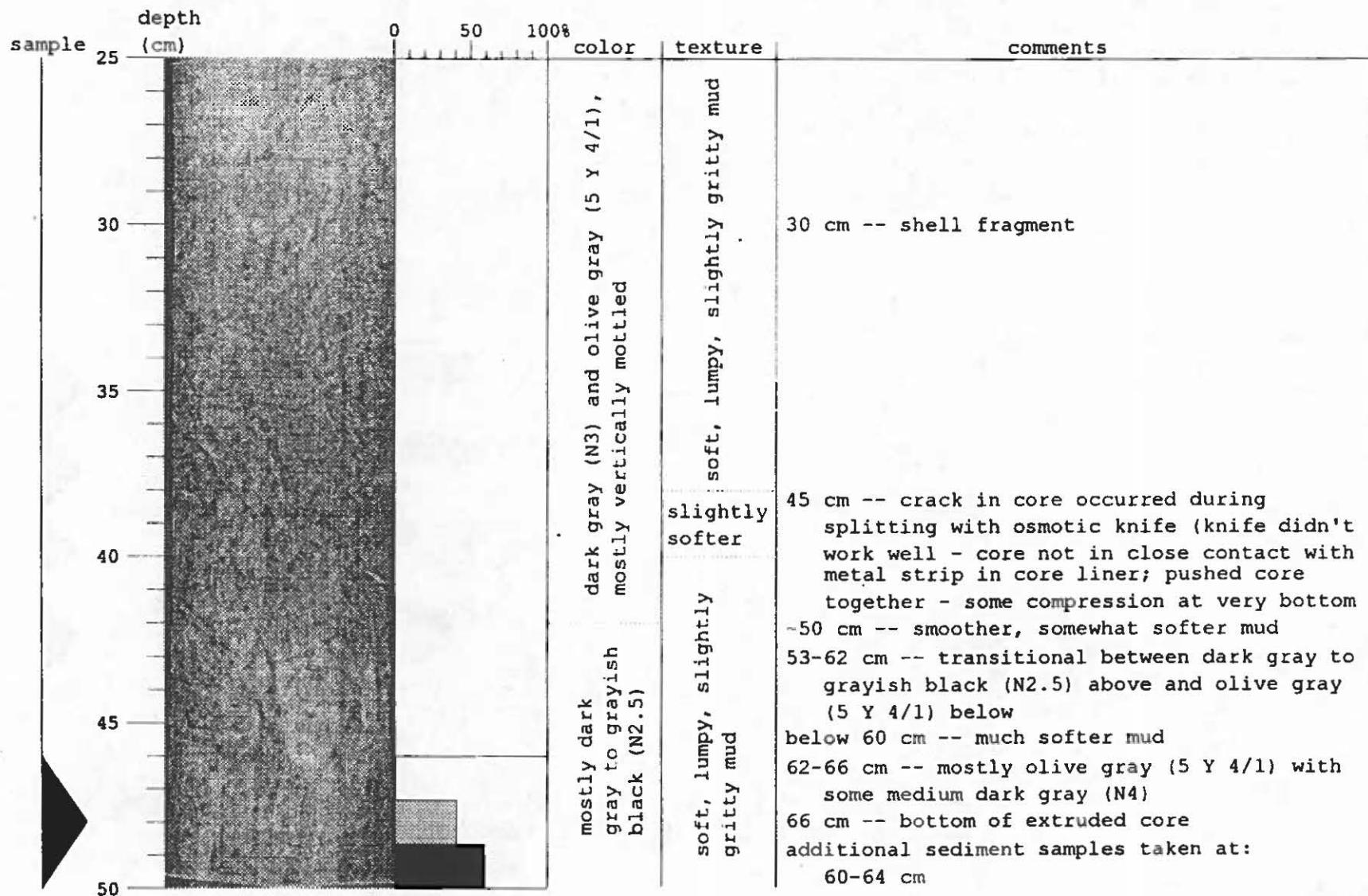
HART-MILLER ISLAND - 12th Year  
 Core BC3 (cont.) May 10, 1993



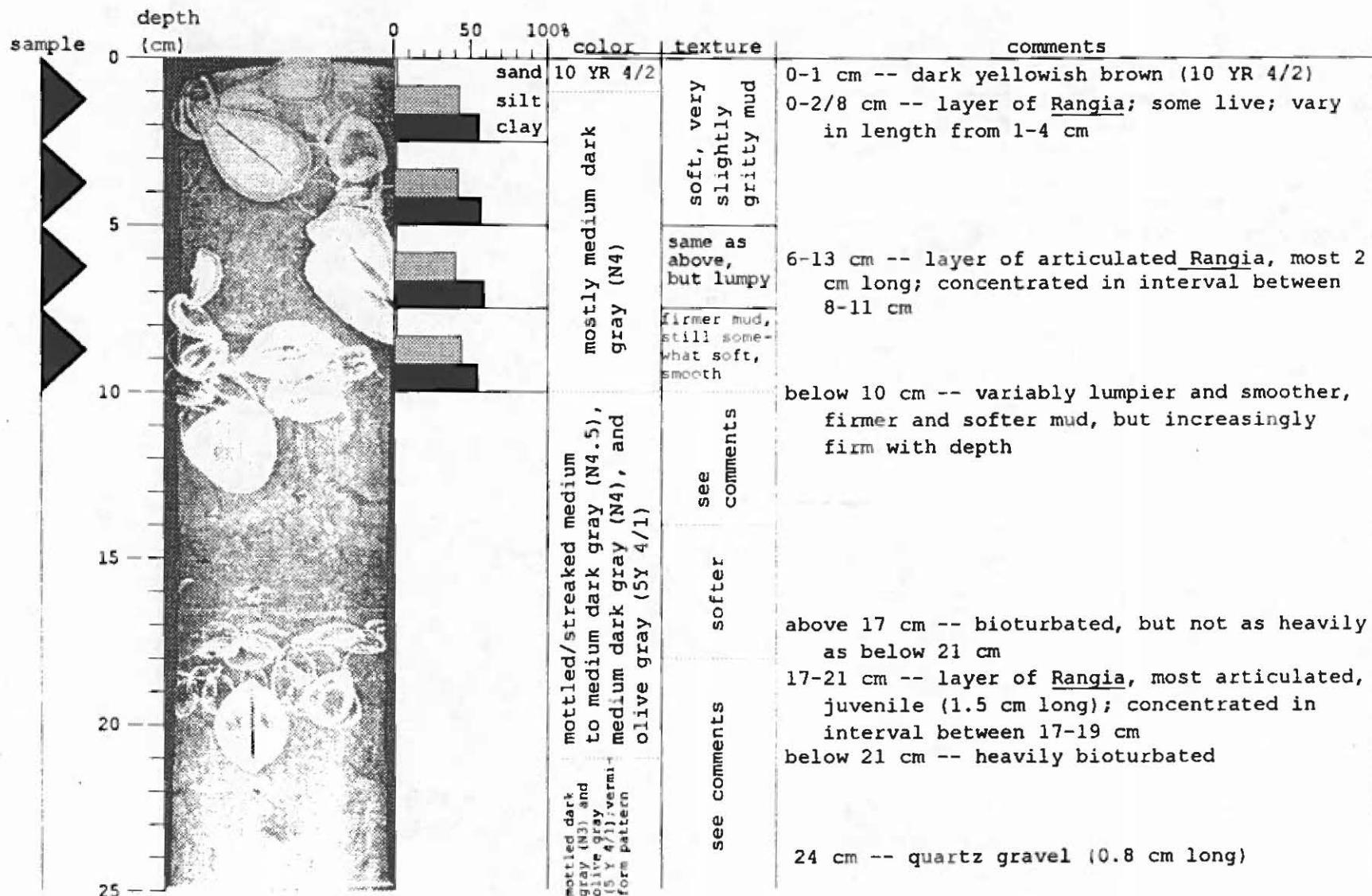
HART-MILLER ISLAND - 12th Year  
 Core BC4 May 10, 1993



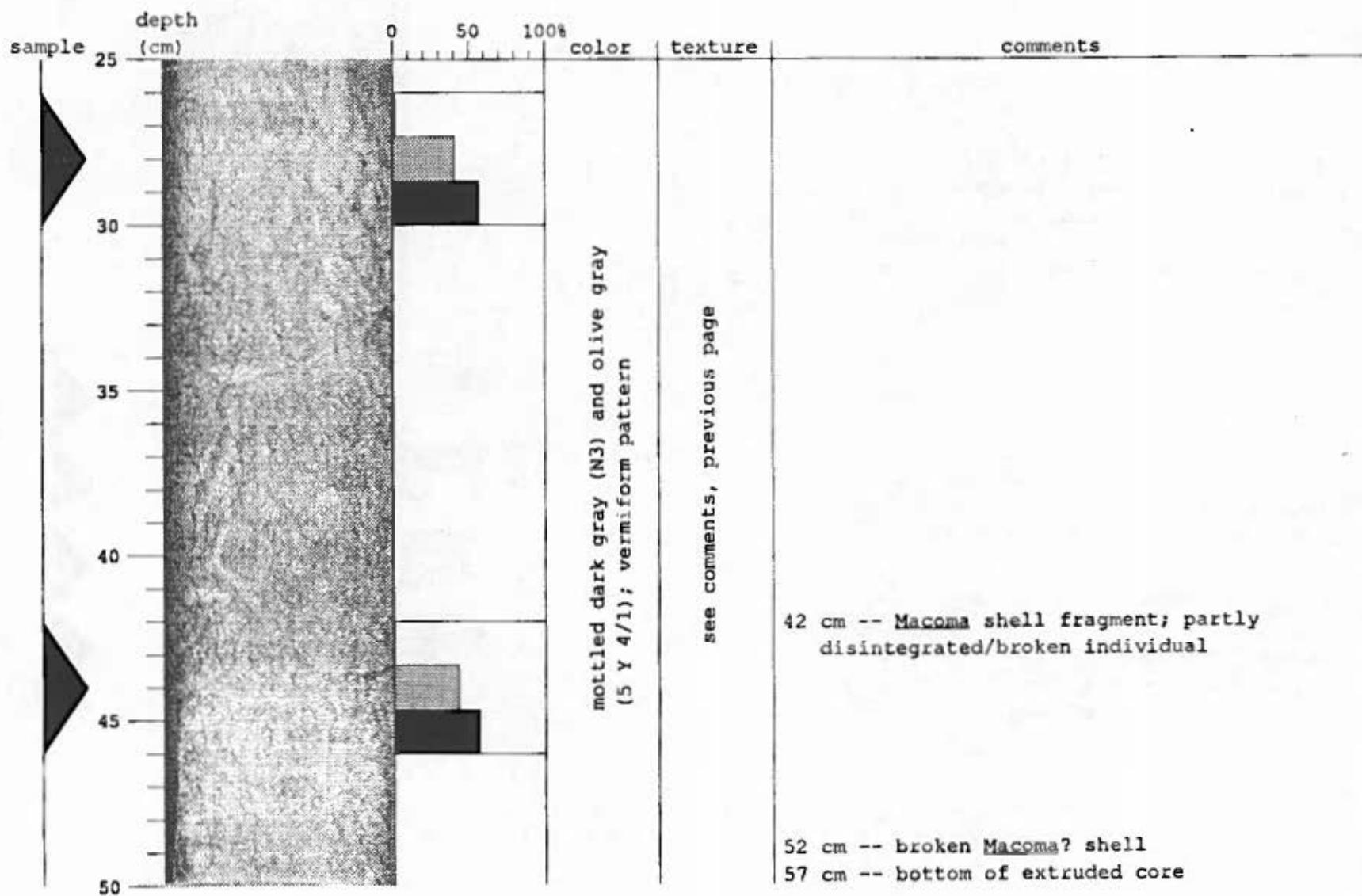
HART-MILLER ISLAND - 12th Year  
Core BC4 (cont.) May 10, 1993



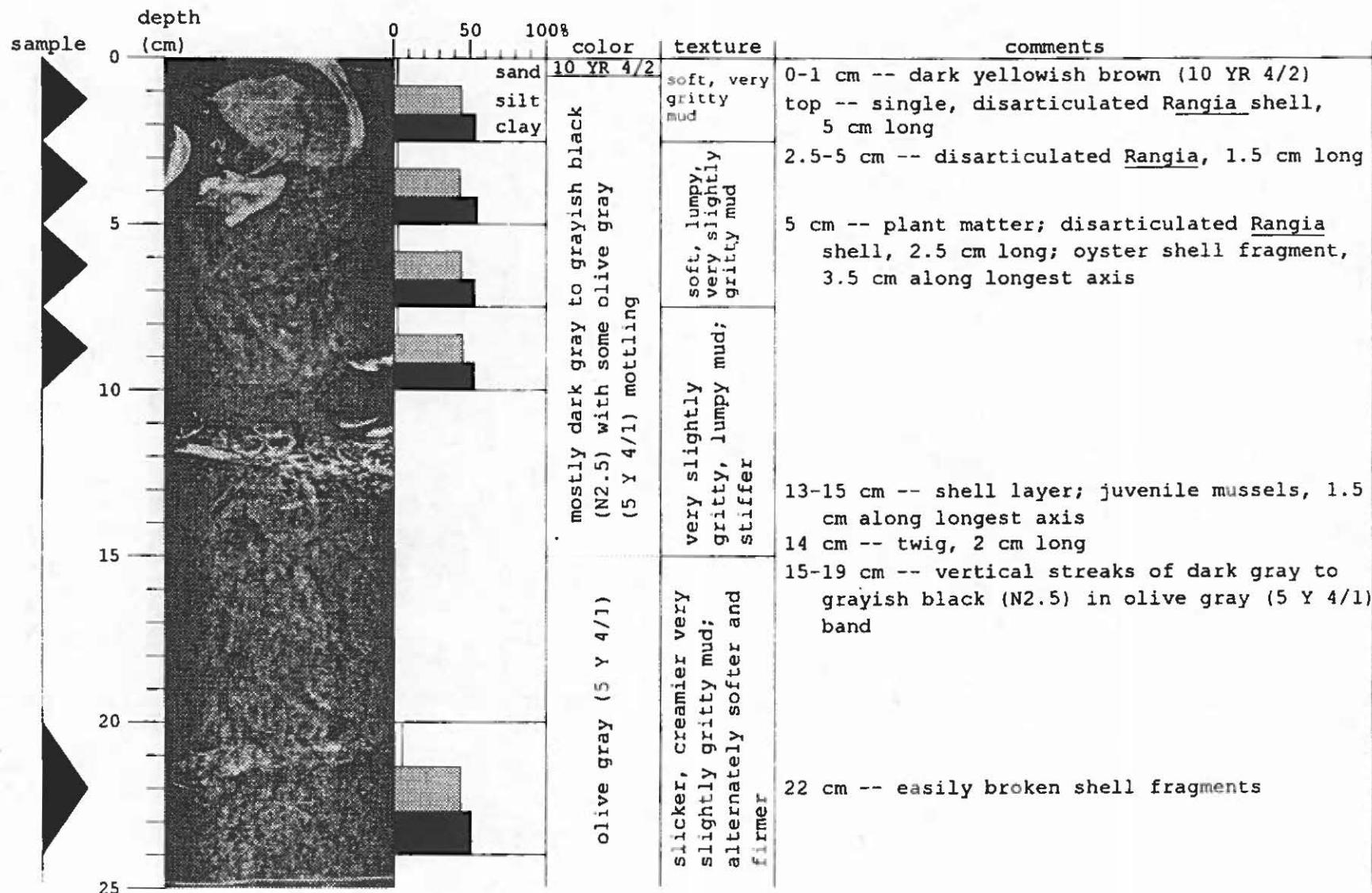
HART-MILLER ISLAND - 12th Year  
 Core BC5 May 10, 1993



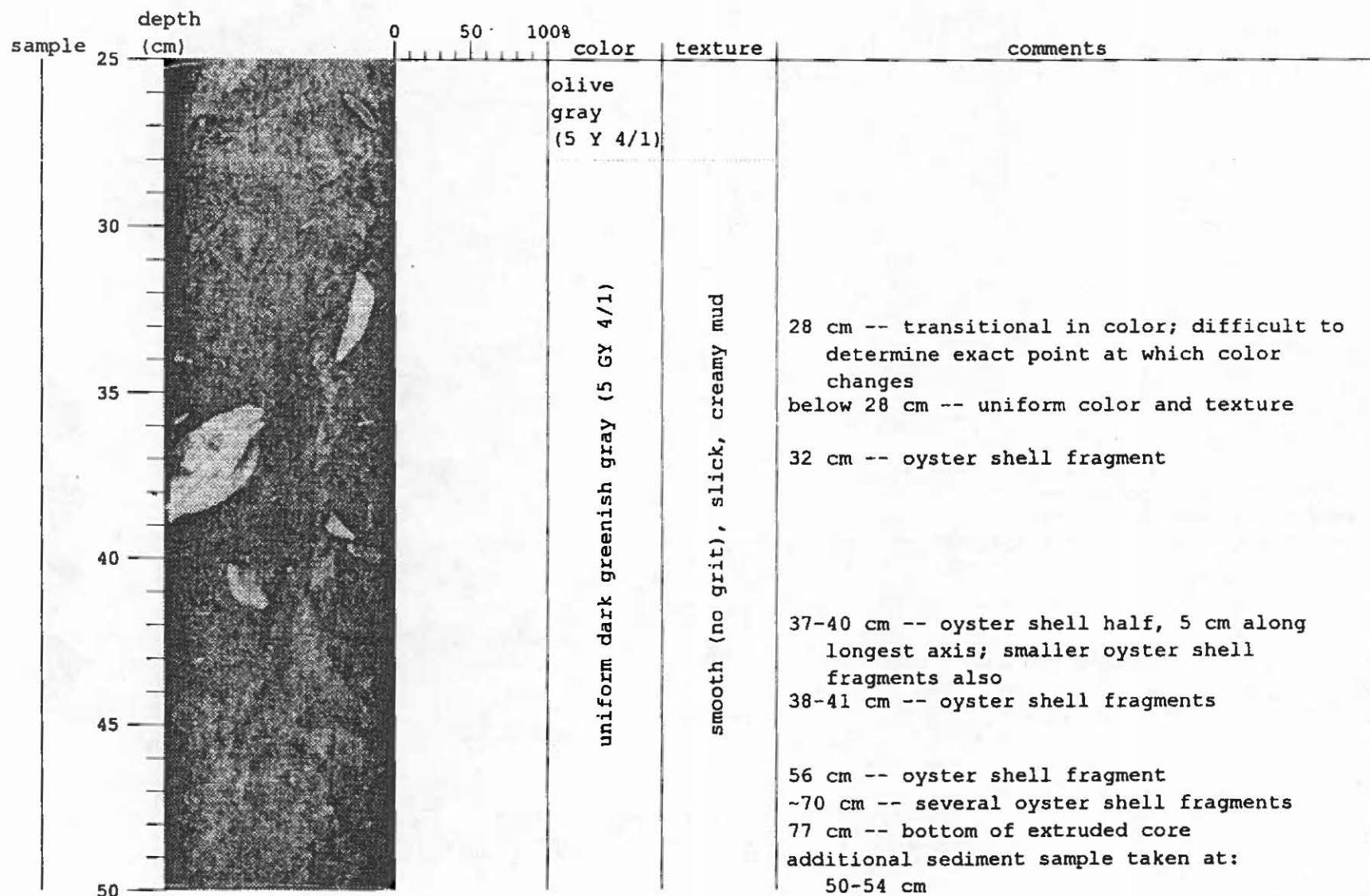
HART-MILLER ISLAND - 12th Year  
Core BC5 (cont.) May 10, 1993



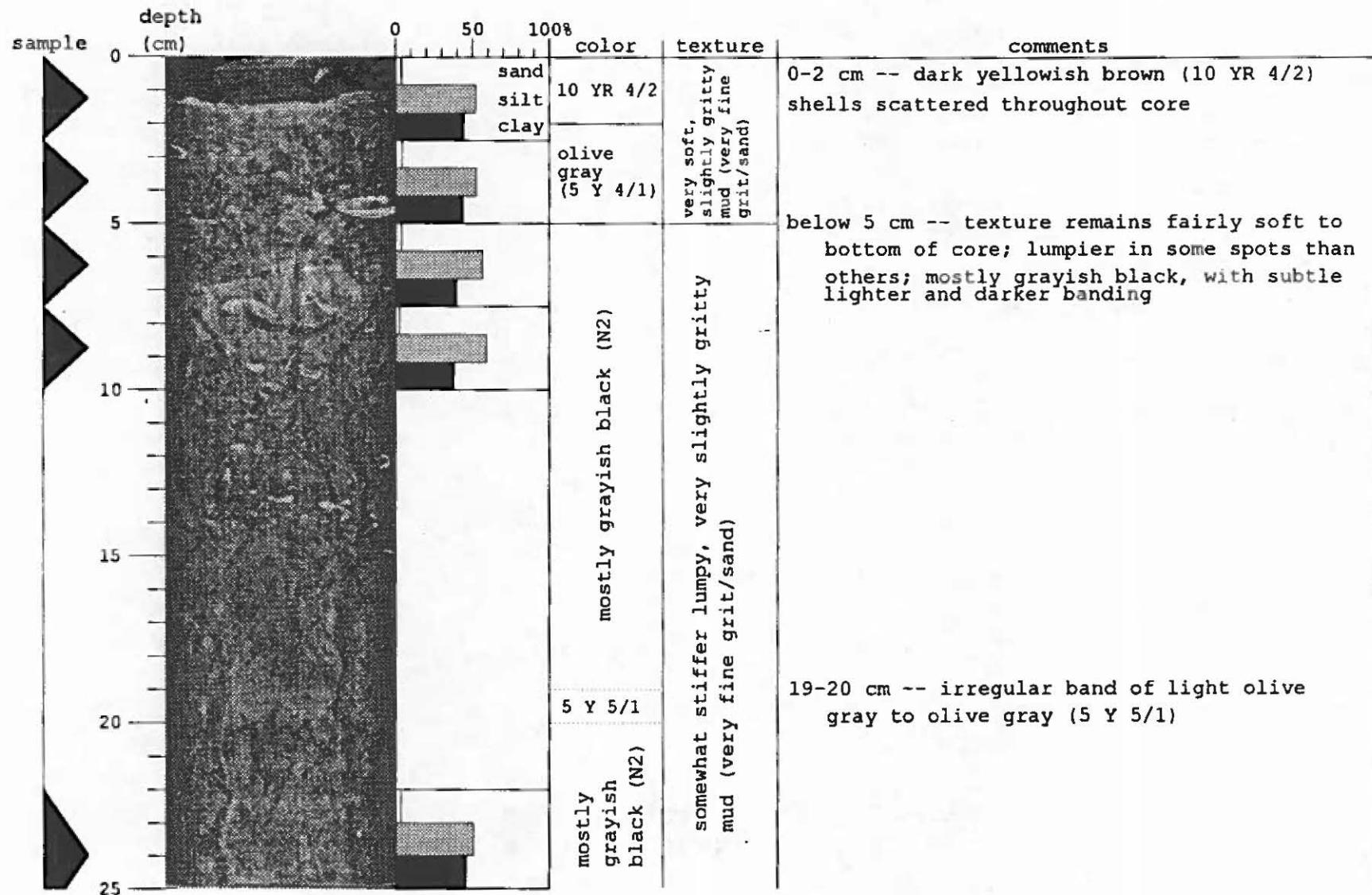
HART-MILLER ISLAND - 12th Year  
 Core BC6 May 10, 1993



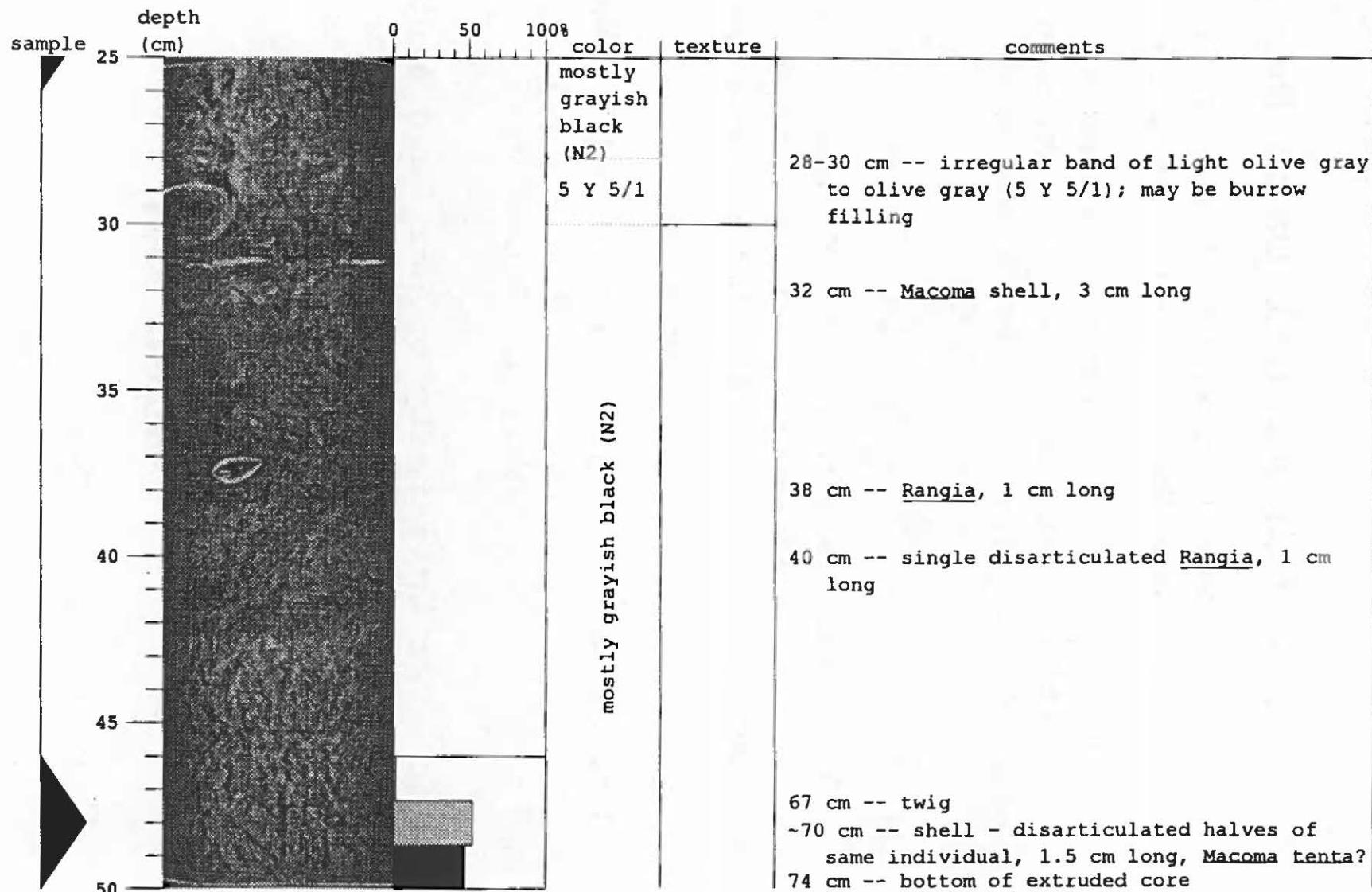
HART-MILLER ISLAND - 12th Year  
Core BC6 (cont.) May 10, 1993



HART-MILLER ISLAND - 12th Year  
 Core BC7 May 10, 1993



HART-MILLER ISLAND - 12th Year  
 Core BC7 (cont.) May 10, 1993



## **Twelfth Annual Data Report**

**Benthic Monitoring Studies - Project III**  
**December 1992-August 1993**

**The Continuing State Assessment of the  
Environmental Impacts of Operation of the  
Hart and Miller Islands Containment Facility  
(HMI)**

**Submitted To:**

**Maryland Department of Natural Resources  
Tidewater Administration  
Monitoring and Data Management Section**

**Prepared By:**

**Dr. Linda E. Duguay, Principal Investigator  
and  
Cynthia A. Shoemaker**

**The University of Maryland System  
Center for Environmental and Estuarine Studies  
Chesapeake Biological Laboratory  
P. O. Box 38  
Solomons, MD 20688-0038**

**August 1994**

# Twelfth Year - Data from Benthic Monitoring Studies

## December 1992 - August 1993

This report contains the data collected under the Twelfth Year Benthic Monitoring Project (Project III) of the Hart-Miller Island Environmental Assessment Program. A series of three cruises were conducted aboard the University of Maryland research vessels RV Orion and RV Aquarius on December 14, 1992, April 1, 1993, and August 2, 1993.

On the three cruises we were able to reach all of the twenty-one stations, illustrated in Figure 1 (Chesapeake Biological Lab - Station Designations) with the single exception of Station R5 in April. Five stations with the HM prefix (HM 7, 9, 16, 22, 26) are benthic infaunal reference sites, and have been sampled since the inception of the project. The eight stations with the S prefix positioned around the perimeter of the island represent the nearfield experimental infaunal stations. Four additional benthic infaunal stations (G5, G25, G84, and HM12) were added successively over the course of the ninth sampling year in response to findings of the sedimentary group from Maryland Geological Survey that an enrichment in Zinc has occurred in the sediments at these stations, which could potentially be a result of effluent discharge. The four stations with the R prefix are epifaunal sampling sites, and consist of various piers/pilings at four locations around the island and at a reference piling (station) located to the southwest of the Hart-Miller Island Dredged Material Containment Facility (HMI).

The benthic infaunal samples (HM, S, and G - in Fig. 1) were obtained with a 0.05 m<sup>2</sup> Ponar grab. Three replicate samples were obtained at each station. These samples were individually washed on a 0.5 mm mesh-opening screen. Samples were preserved in a solution of 10% seawater/formalin with rose bengal stain. The samples were rinsed back at the laboratory on a 0.5 mm sieve and stored in 70% ethyl alcohol until the organisms could be picked, sorted and identified. The epibenthic samples were obtained by scraping a qualitative sample with a specially designed aluminum piling sampler from concrete or wood pilings located at dolphins or fishing piers around the perimeter of the island within about 50 feet of the stone riprap wall of HMI. The metal pole on a navigational beacon at the Pleasure Island Channel served as a Reference site (R5). Two samples were collected at each piling, one sample was taken at about 1-1.3 m below the surface and a second at 2.5-3 m below the water surface.

Individual specimens in the samples were identified to the lowest taxonomic unit possible. The attached sheets present the actual number of individuals recorded for each of the three replicate samples at the quantitative reference (HM) and nearfield (S) stations. Colonial forms and qualitative epibenthic samples (R) were classified to three densities, very abundant (1), abundant or common (2), and present (3). These qualitative designations are recorded on the data sheets for the four epibenthic stations.

Additional ecological data on the sheets includes information on time of sampling, depth recorded (from the ships fathometer), tidal state (E = ebb, F = flood, H = high slack, L = low

slack) and weather conditions (see Table 1 for the code). Both temperature and salinity were measured on the surface and the bottom with Hydrolab's Surveyor 3 system and are presented in Table 2 for the various stations on the different sampling dates. Table 2 also lists the state designations for each of the sampling stations.

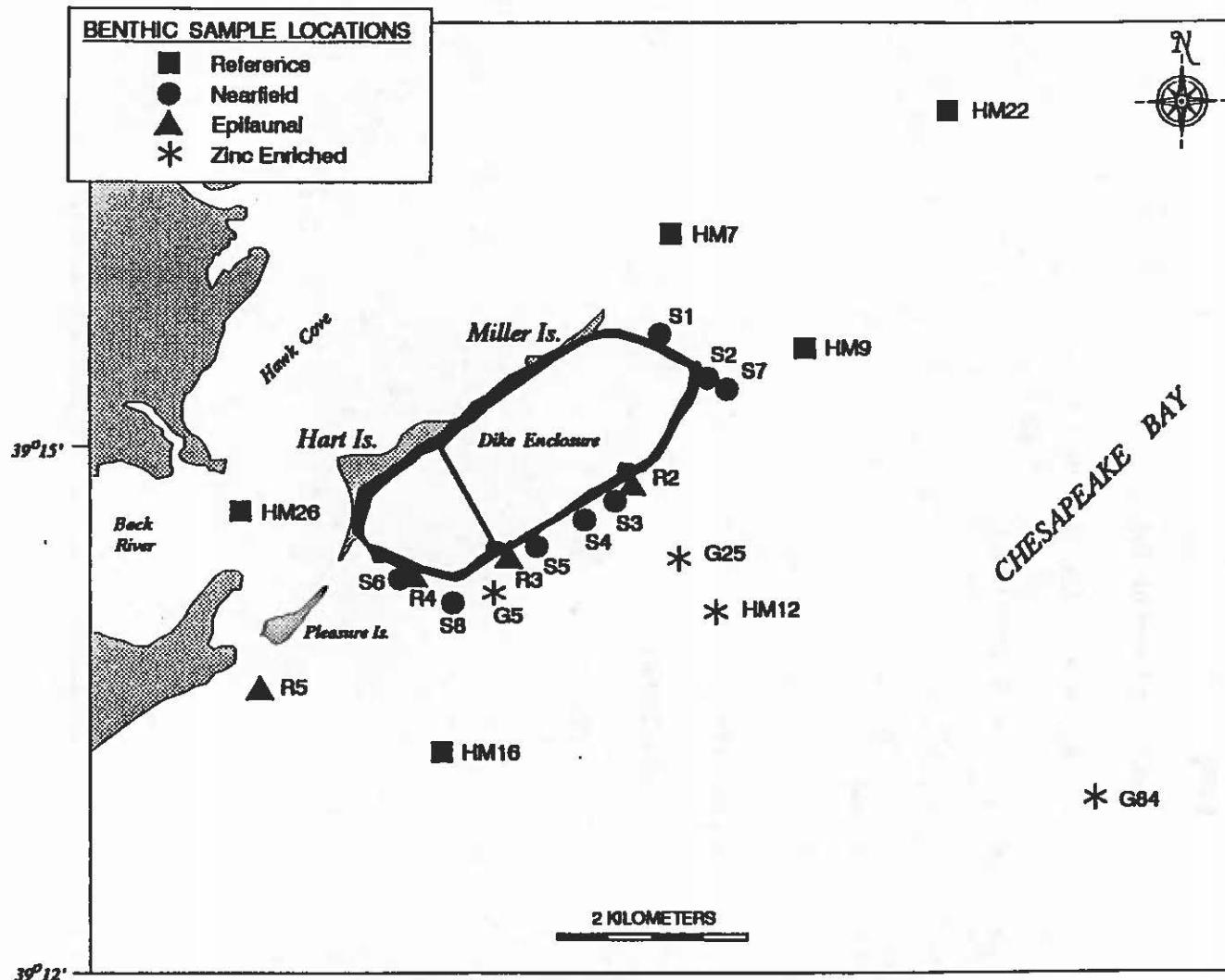


Figure 1. Benthic infaunal and epifaunal sampling station locations at HMI.  
University of Maryland, Chesapeake Biological Laboratory designations.

TABLE 1:

**WEATHER CODES FOR BENTHIC DATA SHEETS** - this is a one (1) digit numeric value which describes the weather conditions at the time the sample was collected.

0 - clear (no clouds)

1 - partly cloudy

2 - continuous layers of clouds

3 - blowing snow, sandstorm or dust storm

4 - fog, haze, or thick dust

5 - drizzle

6 - rain

7 - snow, or rain and snow mixed

8 - showers

9 - thunderstorms

-- blank, not recorded

TABLE 2: Salinity (in parts/thousand-0/00), temperature (in degrees centigrade- $^{\circ}$ C), and depth (in feet-ft.) for the 22 stations on the three collection dates during the Twelfth Year of monitoring studies at HMI.

CBL STA. ID	STATE STA. #	DECEMBER 92			APRIL 93			AUGUST 93		
		DEPTH	TEMP.	SAL.	DEPTH	TEMP.	SAL.	DEPTH	TEMP.	SAL.
R2	XIF4813	**NR	NR	NR	0	10.84	0.2	0	27.81	6.5
R2	XIF4813	NR	NR	NR	11	9.51	0.2	10	26.42	7.1
R3	XIF4514	NR	NR	NR	NR	NR	NR	NR	NR	NR
R3	XIF4514	NR	NR	NR	NR	NR	NR	NR	NR	NR
R4	XIF4518	NR	NR	NR	NR	NR	NR	0	27.4	6.6
R4	XIF4518	NR	NR	NR	NR	NR	NR	7.5	27.41	6.6
R5	XIF3638	NR	NR	NR	NS	NS	NS	NR	NR	NR
R5	XIF3638	NR	NR	NR	NS	NS	NS	NR	NR	NR
S1	XIF5710	0	4.45	3.1	0	10.08	0.2	0	26.6	6.5
S1	XIF5710	7	4.39	3.2	8	9.05	0.2	8	26.59	6.6
S2	XIF5406	0	4.51	3.4	0	9.61	0.2	0	26.59	6.6
S2	XIF5406	12	5.23	5.8	14	9.07	0.4	14	26.49	6.8
S3	XIF4811	0	4.64	4.2	0	9.45	0.2	0	26.79	6.6
S3	XIF4811	18	5.55	6.6	18	9.14	0.4	17	26.21	8.3
S4	XIF4715	0	4.68	4.3	0	9.77	0.2	0	26.92	7.1
S4	XIF4715	15	5.76	7.6	16	9.02	0.5	16	26.19	8.5
S5	XIF4420	0	4.7	4.2	0	9.19	0.4	0	26.86	8.3
S5	XIF4420	20	5.66	7.4	20	8.89	0.7	22	26.16	9
S6	XIF4327	0	4.66	4.4	0	9.08	0.1	0	26.45	6.7
S6	XIF4327	10	4.61	4.8	12	9.41	1.4	12	26.42	8.5
S7	XIG5405	0	4.44	3.3	0	9.06	0.1	0	26.6	6.8
S7	XIG5405	14	5.27	5.9	15	8.99	0.4	16	26.44	7
S8	XIF4124	0	4.54	4.4	0	8.94	0.5	0	26.7	7.8
S8	XIF4124	16	5.03	5.6	15	9.4	1.4	16	26.03	9.1
HM7	XIF6388	0	4.69	3.7	0	9.97	0.3	0	26.93	6.4
HM7	XIF6388	12	4.76	4.4	13	9.55	1.5	12	26.33	7
HM9	XIF5297	0	5.01	4.9	0	9.01	0.1	0	26.97	7.3
HM9	XIF5297	17	5.44	5.9	18	8.41	0.3	18	26.4	7.5
HM12	XIF5805	0	5.18	5.4	0	8.17	0.1	0	26.59	8.9
HM12	XIF5805	18	6.03	8.3	18	7.36	0.1	18	26.04	9
HM16	XIF3325	0	4.89	4.5	0	8.88	0.4	0	26.65	7.9
HM16	XIF3325	18	5.88	7.9	19	8.74	0.6	20	26.07	9.3
HM22	XIG7689	0	4.45	2.9	0	9.82	0.1	0	26.7	7.1
HM22	XIG7689	12	5.35	5.7	14	8.18	0.1	13	26.56	7.1
HM26	XIF5145	0	4.26	3.9	0	10.65	1	0	27.43	6.6
HM26	XIF5145	18	4.52	4.7	16	10.08	1.6	16	26.33	7.3
G5	XIF4221	0	4.55	4.3	0	8.95	0.5	0	26.75	8.3
G5	XIF4221	17	4.79	5.5	18	9.12	0.9	17	26.1	9
G25	XIF4405	0	4.89	4.6	0	8.99	0.2	0	26.73	8
G25	XIF4405	18	6	8.2	18	8.92	0.6	18	26.12	8.9
G84	XIG3570	0	5.66	5.9	0	7.06	0.3	0	26.56	8.5
G84	XIG3570	12	6.46	8.8	20	5.92	5.5	13	26.12	8.5

\*NS= NOT SAMPLED

\*\*NR= NOT RECORDED

**PROJECT IV**  
**ANALYTICAL SERVICES**

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

1

----- STATION=XIF3325 DATE=92-12-14 TIME=1004 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3913170 LONG=7622300 TIDE= WEATHER=CLOUDY -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	16
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	29
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	23
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	6
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	14
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	34
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	16
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	42
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	32
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	41
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	8
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	11
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	14
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	34
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	39
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	39
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	167
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	57
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	125
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	17
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	16
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	15
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	9
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	3	5

----- STATION=XIF3325 DATE=93-04-01 TIME=923 DEPTH=19 COUNTY=BA BASIN=2139997 LAT=3913170 LONG=7622300 TIDE= WEATHER=FOG-HAZE -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	1

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

2

----- STATION=XIF3325 DATE=93-04-01 TIME=923 DEPTH=19 COUNTY=BA BASIN=2139997 LAT=3913170 LONG=7622300 TIDE= WEATHER=FOG-HAZE -----  
 (continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	6
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	42
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	21
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	62
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	6
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	8
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	20
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	19
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	247
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	6
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	17
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	18
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	24
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	41
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	30
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	34
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	COROPHUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	142
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	185
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	200
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	3	6
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	8
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	6
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	6
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	3	1

----- STATION=XIF3325 DATE=93-08-02 TIME=951 DEPTH=20 COUNTY=BA BASIN=2139997 LAT=3913170 LONG=7622300 TIDE=EBB WEATHER=CLEAR -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	10
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	4

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

3

----- STATION=XIF3325 DATE=93-08-02 TIME=951 DEPTH=20 COUNTY=BA BASIN=2139997 LAT=3913170 LONG=7622300 TIDE=EBB WEATHER=CLEAR -----  
 (continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	6
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	11
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	8
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	6
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	9
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	10
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	12
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	102
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	12
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	7
GRAB	BIOTA	HYDROBIA SP	NUMBER OF INDIVIDUALS	64	COUNT	1	15
GRAB	BIOTA	HYDROBIA SP	NUMBER OF INDIVIDUALS	64	COUNT	3	12
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	45
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	11
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	32
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	26
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	14
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	21
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	15
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	14
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	15
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	UNIDENTIFIED CHIRONomid LARVAE	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	UNIDENTIFIED CHIRONomid LARVAE	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	UNIDENTIFIED CHIRONomid LARVAE	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	2	76
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	3	94

----- STATION=XIF3638 DATE=92-12-14 TIME=1500 DEPTH=3 COUNTY=BA BASIN=2139997 LAT=3913370 LONG=7623470 TIDE= WEATHER=CLOUDY -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	WHITE BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	

5/16/03  
OK

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

4

----- STATION=XIF3638 DATE=92-12-14 TIME=1500 DEPTH=3 COUNTY=BA BASIN=2139997 LAT=3913370 LONG=7623470 TIDE= WEATHER=CLOUDY -----  
 (continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	GAMMARUS TIGRINUS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	VICTORELLA PAVIDA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	

----- STATION=XIF3638 DATE=92-12-14 TIME=1500 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3913370 LONG=7623470 TIDE= WEATHER=CLOUDY -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	VICTORELLA PAVIDA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	

---- STATION=XIF3638 DATE=93-08-02 TIME=1445 DEPTH=3 COUNTY=BA BASIN=2139997 LAT=3913370 LONG=7623470 TIDE=FLOOD WEATHER=CLEAR ----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	CORDYLOPHORA CASPIA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	GARVEIA FRANCISCANA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	WHITE BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	VICTORELLA PAVIDA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	

---- STATION=XIF3638 DATE=93-08-02 TIME=1445 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3913370 LONG=7623470 TIDE=FLOOD WEATHER=CLEAR ----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	CORDYLOPHORA CASPIA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	GARVEIA FRANCISCANA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	WHITE BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	VICTORELLA PAVIDA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

5

----- STATION=XIF4124 DATE=92-12-14 TIME=1030 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914080 LONG=7622240 TIDE= WEATHER=CLOUDY -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	6
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	13
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	8
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	15
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	54
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	26
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	25
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	27
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	30
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	29
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	32
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	21
GRAB	BIOTA	MONOCULODES EDWARDSSI	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	MONOCULODES EDWARDSSI	NUMBER OF INDIVIDUALS	64	COUNT	3	12
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	1

----- STATION=XIF4124 DATE=93-04-01 TIME=1002 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3914080 LONG=7622240 TIDE= WEATHER=FOG-HAZE -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	6
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	24
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	8
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	6
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	35
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	7
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	17
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	19
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	26
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	27

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

6

---- STATION=XIF4124 DATE=93-04-01 TIME=1002 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3914080 LONG=7622240 TIDE= WEATHER=FOG-HAZE ----  
 (continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	29
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	COROPHUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	51
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	68
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	67
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MONOCULODES EDWARDSSI	NUMBER OF INDIVIDUALS	64	COUNT	2	6
GRAB	BIOTA	MONOCULODES EDWARDSSI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	2	8

---- STATION=XIF4124 DATE=93-08-02 TIME=1015 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914080 LONG=7622240 TIDE=EBB WEATHER=CLEAR ----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	97
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	54
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	32
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	47
GRAB	BIOTA	HYDROBIA SP	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	HYDROBIA SP	NUMBER OF INDIVIDUALS	64	COUNT	3	6
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	15
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	46
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	47
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	8
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	9
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	14
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	10
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	12
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	1	1

5/16/03  
OK

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

7

----- STATION=XIF4124 DATE=93-08-02 TIME=1015 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914080 LONG=7622240 TIDE=EBB WEATHER=CLEAR -----  
 (continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	UNIDENTIFIED CHIRONOMID LARVAE	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	UNIDENTIFIED CHIRONOMID LARVAE	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	UNIDENTIFIED CHIRONOMID LARVAE	NUMBER OF INDIVIDUALS	64	COUNT	3	1

----- STATION=XIF4221 DATE=92-12-14 TIME=1042 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3914250 LONG=7622360 TIDE= WEATHER=CLOUDY -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	11
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	18
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	29
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	12
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	13
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	26
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	57
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	10
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	12
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	24
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	39
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	34
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	46
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	8
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	37
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	10
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	17
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	1	1

5/16/93  
OK

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

8

---- STATION=XIF4221 DATE=93-04-01 TIME=1041 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3914250 LONG=7622360 TIDE= WEATHER=FOG-HAZE ----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	6
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	20
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	17
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	26
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	19
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	24
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	130
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	27
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	12
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	20
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	28
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	23
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	87
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	72
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	65
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	16
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	12
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	9
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	2	1

5/16/93  
OK

---- STATION=XIF4221 DATE=93-08-02 TIME=1022 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3914250 LONG=7622360 TIDE=EBB WEATHER=CLEAR ----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	9
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	29
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	21
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	48
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	4

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

9

----- STATION=XIF4221 DATE=93-08-02 TIME=1022 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3914250 LONG=7622360 TIDE=EBB WEATHER=CLEAR -----  
 (continued)

5/16/03  
OK

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	15
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	23
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	8
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	15
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	26
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	12
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	10
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	37
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	16
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	1	11
GRAB	BIOTA	UNIDENTIFIED CHILOPOD LARVAE	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	2	8

----- STATION=XIF4327 DATE=92-12-14 TIME=1021 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3914170 LONG=7622410 TIDE= WEATHER=CLOUDY -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	53
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	44
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	40
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	22
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	37
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	24
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	68
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	90
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	137
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	286
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	328
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	228
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	9
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	11
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	6
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	36
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	43
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	20
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	6
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	9

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

10

----- STATION=XIF4327 DATE=92-12-14 TIME=1021 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3914170 LONG=7622410 TIDE= WEATHER=CLOUDY -----  
 (continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	SOFTSHELL CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	22
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	21
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	23
GRAB	BIOTA	CHIRODOTEA ALMYRA	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	2	7
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	3	9
GRAB	BIOTA	COROPHUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	1	13
GRAB	BIOTA	COROPHUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	2	14
GRAB	BIOTA	COROPHUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	3	9
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	245
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	250
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	139
GRAB	BIOTA	GAMMARUS TIGRINUS	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	2	7
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	MONOCULODES EDWARDSSI	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	MONOCULODES EDWARDSSI	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	MONOCULODES EDWARDSSI	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	3	10

----- STATION=XIF4327 DATE=93-04-01 TIME=1015 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3914170 LONG=7622410 TIDE= WEATHER=FOG-HAZE -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	15
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	14
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	24
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	26
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	15
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	30
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	46
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	131
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	97
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	23
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	23
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	23
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

11

---- STATION=XIF4327 DATE=93-04-01 TIME=1015 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3914170 LONG=7622410 TIDE= WEATHER=FOG-HAZE ----  
 (continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	37
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	26
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	23
GRAB	BIOTA	CHIRODOTEA ALMYRA	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	134
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	151
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	150
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	9
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	8
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	6
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	3	1

---- STATION=XIF4327 DATE=93-08-02 TIME=1005 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3914170 LONG=7622410 TIDE=EBB WEATHER=CLEAR ----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	9
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	13
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	9
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	12
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	9
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	7
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	7
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	93
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	59
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	59
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	37
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	20
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	37
GRAB	BIOTA	HYDROBIA SP	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	HYDROBIA SP	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	78
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	61
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	51
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	2

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

12

----- STATION=XIF4327 DATE=93-08-02 TIME=1005 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3914170 LONG=7622410 TIDE=EBB WEATHER=CLEAR -----  
 (continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	25
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	20
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	29
GRAB	BIOTA	CHIRODOTEA ALMYRA	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	UNIDENTIFIED CHIRONOMID LARVAE	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	UNIDENTIFIED CHIRONOMID LARVAE	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	UNIDENTIFIED CHIRONOMID LARVAE	NUMBER OF INDIVIDUALS	64	COUNT	3	3

----- STATION=XIF4405 DATE=92-12-14 TIME=1109 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3914420 LONG=7621100 TIDE= WEATHER=CLOUDY -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	6
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	20
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	27
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	9
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	18
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	9
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	33
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	10
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	42
GRAB	BIOTA	HYDROBIA SP	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	PLATFORM MUSSEL	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	PLATFORM MUSSEL	NUMBER OF INDIVIDUALS	64	COUNT	2	0
GRAB	BIOTA	PLATFORM MUSSEL	NUMBER OF INDIVIDUALS	64	COUNT	3	0
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	15
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	8
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	6
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	1	51
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	2	13
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	3	8

5/16/03  
OK

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

13

----- STATION=XIF4405 DATE=92-12-14 TIME=1109 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3914420 LONG=7621100 TIDE= WEATHER=CLOUDY -----  
 (continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	21
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	17
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	17
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	GAMMARUS TIGRINUS	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	13
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	57
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	2	46
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	3	52

----- STATION=XIF4405 DATE=93-04-01 TIME=1129 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3914420 LONG=7621100 TIDE= WEATHER=FOG-HAZE -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	17
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	17
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	18
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	11
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	11
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	24
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	14
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	19
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	7
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	29
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	1	10
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	3	12
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	25
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	14

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

14

---- STATION=XIF4405 DATE=93-04-01 TIME=1129 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3914420 LONG=7621100 TIDE= WEATHER=FOG-HAZE ----  
 (continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	9
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	25
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	37
GRAB	BIOTA	GAMMARUS TIGRINUS	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	GAMMARUS TIGRINUS	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	2	16
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	9
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	7
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	6
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	2	10
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	26
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	2	59
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	3	37

---- STATION=XIF4405 DATE=93-08-02 TIME=1051 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3914420 LONG=7621100 TIDE=EBB WEATHER=CLEAR ----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	11
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	9
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	11
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	17
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	9
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	11
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	10
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	14
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	90
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	56
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	60
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	15
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	16
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	9
GRAB	BIOTA	HYDROBIA SP	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	PLATFORM MUSSEL	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	38
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	27
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	MITCHELL'S CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	1	11

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

15

----- STATION=XIF4405 DATE=93-08-02 TIME=1051 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3914420 LONG=7621100 TIDE=EBB WEATHER=CLEAR -----  
 (continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	3	12
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	21
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	12
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	13
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	1	13
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	3	6
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	94
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	2	10
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	3	22

----- STATION=XIF4420 DATE=92-12-14 TIME=1054 DEPTH=20 COUNTY=BA BASIN=2139997 LAT=3914230 LONG=7622000 TIDE= EWEATHER=CLOUDY -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	15
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	30
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	26
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	9
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	6
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	6
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	7
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	26
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	68
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	54
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	294
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	32
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	16
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	27
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	28
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	17
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	30
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	58
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	45

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

16

----- STATION=X1F4420 DATE=92-12-14 TIME=1054 DEPTH=20 COUNTY=BA BASIN=2139997 LAT=3914230 LONG=7622000 TIDE= WEATHER=CLOUDY -----  
 (continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	33
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	14
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	6
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	13
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	2	1

----- STATION=X1F4420 DATE=93-04-01 TIME=1103 DEPTH=20 COUNTY=BA BASIN=2139997 LAT=3914230 LONG=7622000 TIDE= WEATHER=FOG-HAZE -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	11
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	12
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	10
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	17
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	106
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	113
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	28
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	28
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	31
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	19
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	21
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	22
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	69
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	87
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	83
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	9
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	7
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	8
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	3	1

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

17

----- STATION=XIF4420 DATE=93-08-02 TIME=1030 DEPTH=22 COUNTY=BA BASIN=2139997 LAT=3914230 LONG=7622000 TIDE=EBB WEATHER=CLEAR -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	68
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	120
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	27
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	48
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	84
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	32
GRAB	BIOTA	HYDROBIA SP	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	16
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	8
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MITCHELL'S CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	10
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	6
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	15
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	6
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	7
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	UNIDENTIFIED CHIRONomid LARVAE	NUMBER OF INDIVIDUALS	64	COUNT	1	2

----- STATION=XIF4514 DATE=92-12-14 TIME=1430 DEPTH=3 COUNTY=BA BASIN=2139997 LAT=3914320 LONG=7621230 TIDE= WEATHER=CLOUDY -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	GAMMARUS TIGRINUS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	GAMMARUS MUCRONATUS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	

----- STATION=XIF4514 DATE=92-12-14 TIME=1430 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3914320 LONG=7621230 TIDE= WEATHER=CLOUDY -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	WHITE BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	GAMMARUS TIGRINUS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
RESOURCE MONITORING DATABASE

18

----- STATION=XIF4514 DATE=92-12-14 TIME=1430 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3914320 LONG=7621230 TIDE= WEATHER=CLOUDY -----  
(continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	

-- STATION=XIF4514 DATE=93-04-01 TIME=1626 DEPTH=3 COUNTY=BA BASIN=2139997 LAT=3914320 LONG=7621230 TIDE= WEATHER=PARTLY CLOUDY ---

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	GAMMARUS TIGRINUS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	VICTORELLA PAVIDA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	

-- STATION=XIF4514 DATE=93-04-01 TIME=1626 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3914320 LONG=7621230 TIDE= WEATHER=PARTLY CLOUDY ---

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	GAMMARUS TIGRINUS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	GAMMARUS MUCRONATUS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	
GRAB	BIOTA	VICTORELLA PAVIDA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	

----- STATION=XIF4514 DATE=93-08-02 TIME=1424 DEPTH=3 COUNTY=BA BASIN=2139997 LAT=3914320 LONG=7621230 TIDE=FLOOD WEATHER=CLEAR -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	GARVEIA FRANCISCANA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	UNIDENTIFIED CHIRONOMID LARVAE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	VICTORELLA PAVIDA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	

----- STATION=XIF4514 DATE=93-08-02 TIME=1424 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3914320 LONG=7621230 TIDE=FLOOD WEATHER=CLEAR -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	CORDYLOPHORA CASPIA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	GARVEIA FRANCISCANA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

19

---- STATION=XIF4514 DATE=93-08-02 TIME=1424 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3914320 LONG=7621230 TIDE=FLOOD WEATHER=CLEAR ----  
 (continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	
GRAB	BIOTA	WHITE BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	GAMMARUS TIGRINUS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	VICTORELLA PAVIDA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	

----- STATION=XIF4518 DATE=92-12-14 TIME=1444 DEPTH=3 COUNTY=BA BASIN=2139997 LAT=3914280 LONG=7621500 TIDE= WEATHER=CLOUDY -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	WHITE BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	UNIDENTIFIED CHIRONOMID LARVAE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	VICTORELLA PAVIDA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	

----- STATION=XIF4518 DATE=92-12-14 TIME=1444 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3914280 LONG=7621500 TIDE= WEATHER=CLOUDY -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	CORDYLOPHORA CASPIA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	WHITE BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	GAMMARUS TIGRINUS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	VICTORELLA PAVIDA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	

-- STATION=XIF4518 DATE=93-04-01 TIME=1645 DEPTH=3 COUNTY=BA BASIN=2139997 LAT=3914280 LONG=7621500 TIDE= WEATHER=PARTLY CLOUDY ---

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	WHITE BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	GAMMARUS TIGRINUS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	VICTORELLA PAVIDA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

20

-- STATION=XIF4518 DATE=93-04-01 TIME=1645 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3914280 LONG=7621500 TIDE= WEATHER=PARTLY CLOUDY ---

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	COROPHUM LACUSTRE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	

---- STATION=XIF4518 DATE=93-08-02 TIME=1435 DEPTH=3 COUNTY=BA BASIN=2139997 LAT=3914280 LONG=7621500 TIDE=FLOOD WEATHER=CLEAR -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	CORDYLOPHORA CASPIA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	WHITE BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	COROPHUM LACUSTRE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	VICTORELLA PAVIDA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	

---- STATION=XIF4518 DATE=93-08-02 TIME=1435 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3914280 LONG=7621500 TIDE=FLOOD WEATHER=CLEAR -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	CORDYLOPHORA CASPIA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	WHITE BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	COROPHUM LACUSTRE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	VICTORELLA PAVIDA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	

---- STATION=XIF4715 DATE=92-12-14 TIME=1159 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3914400 LONG=7621280 TIDE= WEATHER=CLOUDY -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	6
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	8
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	15
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	18
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	12
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	11
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	6

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

21

----- STATION=XIF4715 DATE=92-12-14 TIME=1159 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3914400 LONG=7621280 TIDE= WEATHER=CLOUDY -----  
 (continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	8
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	25
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	28
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	13
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	6
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	12
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	7
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	22
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	30
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	32
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	25
GRAB	BIOTA	EDOTEA TRILoba	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	EDOTEA TRILoba	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	EDOTEA TRILoba	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	9
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	SAND SHRIMP	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MEMBRANIPORA THUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MEMBRANIPORA THUIS	NUMBER OF INDIVIDUALS	64	COUNT	2	10
GRAB	BIOTA	MEMBRANIPORA THUIS	NUMBER OF INDIVIDUALS	64	COUNT	3	1

----- STATION=XIF4715 DATE=93-04-01 TIME=1322 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914400 LONG=7621280 TIDE= WEATHER=FOG-HAZE -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	9
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	9
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	7
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	9
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	22
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	10
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	41
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	8
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	20
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	39
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	16
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	5

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

22

---- STATION=XIF4715 DATE=93-04-01 TIME=1322 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914400 LONG=7621280 TIDE= WEATHER=FOG-HAZE ----  
 (continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	22
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	1	18
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	2	25
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	3	9
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	25
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	16
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	34
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	COROPHUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	11
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	25
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	43
GRAB	BIOTA	MONOCULODES EDWARDSSI	NUMBER OF INDIVIDUALS	64	COUNT	1	17
GRAB	BIOTA	MONOCULODES EDWARDSSI	NUMBER OF INDIVIDUALS	64	COUNT	2	8
GRAB	BIOTA	MONOCULODES EDWARDSSI	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	2	21
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	3	2

---- STATION=XIF4715 DATE=93-08-02 TIME=1135 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914400 LONG=7621280 TIDE=EBB WEATHER=CLEAR ----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	FLAT WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	8
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	10
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	17
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	45
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	25
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	47
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	2	8
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	6
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	48
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	22
GRAB	BIOTA	HYDROBIA SP	NUMBER OF INDIVIDUALS	64	COUNT	2	4

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

23

----- STATION=XIF4715 DATE=93-08-02 TIME=1135 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914400 LONG=7621280 TIDE=EBB WEATHER=CLEAR -----  
 (continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	PLATFORM MUSSEL	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	PLATFORM MUSSEL	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	26
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	79
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	75
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	10
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	23
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	27
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	UNIDENTIFIED CHIRONOMID LARVAE	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	UNIDENTIFIED CHIRONOMID LARVAE	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	24
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	2	2

----- STATION=XIF4811 DATE=92-12-14 TIME=1210 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3914500 LONG=7621070 TIDE= WEATHER=CLOUDY -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	7
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	23
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	17
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	18
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	18
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	11
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	14
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	10
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	15
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	61
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	112
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	101
GRAB	BIOTA	HYDROBIA SP	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	7
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	11
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	26
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	14

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

24

----- STATION=XIF4811 DATE=92-12-14 TIME=1210 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3914500 LONG=7621070 TIDE= WEATHER=CLOUDY -----  
 (continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	20
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	6
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	48
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	24
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	31
GRAB	BIOTA	EDOTEA TRILoba	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	EDOTEA TRILoba	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	35
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	45
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	39
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	20
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	11
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	9
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	3	1

----- STATION=XIF4811 DATE=93-04-01 TIME=1341 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3914500 LONG=7621070 TIDE= WEATHER=FOG-HAZE -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	25
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	20
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	20
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	26
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	21
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	26
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	38
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	41
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	6
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	13
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	34
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	25
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	28
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	37
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	44
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	23
GRAB	BIOTA	CHIRODOTEA ALMYRA	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	EDOTEA TRILoba	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	COROPHUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	31
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	21
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	34
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	12
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	7
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	14
GRAB	BIOTA	GAMMARUS MUCRONATUS	NUMBER OF INDIVIDUALS	64	COUNT	2	1

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

25

---- STATION=XIF4811 DATE=93-04-01 TIME=1341 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3914500 LONG=7621070 TIDE= WEATHER=FOG-HAZE ----  
 (continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	3	1

---- STATION=XIF4811 DATE=93-08-02 TIME=1144 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3914500 LONG=7621070 TIDE=EBB WEATHER=CLEAR ----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	8
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	6
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	14
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	10
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	22
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	19
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	43
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	44
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	45
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	1	10
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	28
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	15
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	8
GRAB	BIOTA	PLATFORM MUSSEL	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	42
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	41
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	72
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	16
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	25
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	19
GRAB	BIOTA	CHIRODOTEA ALMYRA	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	UNIDENTIFIED CHIRONomid LARVAE	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	UNIDENTIFIED CHIRONomid LARVAE	NUMBER OF INDIVIDUALS	64	COUNT	3	2

---- STATION=XIF4813 DATE=92-12-14 TIME=1415 DEPTH=3 COUNTY=BA BASIN=2139997 LAT=3914460 LONG=7621160 TIDE= WEATHER=CLOUDY ----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY		2

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

26

----- STATION=XIF4813 DATE=92-12-14 TIME=1415 DEPTH=3 COUNTY=BA BASIN=2139997 LAT=3914460 LONG=7621160 TIDE= WEATHER=CLOUDY -----  
 (continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	WHITE BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	GAMMARUS TIGRINUS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	MEMBRANIPORA THUIS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	VICTORELLA PAVIDA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	

----- STATION=XIF4813 DATE=92-12-14 TIME=1415 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3914460 LONG=7621160 TIDE= WEATHER=CLOUDY -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	GAMMARUS TIGRINUS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	GAMMARUS MUCRONATUS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	VICTORELLA PAVIDA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	

-- STATION=XIF4813 DATE=93-04-01 TIME=1610 DEPTH=3 COUNTY=BA BASIN=2139997 LAT=3914460 LONG=7621160 TIDE= WEATHER=PARTLY CLOUDY ---

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	GAMMARUS TIGRINUS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	MEMBRANIPORA THUIS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	
GRAB	BIOTA	VICTORELLA PAVIDA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	

-- STATION=XIF4813 DATE=93-04-01 TIME=1610 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3914460 LONG=7621160 TIDE= WEATHER=PARTLY CLOUDY ---

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	GAMMARUS TIGRINUS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	MEMBRANIPORA THUIS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	
GRAB	BIOTA	VICTORELLA PAVIDA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	

----- STATION=XIF4813 DATE=93-08-02 TIME=1355 DEPTH=3 COUNTY=BA BASIN=2139997 LAT=3914460 LONG=7621160 TIDE=FLOOD WEATHER=CLEAR -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	CORDYLOPHORA CASPIA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	GARVEIA FRANCISCANA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	FLAT WORM	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

27

---- STATION=XIF4813 DATE=93-08-02 TIME=1355 DEPTH=3 COUNTY=BA BASIN=2139997 LAT=3914460 LONG=7621160 TIDE=FLOOD WEATHER=CLEAR ----  
 (continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	WHITE BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	COROPHUM LACUSTRE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	

---- STATION=XIF4813 DATE=93-08-02 TIME=1355 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3914460 LONG=7621160 TIDE=FLOOD WEATHER=CLEAR ----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	GARVEIA FRANCISCANA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	WHITE BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	COROPHUM LACUSTRE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	VICTORELLA PAVIDA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	

HM26

---- STATION=XIF5145 DATE=92-12-14 TIME=1312 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3914390 LONG=7623550 TIDE= WEATHER=CLOUDY ----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	13
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	15
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	17
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	153
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	269
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	169
GRAB	BIOTA	4801040	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	2153
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	905
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	773
GRAB	BIOTA	PLATFORM MUSSEL	NUMBER OF INDIVIDUALS	64	COUNT	1	0
GRAB	BIOTA	PLATFORM MUSSEL	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	PLATFORM MUSSEL	NUMBER OF INDIVIDUALS	64	COUNT	3	0
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	14

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

28

----- STATION=XIF5145 DATE=92-12-14 TIME=1312 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3914390 LONG=7623550 TIDE= WEATHER=CLOUDY -----  
 (continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	33
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	17
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	26
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	10
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	19
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	29
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	16
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	14
GRAB	BIOTA	CHIRODOTEA ALMYRA	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	1	8
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	2	16
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	431
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	282
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	424
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	1	35
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	2	10
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	3	14
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	25
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	12
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	11
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	2	1

----- STATION=XIF5145 DATE=93-04-01 TIME=1538 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914390 LONG=7623550 TIDE= WEATHER=FOG-HAZE -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	11
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	6
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	10
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	9
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	18
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	14
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	126
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	258

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

29

---- STATION=XIF5145 DATE=93-04-01 TIME=1538 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914390 LONG=7623550 TIDE= WEATHER=FOG-HAZE ----  
 (continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	300
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	14
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	16
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	7
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	15
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	22
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	12
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	16
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	1	6
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	2	7
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	2	6
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	216
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	398
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	183
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	2	23
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	10
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	2

-- STATION=XIF5145 DATE=93-08-02 TIME=1300 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914390 LONG=7623550 TIDE=LOW SLACK WEATHER=CLEAR --

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	6
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	499
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	572
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	372
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	115
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	77

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

30

-- STATION=XIF5145 DATE=93-08-02 TIME=1300 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914390 LONG=7623550 TIDE=LOW SLACK WEATHER=CLEAR --  
 (continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	73
GRAB	BIOTA	HYDROBIA SP	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	PLATFORM MUSSEL	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	40
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	172
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	161
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	12
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	13
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	11
GRAB	BIOTA	EDOTEA TRILoba	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	31
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	55
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	23
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	1	12
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	2	8
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	UNIDENTIFIED CHIRONOMID LARVAE	NUMBER OF INDIVIDUALS	64	COUNT	1	12
GRAB	BIOTA	UNIDENTIFIED CHIRONOMID LARVAE	NUMBER OF INDIVIDUALS	64	COUNT	2	14
GRAB	BIOTA	UNIDENTIFIED CHIRONOMID LARVAE	NUMBER OF INDIVIDUALS	64	COUNT	3	8

----- STATION=XIF5297 DATE=92-12-14 TIME=1404 DEPTH=0 COUNTY=BA BASIN=2139997 LAT=3915330 LONG=7619530 TIDE= WEATHER=CLOUDY -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	33
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	29
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	33
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	8
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	12
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	20
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	6
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	8
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	6
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	10
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	6
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	7
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	245
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	118
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	109
GRAB	BIOTA	PLATFORM MUSSEL	NUMBER OF INDIVIDUALS	64	COUNT	1	1

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

31

----- STATION=XIF5297 DATE=92-12-14 TIME=1404 DEPTH=0 COUNTY=BA BASIN=2139997 LAT=3915330 LONG=7619530 TIDE= WEATHER=CLOUDY -----  
 (continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	PLATFORM MUSSEL	NUMBER OF INDIVIDUALS	64	COUNT	2	8
GRAB	BIOTA	PLATFORM MUSSEL	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	6
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	20
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	11
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	1	75
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	2	36
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	3	23
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	10
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	25
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	22
GRAB	BIOTA	CASSIDINIDEA LUNIFRONS	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	CASSIDINIDEA LUNIFRONS	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	46
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	2	76
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	3	89

----- STATION=XIF5297 DATE=93-04-01 TIME=1408 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3915330 LONG=7619530 TIDE= WEATHER=FOG-HAZE -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	12
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	23
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	8
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	7
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	36
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	30
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	38
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	19
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	101

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

32

---- STATION=XIF5297 DATE=93-04-01 TIME=1408 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3915330 LONG=7619530 TIDE= WEATHER=FOG-HAZE ----  
 (continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	28
GRAB	BIOTA	PLATFORM MUSSEL	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	PLATFORM MUSSEL	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	PLATFORM MUSSEL	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	14
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	15
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	11
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	SOFTSHELL CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	SOFTSHELL CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	1	12
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	2	16
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	3	17
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	16
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	29
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	14
GRAB	BIOTA	COROPHUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	19
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	27
GRAB	BIOTA	GAMMARUS TIGRINUS	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	GAMMARUS TIGRINUS	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	2	22
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	6
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	26
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	11
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	2	13
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	3	6
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	40
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	2	66
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	3	22

---- STATION=XIF5297 DATE=93-08-02 TIME=1344 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3915330 LONG=7619530 TIDE=FLOOD WEATHER=CLEAR ----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	34
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	20
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	15
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	12
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	22
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	10
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	26
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	19

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

33

---- STATION=XIF5297 DATE=93-08-02 TIME=1344 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3915330 LONG=7619530 TIDE=FLOOD WEATHER=CLEAR ----  
 (continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	44
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	113
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	110
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	105
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	1	15
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	2	9
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	34
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	38
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	26
GRAB	BIOTA	PLATFORM MUSSEL	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	PLATFORM MUSSEL	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	PLATFORM MUSSEL	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	26
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	38
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	30
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	2	12
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	3	7
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	27
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	14
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	12
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	LEPTOCHETRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MONOCULODES EDWARDSSI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MONOCULODES EDWARDSSI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	2	6
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	21
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	2	27
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	3	27

----- STATION=XIF5406 DATE=92-12-14 TIME=1224 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3915250 LONG=7620350 TIDE= WEATHER=CLOUDY -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	24
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	7
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	8
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	1

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

34

----- STATION=XIF5406 DATE=92-12-14 TIME=1224 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3915250 LONG=7620350 TIDE= WEATHER=CLOUDY -----  
 (continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	1	6
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	14
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	17
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	99
GRAB	BIOTA	HYDROBIA SP	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	PLATFORM MUSSEL	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	PLATFORM MUSSEL	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	16
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	1	274
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	2	192
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	3	16
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	13
GRAB	BIOTA	CASSIDINIDEA LUNIFRONS	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	CASSIDINIDEA LUNIFRONS	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MONOCULODES EDWARDSSI	NUMBER OF INDIVIDUALS	64	COUNT	3	12
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	1	8
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	2	9
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	99
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	2	88
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	3	26

----- STATION=XIF5406 DATE=93-04-01 TIME=1420 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3915250 LONG=7620350 TIDE= WEATHER=FOG-HAZE -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	6
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	0
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	16
GRAB	BIOTA	PLATFORM MUSSEL	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	PLATFORM MUSSEL	NUMBER OF INDIVIDUALS	64	COUNT	2	0
GRAB	BIOTA	PLATFORM MUSSEL	NUMBER OF INDIVIDUALS	64	COUNT	3	0

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

35

---- STATION=XIF5406 DATE=93-04-01 TIME=1420 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3915250 LONG=7620350 TIDE= WEATHER=FOG-HAZE ----  
 (continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	18
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	18
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	1	27
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	2	25
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	3	121
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	9
GRAB	BIOTA	CASSIDINIDEA LUNIFRONS	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	COROPHUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	COROPHUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	3	8
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	3	10
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	2	28
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	3	63

---- STATION=XIF5406 DATE=93-08-02 TIME=1200 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3915250 LONG=7620350 TIDE=EBB WEATHER=CLEAR ----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	17
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	50
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	33
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	27
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	26
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	27
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	6
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	11
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	52
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	69
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	90
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	29
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	33
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	57
GRAB	BIOTA	PLATFORM MUSSEL	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	PLATFORM MUSSEL	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	10
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	1	29

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

36

----- STATION=XIF5406 DATE=93-08-02 TIME=1200 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3915250 LONG=7620350 TIDE=EBB WEATHER=CLEAR -----  
 (continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	2	22
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	3	26
GRAB	BIOTA	WHITE BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	9
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	11
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	18
GRAB	BIOTA	CHIRODOTEA ALMYRA	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	CHIRODOTEA ALMYRA	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	2	25
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	3	19
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	1	8
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	2	11
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	3	14
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	66
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	2	51
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	3	54

----- STATION=XIF5710 DATE=92-12-14 TIME=1234 DEPTH=7 COUNTY=BA BASIN=2139997 LAT=3915390 LONG=7620570 TIDE= WEATHER=CLOUDY -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	19
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	15
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	10
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	6
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	99
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	56
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	27
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	30
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	12
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	185
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	178
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	182
GRAB	BIOTA	HYDROBIA SP	NUMBER OF INDIVIDUALS	64	COUNT	1	6
GRAB	BIOTA	HYDROBIA SP	NUMBER OF INDIVIDUALS	64	COUNT	2	6
GRAB	BIOTA	PLATFORM MUSSEL	NUMBER OF INDIVIDUALS	64	COUNT	1	0
GRAB	BIOTA	PLATFORM MUSSEL	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	PLATFORM MUSSEL	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	31
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	35
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	44
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	9
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	9

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

37

----- STATION=XIF5710 DATE=92-12-14 TIME=1234 DEPTH=7 COUNTY=BA BASIN=2139997 LAT=3915390 LONG=7620570 TIDE= WEATHER=CLOUDY -----  
 (continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	46
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	43
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	29
GRAB	BIOTA	CHIRODOTEA ALMYRA	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	EDOTEA TRILoba	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	EDOTEA TRILoba	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	1	18
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	2	10
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	3	11
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	13
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	GAMMARUS TIGRINUS	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	8
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	2	13
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	3	17

----- STATION=XIF5710 DATE=93-04-01 TIME=1431 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3915390 LONG=7620570 TIDE= WEATHER=FOG-HAZE -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	48
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	42
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	34
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	0
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	0
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	14
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	10
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	16
GRAB	BIOTA	CHIRODOTEA ALMYRA	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	6
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	6
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	GAMMARUS TIGRINUS	NUMBER OF INDIVIDUALS	64	COUNT	1	1

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

38

----- STATION=XIF5710 DATE=93-04-01 TIME=1431 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3915390 LONG=7620570 TIDE= WEATHER=FOG-HAZE -----  
 (continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	GAMMARUS TIGRINUS	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	20
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	10
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	24
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	1

----- STATION=XIF5710 DATE=93-08-02 TIME=1225 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3915390 LONG=7620570 TIDE= WEATHER=CLEAR -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	FLAT WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	16
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	7
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	16
GRAB	BIOTA	CHIRODETEA ALMYRA	NUMBER OF INDIVIDUALS	64	COUNT	1	6
GRAB	BIOTA	CHIRODETEA ALMYRA	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	COROPHUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	COROPHUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	2	10
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	26
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	2	29
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	3	31

----- STATION=XIF5710 DATE=93-08-02 TIME=1225 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3915390 LONG=7620570 TIDE=EBB WEATHER=CLEAR -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	15
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	7
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	16
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	12
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	16
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	10
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	17
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	53

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

39

----- STATION=XIF5710 DATE=93-08-02 TIME=1225 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3915390 LONG=7620570 TIDE=EBB WEATHER=CLEAR -----  
 (continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	25
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	49
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	1	22
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	2	48
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	3	58
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	17
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	16
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	28
GRAB	BIOTA	HYDROBIA SP	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	PLATFORM MUSSEL	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	PLATFORM MUSSEL	NUMBER OF INDIVIDUALS	64	COUNT	2	9
GRAB	BIOTA	PLATFORM MUSSEL	NUMBER OF INDIVIDUALS	64	COUNT	3	6
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	85
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	35
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	69
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1

----- STATION=XIF5805 DATE=92-12-14 TIME=1119 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3914050 LONG=7620210 TIDE= WEATHER=CLOUDY -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	17
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	11
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	15
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	11
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	51
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	17
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	158
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	16
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	21
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	10
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	22
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	16
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	17

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

40

----- STATION=XIF5805 DATE=92-12-14 TIME=1119 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3914050 LONG=7620210 TIDE= WEATHER=CLOUDY -----  
 (continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	39
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	10
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	54
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	8
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	7

----- STATION=XIF5805 DATE=93-04-01 TIME=1150 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3914050 LONG=7620210 TIDE= WEATHER=FOG-HAZE -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	23
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	12
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	15
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	23
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	15
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	36
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	30
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	23
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	70
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	49
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	55
GRAB	BIOTA	PLATFORM MUSSEL	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	PLATFORM MUSSEL	NUMBER OF INDIVIDUALS	64	COUNT	2	0
GRAB	BIOTA	PLATFORM MUSSEL	NUMBER OF INDIVIDUALS	64	COUNT	3	0
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	67
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	62
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	6
GRAB	BIOTA	SOFTSHELL CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	2	11
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	8
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	13
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	16
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	1	9
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	10
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	16
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	27
GRAB	BIOTA	GAMMARUS TIGRINUS	NUMBER OF INDIVIDUALS	64	COUNT	1	6

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

41

---- STATION=XIF5805 DATE=93-04-01 TIME=1150 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3914050 LONG=7620210 TIDE= WEATHER=FOG-HAZE ----  
 (continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	GAMMARUS TIGRINUS	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	GAMMARUS TIGRINUS	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	13
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	2	13
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	37
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	2	9

---- STATION=XIF5805 DATE=93-08-02 TIME=1101 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3914050 LONG=7620210 TIDE=EBB WEATHER=CLEAR ----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	6
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	8
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	11
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	7
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	11
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	10
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	28
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	16
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	38
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	3	9
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	34
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	27
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	74
GRAB	BIOTA	HYDROBIA SP	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	HYDROBIA SP	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	43
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	65
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	14
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	6
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	11
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	20
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	12

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

42

----- STATION=XIF5805 DATE=93-08-02 TIME=1101 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3914050 LONG=7620210 TIDE=EBB WEATHER=CLEAR -----  
 (continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	12
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	9
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	9
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	UNIDENTIFIED CHIRONOMID LARVAE	NUMBER OF INDIVIDUALS	64	COUNT	2	1

----- STATION=XIF6388 DATE=92-12-14 TIME=1334 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3916150 LONG=7620500 TIDE= WEATHER=CLOUDY -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	22
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	12
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	14
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	9
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	8
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	6
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	49
GRAB	BIOTA	HYDROBIA SP	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	9
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	10
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	22
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	19
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	26
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	33
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	6
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	27
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	8
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	9
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	8
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	2	2

----- STATION=XIF6388 DATE=93-04-01 TIME=1515 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3916150 LONG=7620500 TIDE= WEATHER=FOG-HAZE -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	FLAT WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	1

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

43

---- STATION=XIF6388 DATE=93-04-01 TIME=1515 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3916150 LONG=7620500 TIDE= WEATHER=FOG-HAZE ----  
 (continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	13
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	13
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	26
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	19
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	8
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	12
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	38
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	6
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	0
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	6
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	6
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	15
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	19
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	22
GRAB	BIOTA	COROPHium LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	8
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	6
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	7
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	4

-- STATION=XIF6388 DATE=93-08-02 TIME=1313 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3916150 LONG=7620500 TIDE=LOW SLACK WEATHER=CLEAR --

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	12
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	11
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	15
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	13
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	2	8
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	19
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	10
GRAB	BIOTA	HYDROBIA SP	NUMBER OF INDIVIDUALS	64	COUNT	1	2

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

44

-- STATION=XIF6388 DATE=93-08-02 TIME=1313 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3916150 LONG=7620500 TIDE=LOW SLACK WEATHER=CLEAR --  
 (continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	HYDROBIA SP	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	41
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	20
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	37
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	11
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	7
GRAB	BIOTA	CHIRODTEA ALMYRA	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	CHIRODTEA ALMYRA	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	UNIDENTIFIED CHIRONOMID LARVAE	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	UNIDENTIFIED CHIRONOMID LARVAE	NUMBER OF INDIVIDUALS	64	COUNT	3	6

----- STATION=XIG2560 DATE=92-12-14 TIME=1138 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3912900 LONG=7616600 TIDE= WEATHER=CLOUDY -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	6
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	12
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	14
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	20
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	6
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	0
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	0
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	7
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1

----- STATION=XIG3570 DATE=92-12-14 TIME=1138 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3912900 LONG=7616600 TIDE= WEATHER=CLOUDY -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	6
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	5

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

45

----- STATION=X1G3570 DATE=92-12-14 TIME=1138 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3912900 LONG=7616600 TIDE= WEATHER=CLOUDY -----  
 (continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	CHIRODOTEA ALMYRA	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	52
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	73
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	75
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	11
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	4

----- STATION=X1G3570 DATE=93-04-01 TIME=1221 DEPTH=20 COUNTY=BA BASIN=2139997 LAT=3912900 LONG=7616600 TIDE= WEATHER=FOG-HAZE -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	9
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	8
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	56
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	71
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	78
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	33
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	14
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	13
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	8
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	80
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	81
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	57
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	32
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	29
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	36
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	34
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	25
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	31
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	234
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	277
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	202
GRAB	BIOTA	GAMMARUS TIGRINUS	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	1

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

46

----- STATION=XIG3570 DATE=93-08-02 TIME=1115 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3912900 LONG=7616600 TIDE=EBB WEATHER=CLEAR -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	62
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	77
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	82
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	56
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	74
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	32
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	PLATFORM MUSSEL	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	PLATFORM MUSSEL	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	9
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	13
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	25
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	17
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	26
GRAB	BIOTA	CHIRODOTEA ALMYRA	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	CHIRODOTEA ALMYRA	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	CHIRODOTEA ALMYRA	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	EDOTEA TRILoba	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	30
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	21
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	37
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	3	1

----- STATION=XIG5405 DATE=92-12-14 TIME=1218 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3915230 LONG=7620280 TIDE= WEATHER=CLOUDY -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	23
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	23
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	46
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	26
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	17
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	19
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	3

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

47

----- STATION=XIG5405 DATE=92-12-14 TIME=1218 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3915230 LONG=7620280 TIDE= WEATHER=CLOUDY -----  
 (continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	9
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	9
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	67
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	76
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	103
GRAB	BIOTA	PLATFORM MUSSEL	NUMBER OF INDIVIDUALS	64	COUNT	1	8
GRAB	BIOTA	PLATFORM MUSSEL	NUMBER OF INDIVIDUALS	64	COUNT	2	0
GRAB	BIOTA	PLATFORM MUSSEL	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	30
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	38
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	38
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	1	19
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	2	48
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	3	27
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	15
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	CASSIDINIDEA LUNIFRONS	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	CASSIDINIDEA LUNIFRONS	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	COROPHUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	2	11
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	MONOCULODES EDWARDSSI	NUMBER OF INDIVIDUALS	64	COUNT	2	11
GRAB	BIOTA	MONOCULODES EDWARDSSI	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	1	8
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	2	13
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	50
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	2	68
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	3	55

----- STATION=XIG5405 DATE=93-04-01 TIME=1357 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3915230 LONG=7620280 TIDE= WEATHER=FOG-HAZE -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	67
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	60
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	40

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

48

---- STATION=XIG5405 DATE=93-04-01 TIME=1357 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3915230 LONG=7620280 TIDE= WEATHER=FOG-HAZE ----  
 (continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	7
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	23
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	16
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	17
GRAB	BIOTA	CHIRODOTEA ALMYRA	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	CASSIDINIDEA LUNIFRONS	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	14
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	17
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	15
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	15
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	19

---- STATION=XIG5405 DATE=93-08-02 TIME=1154 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3915230 LONG=7620280 TIDE=EBB WEATHER=CLEAR ----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	FLAT WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	6
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	57
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	37
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	29
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	23
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	13
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	13
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	30
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	17
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	14
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	62
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	84
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	87
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	1	6
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	2	7
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	3	8
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	59
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	32
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	34
GRAB	BIOTA	PLATFORM MUSSEL	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	PLATFORM MUSSEL	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	PLATFORM MUSSEL	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	39
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	24
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	30
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	1	23
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	2	17

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

49

----- STATION=XIG5405 DATE=93-08-02 TIME=1154 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3915230 LONG=7620280 TIDE=EBB WEATHER=CLEAR -----  
 (continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	16
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	18
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	10
GRAB	BIOTA	EDOTEA TRILoba	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	EDOTEA TRILoba	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	CASSIDINIDEA LUNIFRONS	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	COROPHium LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	LEPTOCHEURUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	1	13
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	2	10
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	61
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	2	60
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	3	32

----- STATION=XIG7689 DATE=92-12-14 TIME=1350 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3916580 LONG=7618510 TIDE= WEATHER=CLOUDY -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	7
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	28
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	19
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	22
GRAB	BIOTA	STREBLOPSIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	STREBLOPSIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	6
GRAB	BIOTA	STREBLOPSIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	12
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	14
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	24
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	16
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	13
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	10
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	23
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	10
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	16
GRAB	BIOTA	EDOTEA TRILoba	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	LEPTOCHEURUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	LEPTOCHEURUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	10

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

50

---- STATION=XIG7689 DATE=93-04-01 TIME=1454 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3916580 LONG=7618510 TIDE= WEATHER=FOG-HAZE ----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	6
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	7
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	42
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	25
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	37
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	33
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	26
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	17
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	15
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	17
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	15
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	19
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	17
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	17
GRAB	BIOTA	EDOTEA TRILoba	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	20
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	9
GRAB	BIOTA	LEPTOCHIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	20
GRAB	BIOTA	GAMMARUS TIGRINUS	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	10
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	7
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	9
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	1	2

---- STATION=XIG7689 DATE=93-08-02 TIME=1331 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3916580 LONG=7618510 TIDE=FLOOD WEATHER=CLEAR ----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	7
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	11
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	12
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	23
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	10
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	16
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	1	6
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	2	6
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	3	35
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	11
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	18
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	18
GRAB	BIOTA	HYDROBIA SP	NUMBER OF INDIVIDUALS	64	COUNT	1	1

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

51

---- STATION=XIG7689 DATE=93-08-02 TIME=1331 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3916580 LONG=7618510 TIDE=FLOOD WEATHER=CLEAR ----  
 (continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	PLATFORM MUSSEL	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	PLATFORM MUSSEL	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	PLATFORM MUSSEL	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	32
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	56
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	22
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	25
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	UNIDENTIFIED CHIRONOMID LARVAE	NUMBER OF INDIVIDUALS	64	COUNT	1	2
GRAB	BIOTA	UNIDENTIFIED CHIRONOMID LARVAE	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	UNIDENTIFIED CHIRONOMID LARVAE	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	2	2

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

52

--- STATION=XIF2036 DATE=92-11-04 TIME=0 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3912586 LONG=7623351 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE		METHOD	UNITS	REMARK	VALUE
				RANGE CM.	VARIABLE				
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		121.10
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		75.40
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.97
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		3449.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		372.30
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		52.10

----- STATION=XIF2036 DATE=93-05-10 TIME=0 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3912586 LONG=7623351 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE		METHOD	UNITS	REMARK	VALUE
				RANGE CM.	VARIABLE				
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		127.10
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		88.80
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.15
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2878.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		382.50
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		52.10

--- STATION=XIF2141 DATE=92-11-04 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3912027 LONG=7624081 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE		METHOD	UNITS	REMARK	VALUE
				RANGE CM.	VARIABLE				
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		136.90
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		102.20
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.89
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		4833.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		559.40
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		64.10

----- STATION=XIF2141 DATE=93-05-10 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3912027 LONG=7624081 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE		METHOD	UNITS	REMARK	VALUE
				RANGE CM.	VARIABLE				
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		139.20
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		109.70
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.61
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		7946.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		511.40
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		54.80

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

53

--- STATION=XIF2229 DATE=92-11-04 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3912130 LONG=7622540 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE		METHOD	UNITS	REMARK	VALUE
				RANGE CM.	VARIABLE				
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		100.00
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		104.20
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		4.96
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		3836.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		475.50
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		58.50

----- STATION=XIF2229 DATE=93-05-10 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3912130 LONG=7622540 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE		METHOD	UNITS	REMARK	VALUE
				RANGE CM.	VARIABLE				
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		122.20
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		122.90
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		6.15
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		5941.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		581.20
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		60.70

--- STATION=XIF2715 DATE=92-11-04 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3912398 LONG=7621313 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE		METHOD	UNITS	REMARK	VALUE
				RANGE CM.	VARIABLE				
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		99.1
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		77.2
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		4.7
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		3180.0
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		330.8
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		46.3

----- STATION=XIF2715 DATE=93-05-10 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3912398 LONG=7621313 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE		METHOD	UNITS	REMARK	VALUE
				RANGE CM.	VARIABLE				
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		106.50
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		83.20
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		5.09
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		4518.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		334.20
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		45.90

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

54

--- STATION=XIF3023 DATE=92-11-04 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3913591 LONG=7622203 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	TO CORE				
					VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		96.10
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		41.80
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		3.35
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1531.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		174.50
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		30.70

----- STATION=XIF3023 DATE=93-05-10 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3913591 LONG=7622203 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	TO CORE				
					VARIABLE	METHOD	UNITS	REMARK	VALUE
CORE	1	CHEM CHAR	0	2	TOTAL CHROMIUM	310	UG/GM-DW		118.80
CORE	1	CHEM CHAR	0	2	TOTAL NICKEL	314	UG/GM-DW		89.60
CORE	1	CHEM CHAR	0	2	TOTAL IRON	312	X-BYWT		4.98
CORE	1	CHEM CHAR	0	2	TOTAL MANGANESE	313	UG/GM-DW		2515.00
CORE	1	CHEM CHAR	0	2	TOTAL ZINC	315	UG/GM-DW		374.20
CORE	1	CHEM CHAR	0	2	TOTAL COPPER	311	UG/GM-DW		52.10
CORE	1	CHEM CHAR	2	5	TOTAL CHROMIUM	310	UG/GM-DW		129.30
CORE	1	CHEM CHAR	2	5	TOTAL NICKEL	314	UG/GM-DW		111.20
CORE	1	CHEM CHAR	2	5	TOTAL IRON	312	X-BYWT		5.37
CORE	1	CHEM CHAR	2	5	TOTAL MANGANESE	313	UG/GM-DW		3454.00
CORE	1	CHEM CHAR	2	5	TOTAL ZINC	315	UG/GM-DW		540.10
CORE	1	CHEM CHAR	2	5	TOTAL COPPER	311	UG/GM-DW		66.70
CORE	1	CHEM CHAR	5	8	TOTAL CHROMIUM	310	UG/GM-DW		131.40
CORE	1	CHEM CHAR	5	8	TOTAL NICKEL	314	UG/GM-DW		157.90
CORE	1	CHEM CHAR	5	8	TOTAL IRON	312	X-BYWT		5.63
CORE	1	CHEM CHAR	5	8	TOTAL MANGANESE	313	UG/GM-DW		4189.00
CORE	1	CHEM CHAR	5	8	TOTAL ZINC	315	UG/GM-DW		716.40
CORE	1	CHEM CHAR	5	8	TOTAL COPPER	311	UG/GM-DW		66.40
CORE	1	CHEM CHAR	8	10	TOTAL CHROMIUM	310	UG/GM-DW		128.90
CORE	1	CHEM CHAR	8	10	TOTAL NICKEL	314	UG/GM-DW		174.10
CORE	1	CHEM CHAR	8	10	TOTAL IRON	312	X-BYWT		5.65
CORE	1	CHEM CHAR	8	10	TOTAL MANGANESE	313	UG/GM-DW		4569.00
CORE	1	CHEM CHAR	8	10	TOTAL ZINC	315	UG/GM-DW		773.10
CORE	1	CHEM CHAR	8	10	TOTAL COPPER	311	UG/GM-DW		68.70
CORE	1	CHEM CHAR	16	20	TOTAL CHROMIUM	310	UG/GM-DW		102.30
CORE	1	CHEM CHAR	16	20	TOTAL NICKEL	314	UG/GM-DW		87.90
CORE	1	CHEM CHAR	16	20	TOTAL IRON	312	X-BYWT		5.31
CORE	1	CHEM CHAR	16	20	TOTAL MANGANESE	313	UG/GM-DW		3089.00
CORE	1	CHEM CHAR	16	20	TOTAL ZINC	315	UG/GM-DW		297.40
CORE	1	CHEM CHAR	16	20	TOTAL COPPER	311	UG/GM-DW		48.90
CORE	1	CHEM CHAR	28	32	TOTAL CHROMIUM	310	UG/GM-DW		92.60
CORE	1	CHEM CHAR	28	32	TOTAL NICKEL	314	UG/GM-DW		41.90
CORE	1	CHEM CHAR	28	32	TOTAL IRON	312	X-BYWT		4.57
CORE	1	CHEM CHAR	28	32	TOTAL MANGANESE	313	UG/GM-DW		1428.00
CORE	1	CHEM CHAR	28	32	TOTAL ZINC	315	UG/GM-DW		120.40
CORE	1	CHEM CHAR	28	32	TOTAL COPPER	311	UG/GM-DW		21.20

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

55

----- STATION=XIF3023 DATE=93-05-10 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3913591 LONG=7622203 TIDE= WEATHER=CLEAR -----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE		METHOD	UNITS	REMARK	VALUE
				CM.	VARIABLE				
CORE	1	CHEM CHAR	50	54	TOTAL CHROMIUM	310	UG/GM-DW		96.80
CORE	1	CHEM CHAR	50	54	TOTAL NICKEL	314	UG/GM-DW		41.80
CORE	1	CHEM CHAR	50	54	TOTAL IRON	312	%-BYWT		4.95
CORE	1	CHEM CHAR	50	54	TOTAL MANGANESE	313	UG/GM-DW		1304.00
CORE	1	CHEM CHAR	50	54	TOTAL ZINC	315	UG/GM-DW		117.50
CORE	1	CHEM CHAR	50	54	TOTAL COPPER	311	UG/GM-DW		10.90

----- STATION=XIF3023 DATE=93-05-10 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3913591 LONG=7622203 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE		METHOD	UNITS	REMARK	VALUE
				CM.	VARIABLE				
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		107.10
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		67.30
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.31
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2628.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		260.20
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		30.70

--- STATION=XIF3225 DATE=92-11-04 TIME=0 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3913120 LONG=7622268 TIDE= WEATHER=PARTLY CLOUDY ---

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE		METHOD	UNITS	REMARK	VALUE
				CM.	VARIABLE				
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		118.20
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		78.20
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.87
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		3801.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		371.80
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		50.30

----- STATION=XIF3225 DATE=93-05-10 TIME=0 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3913120 LONG=7622268 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE		METHOD	UNITS	REMARK	VALUE
				CM.	VARIABLE				
GRAB	1	CHEM CHAR	.	.	TOTAL DDT	319	MG/KG	L	0.0026
GRAB	1	CHEM CHAR	.	.	DDD	319	MG/KG	L	0.0026
GRAB	1	CHEM CHAR	.	.	DDE	319	MG/KG	L	0.0026
GRAB	1	CHEM CHAR	.	.	TOTAL CHLORDANE	319	MG/KG	L	0.0640
GRAB	1	CHEM CHAR	.	.	TOTAL ENDRIN	319	MG/KG	L	0.0026
GRAB	1	CHEM CHAR	.	.	TOTAL HEPTOCHLOR	319	MG/KG	L	0.0026
GRAB	1	CHEM CHAR	.	.	THPTCLEP	319	MG/KG	L	0.0026

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

56

----- STATION=XIF3225 DATE=93-05-10 TIME=0 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3913120 LONG=7622268 TIDE= WEATHER=CLEAR -----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	ALDRIN	319	MG/KG	L	0.00
GRAB	1	CHEM CHAR	.	.	TOTAL DIELDREN	319	MG/KG	L	0.00
GRAB	1	CHEM CHAR	.	.	TOTAL MALATHION	318	MG/KG	L	0.62
GRAB	1	CHEM CHAR	.	.	TOTAL ATRAZIN	318	MG/KG	L	0.62
GRAB	1	CHEM CHAR	.	.	TOTAL DIAZINON	318	MG/KG	L	0.62
GRAB	1	CHEM CHAR	.	.	TOTAL METHYL PARA	318	MG/KG	L	0.62
GRAB	1	CHEM CHAR	.	.	TOTAL ETHYLPAR	318	MG/KG	L	0.62
GRAB	1	CHEM CHAR	.	.	TOT. DIOCYL	318	MG/KG	L	0.62
GRAB	1	CHEM CHAR	.	.	TOT. DIETPTH	318	MG/KG	L	0.62
GRAB	1	CHEM CHAR	.	.	TOT. DIMEPTH	318	MG/KG	L	0.62
GRAB	1	CHEM CHAR	.	.	TOT. BENZANT	318	MG/KG	L	0.25
GRAB	1	CHEM CHAR	.	.	TOT. BENZPYR	318	MG/KG	L	0.25
GRAB	1	CHEM CHAR	.	.	TOT. BENZFLR	318	MG/KG	L	0.25
GRAB	1	CHEM CHAR	.	.	TOT. CHRYSEN	318	MG/KG	L	0.25
GRAB	1	CHEM CHAR	.	.	TOT. ACENPTH	318	MG/KG	L	0.25
GRAB	1	CHEM CHAR	.	.	TOTAL ALPHA-BHC	319	MG/KG	L	0.00
GRAB	1	CHEM CHAR	.	.	TOTAL BETA-BHC	319	MG/KG	L	0.00
GRAB	1	CHEM CHAR	.	.	TOTAL TOXAPHENE	319	MG/KG	L	0.06
GRAB	1	CHEM CHAR	.	.	G-BHC	319	MG/KG	L	0.00
GRAB	1	CHEM CHAR	.	.	PCB-1016	319	MG/KG	L	0.06
GRAB	1	CHEM CHAR	.	.	PCB-1221	319	MG/KG	L	0.06
GRAB	1	CHEM CHAR	.	.	PCB-1232	319	MG/KG	L	0.06
GRAB	1	CHEM CHAR	.	.	PCB-1242	319	MG/KG	L	0.06
GRAB	1	CHEM CHAR	.	.	PCB-1248	319	MG/KG	L	0.06
GRAB	1	CHEM CHAR	.	.	PCB-1254	319	MG/KG	L	0.06
GRAB	1	CHEM CHAR	.	.	PCB-1260	319	MG/KG	L	0.06
GRAB	1	CHEM CHAR	.	.	TOT. ANTHRAC	318	MG/KG	L	0.25
GRAB	1	CHEM CHAR	.	.	FLUORENE	318	MG/KG	L	0.25
GRAB	1	CHEM CHAR	.	.	PHENANTHENE	318	MG/KG	L	0.25
GRAB	1	CHEM CHAR	.	.	TOTAL DIBZABA	318	MG/KG	L	0.25
GRAB	1	CHEM CHAR	.	.	INDENO123	318	MG/KG	L	0.25
GRAB	1	CHEM CHAR	.	.	TOTAL PYRENE	318	MG/KG	L	0.25
GRAB	1	CHEM CHAR	.	.	TOTAL ACENAPHTHYLE	318	MG/KG	L	0.25
GRAB	1	CHEM CHAR	.	.	LINURON	318	MG/KG	L	0.62
GRAB	1	CHEM CHAR	.	.	TOTAL BUTBEP	318	MG/KG	L	0.62
GRAB	1	CHEM CHAR	.	.	TOTAL FLUORANTHENE	318	MG/KG	L	0.25
GRAB	1	CHEM CHAR	.	.	TOTAL NAPHTHALENE	318	MG/KG	L	0.29
GRAB	1	CHEM CHAR	.	.	BIS2ETHNEX PHTAL	318	MG/KG	L	0.67
GRAB	1	CHEM CHAR	.	.	TRIFLURALINE	318	MG/KG	L	0.62
GRAB	1	CHEM CHAR	.	.	BENZO(B)FLURANTHENE	318	MG/KG	L	0.25
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		116.90
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		85.70
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	X-BYNT		5.33
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		5503.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		378.00
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		50.10
GRAB	2	CHEM CHAR	.	.	TOT. ACENPTH	318	MG/KG	L	0.62
GRAB	2	CHEM CHAR	.	.	TOTAL PYRENE	318	MG/KG	L	0.25

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

57

--- STATION=XIF3420 DATE=92-11-04 TIME=0 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3913217 LONG=7622581 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE		METHOD	UNITS	REMARK	VALUE
				RANGE CM.	VARIABLE				
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		50.90
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		28.00
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		1.98
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1834.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		158.60
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		22.60

----- STATION=XIF3420 DATE=93-05-10 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3913217 LONG=7622581 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE		METHOD	UNITS	REMARK	VALUE
				RANGE CM.	VARIABLE				
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		101.60
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		70.80
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		4.15
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		3084.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		297.90
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		44.80

--- STATION=XIF3510 DATE=92-11-04 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3913308 LONG=7621593 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE		METHOD	UNITS	REMARK	VALUE
				RANGE CM.	VARIABLE				
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		109.00
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		76.50
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		5.08
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		3779.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		358.30
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		50.70

----- STATION=XIF3510 DATE=93-05-10 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3913308 LONG=7621593 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE		METHOD	UNITS	REMARK	VALUE
				RANGE CM.	VARIABLE				
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		118.60
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		88.10
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		5.35
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		6020.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		278.30
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		49.10

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA  
ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
RESOURCE MONITORING DATABASE

58

---- STATION=XIF3537 DATE=92-11-04 TIME=0 DEPTH=5 COUNTY=BA BASIN=2139997 LAT=3913322 LONG=7623438 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE		METHOD	UNITS	REMARK	VALUE
				RANGE CM.	VARIABLE				
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		12.71
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		12.60
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		0.43
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1376.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		41.60
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		5.30

----- STATION=XIF3537 DATE=93-05-10 TIME=0 DEPTH=6 COUNTY=BA BASIN=2139997 LAT=3913322 LONG=7623438 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE		METHOD	UNITS	REMARK	VALUE
				RANGE CM.	VARIABLE				
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		15.5
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		18.3
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		0.5
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		984.0
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		41.9
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		6.2

--- STATION=XIF4019 DATE=92-11-04 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3914001 LONG=7621536 TIDE= WEATHER=PARTLY CLOUDY ---

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE		METHOD	UNITS	REMARK	VALUE
				RANGE CM.	VARIABLE				
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		109.10
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		71.00
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		4.67
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2996.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		301.70
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		46.50

----- STATION=XIF4019 DATE=93-05-10 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3914001 LONG=7621536 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE		METHOD	UNITS	REMARK	VALUE
				RANGE CM.	VARIABLE				
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		118.70
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		89.00
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		4.89
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2885.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		342.70
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		49.10

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

59

--- STATION=XIF4126 DATE=92-11-04 TIME=0 DEPTH=11 COUNTY=BA BASIN=2139997 LAT=3914054 LONG=7622355 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE		METHOD	UNITS	REMARK	VALUE
				RANGE CM.	VARIABLE				
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		109.70
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		57.10
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.14
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2506.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		288.20
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		46.10

----- STATION=XIF4126 DATE=93-05-10 TIME=0 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3914054 LONG=7622355 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE		METHOD	UNITS	REMARK	VALUE
				RANGE CM.	VARIABLE				
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		100.70
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		66.80
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.11
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1956.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		266.00
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		44.10

--- STATION=XIF4212 DATE=92-11-04 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3914105 LONG=7621100 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE		METHOD	UNITS	REMARK	VALUE
				RANGE CM.	VARIABLE				
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		107.90
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		77.70
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.81
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2759.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		358.10
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		49.40

----- STATION=XIF4212 DATE=93-05-10 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3914105 LONG=7621100 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE		METHOD	UNITS	REMARK	VALUE
				RANGE CM.	VARIABLE				
CORE	1	CHEM CHAR	0	2	TOTAL CHROMIUM	310	UG/GM-DW		110.90
CORE	1	CHEM CHAR	0	2	TOTAL NICKEL	314	UG/GM-DW		91.70
CORE	1	CHEM CHAR	0	2	TOTAL IRON	312	%-BYWT		5.16
CORE	1	CHEM CHAR	0	2	TOTAL MANGANESE	313	UG/GM-DW		3809.00
CORE	1	CHEM CHAR	0	2	TOTAL ZINC	315	UG/GM-DW		357.40
CORE	1	CHEM CHAR	0	2	TOTAL COPPER	311	UG/GM-DW		49.20
CORE	1	CHEM CHAR	2	5	TOTAL CHROMIUM	310	UG/GM-DW		117.50
CORE	1	CHEM CHAR	2	5	TOTAL NICKEL	314	UG/GM-DW		107.20

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

60

----- STATION=XIF4212 DATE=93-05-10 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3914105 LONG=7621100 TIDE= WEATHER=CLEAR -----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		VARIABLE	METHOD	UNITS	REMARK	VALUE
CORE	1	CHEM CHAR	2	5		TOTAL IRON	312	X-BYWT		5.37
CORE	1	CHEM CHAR	2	5		TOTAL MANGANESE	313	UG/GM-DW		5559.00
CORE	1	CHEM CHAR	2	5		TOTAL ZINC	315	UG/GM-DW		458.60
CORE	1	CHEM CHAR	2	5		TOTAL COPPER	311	UG/GM-DW		54.00
CORE	1	CHEM CHAR	5	8		TOTAL CHROMIUM	310	UG/GM-DW		115.70
CORE	1	CHEM CHAR	5	8		TOTAL NICKEL	314	UG/GM-DW		145.00
CORE	1	CHEM CHAR	5	8		TOTAL IRON	312	X-BYWT		5.56
CORE	1	CHEM CHAR	5	8		TOTAL MANGANESE	313	UG/GM-DW		4333.00
CORE	1	CHEM CHAR	5	8		TOTAL ZINC	315	UG/GM-DW		616.60
CORE	1	CHEM CHAR	5	8		TOTAL COPPER	311	UG/GM-DW		64.50
CORE	1	CHEM CHAR	8	10		TOTAL CHROMIUM	310	UG/GM-DW		115.90
CORE	1	CHEM CHAR	8	10		TOTAL NICKEL	314	UG/GM-DW		173.30
CORE	1	CHEM CHAR	8	10		TOTAL IRON	312	X-BYWT		5.54
CORE	1	CHEM CHAR	8	10		TOTAL MANGANESE	313	UG/GM-DW		4218.00
CORE	1	CHEM CHAR	8	10		TOTAL ZINC	315	UG/GM-DW		760.50
CORE	1	CHEM CHAR	8	10		TOTAL COPPER	311	UG/GM-DW		80.20
CORE	1	CHEM CHAR	20	24		TOTAL CHROMIUM	310	UG/GM-DW		105.30
CORE	1	CHEM CHAR	20	24		TOTAL NICKEL	314	UG/GM-DW		113.90
CORE	1	CHEM CHAR	20	24		TOTAL IRON	312	X-BYWT		5.37
CORE	1	CHEM CHAR	20	24		TOTAL MANGANESE	313	UG/GM-DW		4079.00
CORE	1	CHEM CHAR	20	24		TOTAL ZINC	315	UG/GM-DW		400.70
CORE	1	CHEM CHAR	20	24		TOTAL COPPER	311	UG/GM-DW		92.70
CORE	1	CHEM CHAR	50	54		TOTAL CHROMIUM	310	UG/GM-DW		94.90
CORE	1	CHEM CHAR	50	54		TOTAL NICKEL	314	UG/GM-DW		68.80
CORE	1	CHEM CHAR	50	54		TOTAL IRON	312	X-BYWT		5.21
CORE	1	CHEM CHAR	50	54		TOTAL MANGANESE	313	UG/GM-DW		2306.00
CORE	1	CHEM CHAR	50	54		TOTAL ZINC	315	UG/GM-DW		194.20
CORE	1	CHEM CHAR	50	54		TOTAL COPPER	311	UG/GM-DW		44.50
CORE	1	CHEM CHAR	74	78		TOTAL CHROMIUM	310	UG/GM-DW		90.90
CORE	1	CHEM CHAR	74	78		TOTAL NICKEL	314	UG/GM-DW		47.20
CORE	1	CHEM CHAR	74	78		TOTAL IRON	312	X-BYWT		5.01
CORE	1	CHEM CHAR	74	78		TOTAL MANGANESE	313	UG/GM-DW		1618.00
CORE	1	CHEM CHAR	74	78		TOTAL ZINC	315	UG/GM-DW		123.50
CORE	1	CHEM CHAR	74	78		TOTAL COPPER	311	UG/GM-DW		25.60

----- STATION=XIF4212 DATE=93-05-10 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914105 LONG=7621100 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	.	TOTAL CHROMIUM	304	UG/GM-DW		111.8
GRAB	1	CHEM CHAR	.	.	.	TOTAL NICKEL	308	UG/GM-DW		92.1
GRAB	1	CHEM CHAR	.	.	.	TOTAL IRON	306	X-BYWT		5.1
GRAB	1	CHEM CHAR	.	.	.	TOTAL MANGANESE	307	UG/GM-DW		1866.0
GRAB	1	CHEM CHAR	.	.	.	TOTAL ZINC	309	UG/GM-DW		389.7
GRAB	1	CHEM CHAR	.	.	.	TOTAL COPPER	305	UG/GM-DW		49.9

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

61

--- STATION=XIF4221 DATE=92-11-04 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914108 LONG=7622079 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		113.10
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		65.80
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.53
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		4829.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		311.40
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		51.70

----- STATION=XIF4221 DATE=93-05-10 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914108 LONG=7622079 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		117.50
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		75.30
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.84
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		3552.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		309.60
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		48.00

--- STATION=XIF4317 DATE=92-11-04 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3914166 LONG=7621389 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		97.10
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		55.90
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.15
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2254.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		248.20
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		40.30

----- STATION=XIF4317 DATE=93-05-10 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3914166 LONG=7621389 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		106.50
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		77.00
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.95
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		3014.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		304.90
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		46.00

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

62

--- STATION=XIF4614 DATE=92-11-04 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3914326 LONG=7621258 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	TO CORE				
					VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		80.10
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		41.00
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		3.36
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1180.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		170.10
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		33.10
GRAB	2	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		89.50
GRAB	2	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		45.70
GRAB	2	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		3.43
GRAB	2	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1561.00
GRAB	2	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		213.60
GRAB	2	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		35.20
GRAB	3	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		91.30
GRAB	3	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		47.80
GRAB	3	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		3.52
GRAB	3	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1579.00
GRAB	3	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		225.10
GRAB	3	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		35.90

----- STATION=XIF4614 DATE=93-05-10 TIME=0 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3914326 LONG=7621258 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	TO CORE				
					VARIABLE	METHOD	UNITS	REMARK	VALUE
CORE	1	CHEM CHAR	0	2	TOTAL CHROMIUM	310	UG/GM-DW		82.60
CORE	1	CHEM CHAR	0	2	TOTAL NICKEL	314	UG/GM-DW		54.20
CORE	1	CHEM CHAR	0	2	TOTAL IRON	312	X-BYWT		3.62
CORE	1	CHEM CHAR	0	2	TOTAL MANGANESE	313	UG/GM-DW		1915.00
CORE	1	CHEM CHAR	0	2	TOTAL ZINC	315	UG/GM-DW		227.90
CORE	1	CHEM CHAR	0	2	TOTAL COPPER	311	UG/GM-DW		27.70
CORE	1	CHEM CHAR	2	5	TOTAL CHROMIUM	310	UG/GM-DW		76.80
CORE	1	CHEM CHAR	2	5	TOTAL NICKEL	314	UG/GM-DW		50.60
CORE	1	CHEM CHAR	2	5	TOTAL IRON	312	X-BYWT		3.75
CORE	1	CHEM CHAR	2	5	TOTAL MANGANESE	313	UG/GM-DW		1431.00
CORE	1	CHEM CHAR	2	5	TOTAL ZINC	315	UG/GM-DW		197.10
CORE	1	CHEM CHAR	2	5	TOTAL COPPER	311	UG/GM-DW		38.20
CORE	1	CHEM CHAR	5	8	TOTAL CHROMIUM	310	UG/GM-DW		59.90
CORE	1	CHEM CHAR	5	8	TOTAL NICKEL	314	UG/GM-DW		35.90
CORE	1	CHEM CHAR	5	8	TOTAL IRON	312	X-BYWT		2.95
CORE	1	CHEM CHAR	5	8	TOTAL MANGANESE	313	UG/GM-DW		815.00
CORE	1	CHEM CHAR	5	8	TOTAL ZINC	315	UG/GM-DW		128.30
CORE	1	CHEM CHAR	5	8	TOTAL COPPER	311	UG/GM-DW		18.20
CORE	1	CHEM CHAR	8	10	TOTAL CHROMIUM	310	UG/GM-DW		71.90
CORE	1	CHEM CHAR	8	10	TOTAL NICKEL	314	UG/GM-DW		39.90
CORE	1	CHEM CHAR	8	10	TOTAL IRON	312	X-BYWT		3.00
CORE	1	CHEM CHAR	8	10	TOTAL MANGANESE	313	UG/GM-DW		747.00
CORE	1	CHEM CHAR	8	10	TOTAL ZINC	315	UG/GM-DW		119.80
CORE	1	CHEM CHAR	8	10	TOTAL COPPER	311	UG/GM-DW		20.70

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

63

----- STATION=XIF4614 DATE=93-05-10 TIME=0 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3914326 LONG=7621258 TIDE= WEATHER=CLEAR -----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
CORE	1	CHEM CHAR	16	20		TOTAL CHROMIUM	310	UG/GM-DW	107.50
CORE	1	CHEM CHAR	16	20		TOTAL NICKEL	314	UG/GM-DW	86.90
CORE	1	CHEM CHAR	16	20		TOTAL IRON	312	%-BYWT	5.11
CORE	1	CHEM CHAR	16	20		TOTAL MANGANESE	313	UG/GM-DW	3933.00
CORE	1	CHEM CHAR	16	20		TOTAL ZINC	315	UG/GM-DW	357.70
CORE	1	CHEM CHAR	16	20		TOTAL COPPER	311	UG/GM-DW	44.00
CORE	1	CHEM CHAR	36	40		TOTAL CHROMIUM	310	UG/GM-DW	107.10
CORE	1	CHEM CHAR	36	40		TOTAL NICKEL	314	UG/GM-DW	142.60
CORE	1	CHEM CHAR	36	40		TOTAL IRON	312	%-BYWT	5.18
CORE	1	CHEM CHAR	36	40		TOTAL MANGANESE	313	UG/GM-DW	2721.00
CORE	1	CHEM CHAR	36	40		TOTAL ZINC	315	UG/GM-DW	579.30
CORE	1	CHEM CHAR	36	40		TOTAL COPPER	311	UG/GM-DW	76.10
CORE	1	CHEM CHAR	50	54		TOTAL CHROMIUM	310	UG/GM-DW	91.20
CORE	1	CHEM CHAR	50	54		TOTAL NICKEL	314	UG/GM-DW	79.30
CORE	1	CHEM CHAR	50	54		TOTAL IRON	312	%-BYWT	5.25
CORE	1	CHEM CHAR	50	54		TOTAL MANGANESE	313	UG/GM-DW	3427.00
CORE	1	CHEM CHAR	50	54		TOTAL ZINC	315	UG/GM-DW	257.70
CORE	1	CHEM CHAR	50	54		TOTAL COPPER	311	UG/GM-DW	60.50
CORE	1	CHEM CHAR	60	64		TOTAL CHROMIUM	310	UG/GM-DW	91.60
CORE	1	CHEM CHAR	60	64		TOTAL NICKEL	314	UG/GM-DW	55.80
CORE	1	CHEM CHAR	60	64		TOTAL IRON	312	%-BYWT	5.15
CORE	1	CHEM CHAR	60	64		TOTAL MANGANESE	313	UG/GM-DW	2250.00
CORE	1	CHEM CHAR	60	64		TOTAL ZINC	315	UG/GM-DW	160.80
CORE	1	CHEM CHAR	60	64		TOTAL COPPER	311	UG/GM-DW	35.90

----- STATION=XIF4614 DATE=93-05-10 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3914326 LONG=7621258 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE	
GRAB	1	CHEM CHAR	.	.		TOTAL DDT	319	MG/KG	L	0.0032
GRAB	1	CHEM CHAR	.	.		DDD	319	MG/KG	L	0.0032
GRAB	1	CHEM CHAR	.	.		DDE	319	MG/KG	L	0.0032
GRAB	1	CHEM CHAR	.	.		TOTAL CHLORDANE	319	MG/KG	L	0.0790
GRAB	1	CHEM CHAR	.	.		TOTAL ENDRIN	319	MG/KG	L	0.0032
GRAB	1	CHEM CHAR	.	.		TOTAL HEPTOCHLOR	319	MG/KG	L	0.0032
GRAB	1	CHEM CHAR	.	.		THPTCLED	319	MG/KG	L	0.0032
GRAB	1	CHEM CHAR	.	.		ALDRIN	319	MG/KG	L	0.0032
GRAB	1	CHEM CHAR	.	.		TOTAL DIELDREN	319	MG/KG	L	0.0032
GRAB	1	CHEM CHAR	.	.		TOTAL MALATHION	318	MG/KG	L	0.3800
GRAB	1	CHEM CHAR	.	.		TOTAL ATRAZIN	318	MG/KG	L	0.3800
GRAB	1	CHEM CHAR	.	.		TOTAL DIAZINON	318	MG/KG	L	0.3800
GRAB	1	CHEM CHAR	.	.		TOTAL METHYL PARA	318	MG/KG	L	0.3800
GRAB	1	CHEM CHAR	.	.		TOTAL ETHYLPAR	318	MG/KG	L	0.3800
GRAB	1	CHEM CHAR	.	.		TOT. DIOCTYL	318	MG/KG	L	0.3800
GRAB	1	CHEM CHAR	.	.		TOT. DIETPTH	318	MG/KG	L	0.3800
GRAB	1	CHEM CHAR	.	.		TOT. DIMEPTH	318	MG/KG	L	0.3800

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

64

----- STATION=XIF4614 DATE=93-05-10 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3914326 LONG=7621258 TIDE= WEATHER=CLEAR -----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE	
GRAB	1	CHEM CHAR	.	.	TOT. BENZANT	318	MG/KG	L	0.15	
GRAB	1	CHEM CHAR	.	.	TOT. BENZPYR	318	MG/KG	L	0.15	
GRAB	1	CHEM CHAR	.	.	TOT. BENZFLR	318	MG/KG	L	0.15	
GRAB	1	CHEM CHAR	.	.	TOT. CHRYSEN	318	MG/KG	L	0.15	
GRAB	1	CHEM CHAR	.	.	TOT. ACENPHTH	318	MG/KG	L	0.15	
GRAB	1	CHEM CHAR	.	.	TOTAL ALPHA-BHC	319	MG/KG	L	0.00	
GRAB	1	CHEM CHAR	.	.	TOTAL BETA-BHC	319	MG/KG	L	0.00	
GRAB	1	CHEM CHAR	.	.	TOTAL TOXAPHENE	319	MG/KG	L	0.08	
GRAB	1	CHEM CHAR	.	.	G-BHC	319	MG/KG	L	0.00	
GRAB	1	CHEM CHAR	.	.	PCB-1016	319	MG/KG	L	0.08	
GRAB	1	CHEM CHAR	.	.	PCB-1221	319	MG/KG	L	0.08	
GRAB	1	CHEM CHAR	.	.	PCB-1232	319	MG/KG	L	0.08	
GRAB	1	CHEM CHAR	.	.	PCB-1242	319	MG/KG	L	0.08	
GRAB	1	CHEM CHAR	.	.	PCB-1248	319	MG/KG	L	0.08	
GRAB	1	CHEM CHAR	.	.	PCB-1254	319	MG/KG	L	0.08	
GRAB	1	CHEM CHAR	.	.	PCB-1260	319	MG/KG	L	0.08	
GRAB	1	CHEM CHAR	.	.	TOT. ANTHRAC	318	MG/KG	L	0.15	
GRAB	1	CHEM CHAR	.	.	FLUORENE	318	MG/KG	L	0.15	
GRAB	1	CHEM CHAR	.	.	PHENANTHENE	318	MG/KG	L	0.15	
GRAB	1	CHEM CHAR	.	.	TOTAL DIBZAHIA	318	MG/KG	L	0.15	
GRAB	1	CHEM CHAR	.	.	INDENO123	318	MG/KG	L	0.15	
GRAB	1	CHEM CHAR	.	.	TOTAL PYRENE	318	MG/KG	L	0.15	
GRAB	1	CHEM CHAR	.	.	TOTAL ACENAPHTHYLE	318	MG/KG	L	0.15	
GRAB	1	CHEM CHAR	.	.	LINURON	318	MG/KG	L	0.38	
GRAB	1	CHEM CHAR	.	.	TOTAL BUTBEP	318	MG/KG	L	0.38	
GRAB	1	CHEM CHAR	.	.	TOTAL FLUORANTHENE	318	MG/KG	L	0.15	
GRAB	1	CHEM CHAR	.	.	TOTAL NAPHTHALENE	318	MG/KG	L	0.15	
GRAB	1	CHEM CHAR	.	.	BISZETHHEX PHTAL	318	MG/KG	L	0.38	
GRAB	1	CHEM CHAR	.	.	TRIFLURALINE	318	MG/KG	L	0.38	
GRAB	1	CHEM CHAR	.	.	BENZO(8)FLURANTHENE	318	MG/KG	L	0.15	
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		57.80	
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		31.20	
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		2.72	
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		324.00	
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		77.20	
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		15.80	
GRAB	2	CHEM CHAR	.	.	TOT. ACENPHTH	318	MG/KG	L	0.38	
GRAB	2	CHEM CHAR	.	.	TOTAL PYRENE	318	MG/KG	L	0.15	
GRAB	2	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		71.10	
GRAB	2	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		39.50	
GRAB	2	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		2.85	
GRAB	2	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		559.00	
GRAB	2	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		87.80	
GRAB	2	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		17.90	
GRAB	3	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		76.30	
GRAB	3	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		42.20	
GRAB	3	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		3.31	
GRAB	3	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1076.00	
GRAB	3	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		129.50	

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

65

----- STATION=XIF4614 DATE=93-05-10 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3914326 LONG=7621258 TIDE= WEATHER=CLEAR -----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
									GRAB

--- STATION=XIF4642 DATE=92-11-04 TIME=0 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3914350 LONG=7624115 TIDE= WEATHER=PARTLY CLOUDY ---

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
									GRAB
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW	33.00	
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT	2.34	
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW	896.00	
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW	190.00	
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW	31.60	

----- STATION=XIF4642 DATE=93-05-10 TIME=0 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3914350 LONG=7624115 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
									GRAB
GRAB	1	CHEM CHAR	.	.	TOTAL MALATHION	318	MG/KG	L	0.5100
GRAB	1	CHEM CHAR	.	.	DDD	319	MG/KG	L	0.0021
GRAB	1	CHEM CHAR	.	.	DDE	319	MG/KG	L	0.0021
GRAB	1	CHEM CHAR	.	.	TOTAL CHLORDANE	319	MG/KG	L	0.0530
GRAB	1	CHEM CHAR	.	.	TOTAL ENDRIN	319	MG/KG	L	0.0021
GRAB	1	CHEM CHAR	.	.	TOTAL HEPTOCHLOR	319	MG/KG	L	0.0021
GRAB	1	CHEM CHAR	.	.	THPTCLEP	319	MG/KG	L	0.0021
GRAB	1	CHEM CHAR	.	.	ALDRIN	319	MG/KG	L	0.0021
GRAB	1	CHEM CHAR	.	.	TOTAL DIELDREN	319	MG/KG	L	0.0021
GRAB	1	CHEM CHAR	.	.	TOTAL ALPHA-BHC	319	MG/KG	L	0.0021
GRAB	1	CHEM CHAR	.	.	TOTAL ATRAZIN	318	MG/KG	L	0.5100
GRAB	1	CHEM CHAR	.	.	TOTAL DIAZINON	318	MG/KG	L	0.5100
GRAB	1	CHEM CHAR	.	.	TOTAL METHYL PARA	318	MG/KG	L	0.5100
GRAB	1	CHEM CHAR	.	.	TOTAL ETHYLPAR	318	MG/KG	L	0.5100
GRAB	1	CHEM CHAR	.	.	TOT. DIOCTYL	318	MG/KG	L	0.5100
GRAB	1	CHEM CHAR	.	.	TOT. DIETPTH	318	MG/KG	L	0.5100
GRAB	1	CHEM CHAR	.	.	TOT. DIMEPHT	318	MG/KG	L	0.5100
GRAB	1	CHEM CHAR	.	.	TOT. BENZANT	318	MG/KG	L	0.2000
GRAB	1	CHEM CHAR	.	.	TOT. BENZPYR	318	MG/KG	L	0.2000
GRAB	1	CHEM CHAR	.	.	TOT. BENZFLR	318	MG/KG	L	0.2000
GRAB	1	CHEM CHAR	.	.	TOT. CHRYSEN	318	MG/KG	L	0.2000
GRAB	1	CHEM CHAR	.	.	TOT. ACENPTH	318	MG/KG	L	0.2000
GRAB	1	CHEM CHAR	.	.	TOTAL BETA-BHC	319	MG/KG	L	0.0021
GRAB	1	CHEM CHAR	.	.	TOTAL TOXAPHENE	319	MG/KG	L	0.0530
GRAB	1	CHEM CHAR	.	.	G-BHC	319	MG/KG	L	0.0021

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

66

----- STATION=XIF4642 DATE=93-05-10 TIME=0 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3914350 LONG=7624115 TIDE= WEATHER=CLEAR -----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	PCB-1016	319	MG/KG	L	0.053
GRAB	1	CHEM CHAR	.	.	PCB-1221	319	MG/KG	L	0.053
GRAB	1	CHEM CHAR	.	.	PCB-1232	319	MG/KG	L	0.053
GRAB	1	CHEM CHAR	.	.	PCB-1242	319	MG/KG	L	0.053
GRAB	1	CHEM CHAR	.	.	PCB-1248	319	MG/KG	L	0.053
GRAB	1	CHEM CHAR	.	.	PCB-1254	319	MG/KG	L	0.053
GRAB	1	CHEM CHAR	.	.	PCB-1260	319	MG/KG	L	0.053
GRAB	1	CHEM CHAR	.	.	TOT. ANTHRAC	318	MG/KG	L	0.200
GRAB	1	CHEM CHAR	.	.	FLUORENE	318	MG/KG	L	0.200
GRAB	1	CHEM CHAR	.	.	PHENANTHENE	318	MG/KG	L	0.200
GRAB	1	CHEM CHAR	.	.	TOTAL DIBZAHIA	318	MG/KG	L	0.200
GRAB	1	CHEM CHAR	.	.	INDENO123	318	MG/KG	L	0.200
GRAB	1	CHEM CHAR	.	.	TOTAL PYRENE	318	MG/KG	L	0.200
GRAB	1	CHEM CHAR	.	.	TOTAL ACENAPHTHYLE	318	MG/KG	L	0.200
GRAB	1	CHEM CHAR	.	.	LINURON	318	MG/KG	L	0.510
GRAB	1	CHEM CHAR	.	.	TOTAL BUTBEP	318	MG/KG	L	0.510
GRAB	1	CHEM CHAR	.	.	TOTAL FLUORANTHENE	318	MG/KG	L	0.200
GRAB	1	CHEM CHAR	.	.	TOTAL NAPTHALENE	318	MG/KG	L	0.200
GRAB	1	CHEM CHAR	.	.	BIS2ETHHEX PHTAL	318	MG/KG	L	0.600
GRAB	1	CHEM CHAR	.	.	TRIFLURALINE	318	MG/KG	L	0.510
GRAB	1	CHEM CHAR	.	.	BENZO(B)FLURANTHENE	318	MG/KG	L	0.200
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		83.200
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		45.800
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		2.700
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		531.000
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		220.000
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		38.800
GRAB	2	CHEM CHAR	.	.	TOTAL DDT	319	MG/KG	L	0.003
GRAB	2	CHEM CHAR	.	.	TOTAL MALATHION	318	MG/KG	L	0.620
GRAB	2	CHEM CHAR	.	.	DDD	319	MG/KG	L	0.003
GRAB	2	CHEM CHAR	.	.	DDE	319	MG/KG	L	0.003
GRAB	2	CHEM CHAR	.	.	TOTAL CHLORDANE	319	MG/KG	L	0.068
GRAB	2	CHEM CHAR	.	.	TOTAL ENDRIN	319	MG/KG	L	0.003
GRAB	2	CHEM CHAR	.	.	TOTAL HEPTOCHLOR	319	MG/KG	L	0.003
GRAB	2	CHEM CHAR	.	.	THPTCLEP	319	MG/KG	L	0.003
GRAB	2	CHEM CHAR	.	.	ALDRIN	319	MG/KG	L	0.003
GRAB	2	CHEM CHAR	.	.	TOTAL DIELDREN	319	MG/KG	L	0.003
GRAB	2	CHEM CHAR	.	.	TOTAL ALPHA-BHC	319	MG/KG	L	0.003
GRAB	2	CHEM CHAR	.	.	TOTAL ATRAZIN	318	MG/KG	L	0.620
GRAB	2	CHEM CHAR	.	.	TOTAL DIAZINON	318	MG/KG	L	0.620
GRAB	2	CHEM CHAR	.	.	TOTAL METHYL PARA	318	MG/KG	L	0.620
GRAB	2	CHEM CHAR	.	.	TOTAL ETHYLPAR	318	MG/KG	L	0.620
GRAB	2	CHEM CHAR	.	.	TOT. DIOTYL	318	MG/KG	L	0.620
GRAB	2	CHEM CHAR	.	.	TOT. DIETPTH	318	MG/KG	L	0.620
GRAB	2	CHEM CHAR	.	.	TOT. DIMEPTH	318	MG/KG	L	0.620
GRAB	2	CHEM CHAR	.	.	TOT. BENZANT	318	MG/KG	L	0.250
GRAB	2	CHEM CHAR	.	.	TOT. BENZPYR	318	MG/KG	L	0.250
GRAB	2	CHEM CHAR	.	.	TOT. BENZFLR	318	MG/KG	L	0.250
GRAB	2	CHEM CHAR	.	.	TOT. CHRYSEN	318	MG/KG	L	0.250

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

67

----- STATION=XIF4642 DATE=93-05-10 TIME=0 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3914350 LONG=7624115 TIDE= WEATHER=CLEAR -----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	2	CHEM CHAR	.	.	TOT. ACENPHTH	318	MG/KG	L	0.2500
GRAB	2	CHEM CHAR	.	.	TOTAL BETA-BHC	319	MG/KG	L	0.0027
GRAB	2	CHEM CHAR	.	.	TOTAL TOXAPHENE	319	MG/KG	L	0.0680
GRAB	2	CHEM CHAR	.	.	G-BHC	319	MG/KG	L	0.0027
GRAB	2	CHEM CHAR	.	.	PCB-1016	319	MG/KG	L	0.0680
GRAB	2	CHEM CHAR	.	.	PCB-1221	319	MG/KG	L	0.0680
GRAB	2	CHEM CHAR	.	.	PCB-1232	319	MG/KG	L	0.0680
GRAB	2	CHEM CHAR	.	.	PCB-1242	319	MG/KG	L	0.0680
GRAB	2	CHEM CHAR	.	.	PCB-1248	319	MG/KG	L	0.0680
GRAB	2	CHEM CHAR	.	.	PCB-1254	319	MG/KG	L	0.0680
GRAB	2	CHEM CHAR	.	.	PCB-1260	319	MG/KG	L	0.0680
GRAB	2	CHEM CHAR	.	.	TOT. ANTHRAC	318	MG/KG	L	0.2500
GRAB	2	CHEM CHAR	.	.	FLUORENE	318	MG/KG	L	0.2500
GRAB	2	CHEM CHAR	.	.	PHENANTHENE	318	MG/KG	L	0.2500
GRAB	2	CHEM CHAR	.	.	TOTAL DIBZABA	318	MG/KG	L	0.2500
GRAB	2	CHEM CHAR	.	.	INDENO123	318	MG/KG	L	0.2500
GRAB	2	CHEM CHAR	.	.	TOTAL PYRENE	318	MG/KG	L	0.2000
GRAB	2	CHEM CHAR	.	.	TOTAL ACENAPHTHYLE	318	MG/KG	L	0.2500
GRAB	2	CHEM CHAR	.	.	LINURON	318	MG/KG	L	0.6200
GRAB	2	CHEM CHAR	.	.	TOTAL BUTBEP	318	MG/KG	L	0.6200
GRAB	2	CHEM CHAR	.	.	TOTAL FLUORANTHENE	318	MG/KG	L	0.2500
GRAB	2	CHEM CHAR	.	.	TOTAL NAPTHALENE	318	MG/KG	L	0.2500
GRAB	2	CHEM CHAR	.	.	BIS2ETHHEX PHTAL	318	MG/KG	L	1.0000
GRAB	2	CHEM CHAR	.	.	TRIFLURALINE	318	MG/KG	L	0.6200
GRAB	2	CHEM CHAR	.	.	BENZO(B)FLURANTHENE	318	MG/KG	L	0.2500
GRAB	3	CHEM CHAR	.	.	TOTAL DDT	319	MG/KG	L	0.0028
GRAB	3	CHEM CHAR	.	.	DDD	319	MG/KG	L	0.0028
GRAB	3	CHEM CHAR	.	.	DDE	319	MG/KG	L	0.0028
GRAB	3	CHEM CHAR	.	.	TOTAL CHLORDANE	319	MG/KG	L	0.0700
GRAB	3	CHEM CHAR	.	.	TOTAL ENDRIN	319	MG/KG	L	0.0028
GRAB	3	CHEM CHAR	.	.	TOTAL HEPTOCHLOR	319	MG/KG	L	0.0028
GRAB	3	CHEM CHAR	.	.	THPTCLEP	319	MG/KG	L	0.0028
GRAB	3	CHEM CHAR	.	.	ALDRIN	319	MG/KG	L	0.0028
GRAB	3	CHEM CHAR	.	.	TOTAL DIELDREN	319	MG/KG	L	0.0028
GRAB	3	CHEM CHAR	.	.	TOTAL MALATHION	318	MG/KG	L	0.6400
GRAB	3	CHEM CHAR	.	.	TOTAL ATRAZIN	318	MG/KG	L	0.6400
GRAB	3	CHEM CHAR	.	.	TOTAL DIAZINON	318	MG/KG	L	0.6400
GRAB	3	CHEM CHAR	.	.	TOTAL METHYL PARA	318	MG/KG	L	0.6400
GRAB	3	CHEM CHAR	.	.	TOTAL ETHYLPAR	318	MG/KG	L	0.6400
GRAB	3	CHEM CHAR	.	.	TOT. DIOCPTYL	318	MG/KG	L	0.6400
GRAB	3	CHEM CHAR	.	.	TOT. DIETPTH	318	MG/KG	L	0.6400
GRAB	3	CHEM CHAR	.	.	TOT. DIMEPTH	318	MG/KG	L	0.6400
GRAB	3	CHEM CHAR	.	.	TOT. BENZANT	318	MG/KG	L	0.2500
GRAB	3	CHEM CHAR	.	.	TOT. BENZPYR	318	MG/KG	L	0.2500
GRAB	3	CHEM CHAR	.	.	TOT. BENZFLR	318	MG/KG	L	0.2500
GRAB	3	CHEM CHAR	.	.	TOT. CHRYSEN	318	MG/KG	L	0.2500
GRAB	3	CHEM CHAR	.	.	TOT. ACENPHTH	318	MG/KG	L	0.2500
GRAB	3	CHEM CHAR	.	.	TOTAL ALPHA-BHC	319	MG/KG	L	0.0028
GRAB	3	CHEM CHAR	.	.	TOTAL BETA-BHC	319	MG/KG	L	0.0028

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

68

----- STATION=XIF4642 DATE=93-05-10 TIME=0 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3914350 LONG=7624115 TIDE= WEATHER=CLEAR -----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	3	CHEM CHAR	.	.	TOTAL TOXAPHENE	319	MG/KG	L	0.0700
GRAB	3	CHEM CHAR	.	.	G-BHC	319	MG/KG	L	0.0028
GRAB	3	CHEM CHAR	.	.	PCB-1016	319	MG/KG	L	0.0700
GRAB	3	CHEM CHAR	.	.	PCB-1221	319	MG/KG	L	0.0700
GRAB	3	CHEM CHAR	.	.	PCB-1232	319	MG/KG	L	0.0700
GRAB	3	CHEM CHAR	.	.	PCB-1242	319	MG/KG	L	0.0700
GRAB	3	CHEM CHAR	.	.	PCB-1248	319	MG/KG	L	0.0700
GRAB	3	CHEM CHAR	.	.	PCB-1254	319	MG/KG	L	0.0700
GRAB	3	CHEM CHAR	.	.	PCB-1260	319	MG/KG	L	0.0700
GRAB	3	CHEM CHAR	.	.	TOT. ANTHRAC	318	MG/KG	L	0.2500
GRAB	3	CHEM CHAR	.	.	FLUORENE	318	MG/KG	L	0.2500
GRAB	3	CHEM CHAR	.	.	PHENANTHENE	318	MG/KG	L	0.2500
GRAB	3	CHEM CHAR	.	.	TOTAL DIBZABA	318	MG/KG	L	0.2500
GRAB	3	CHEM CHAR	.	.	INDENO123	318	MG/KG	L	0.2500
GRAB	3	CHEM CHAR	.	.	TOTAL PYRENE	318	MG/KG	L	0.2500
GRAB	3	CHEM CHAR	.	.	TOTAL ACENAPHTHYLE	318	MG/KG	L	0.2500
GRAB	3	CHEM CHAR	.	.	LIMURON	318	MG/KG	L	0.6400
GRAB	3	CHEM CHAR	.	.	TOTAL BUTBEP	318	MG/KG	L	0.6400
GRAB	3	CHEM CHAR	.	.	TOTAL FLUORANTHENE	318	MG/KG	L	0.2500
GRAB	3	CHEM CHAR	.	.	TOTAL NAPTHALENE	318	MG/KG	L	0.2500
GRAB	3	CHEM CHAR	.	.	BISZETHHEX PHTAL	318	MG/KG	L	0.5100
GRAB	3	CHEM CHAR	.	.	TRIFLURALINE	318	MG/KG	L	0.6400
GRAB	3	CHEM CHAR	.	.	BENZO(B)FLURANTHENE	318	MG/KG	L	0.2500
GRAB	4	CHEM CHAR	.	.	TOT. ACENPHT	318	MG/KG	L	0.5100
GRAB	4	CHEM CHAR	.	.	TOTAL PYRENE	318	MG/KG	L	0.2500
GRAB	5	CHEM CHAR	.	.	TOT. ACENPHT	318	MG/KG	L	0.6200
GRAB	5	CHEM CHAR	.	.	TOTAL PYRENE	318	MG/KG	L	0.2500
GRAB	6	CHEM CHAR	.	.	TOT. ACENPHT	318	MG/KG	L	0.6400
GRAB	6	CHEM CHAR	.	.	TOTAL PYRENE	318	MG/KG	L	0.2500

----- STATION=XIF4936 DATE=93-05-10 TIME=0 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3914532 LONG=7623354 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
CORE	1	CHEM CHAR	0	2	TOTAL CHROMIUM	310	UG/GM-DW		123.90
CORE	1	CHEM CHAR	0	2	TOTAL NICKEL	314	UG/GM-DW		76.60
CORE	1	CHEM CHAR	0	2	TOTAL IRON	312	%-BYWT		4.27
CORE	1	CHEM CHAR	0	2	TOTAL MANGANESE	313	UG/GM-DW		3851.00
CORE	1	CHEM CHAR	0	2	TOTAL ZINC	315	UG/GM-DW		317.80
CORE	1	CHEM CHAR	0	2	TOTAL COPPER	311	UG/GM-DW		57.50
CORE	1	CHEM CHAR	2	5	TOTAL CHROMIUM	310	UG/GM-DW		121.20
CORE	1	CHEM CHAR	2	5	TOTAL NICKEL	314	UG/GM-DW		76.00
CORE	1	CHEM CHAR	2	5	TOTAL IRON	312	%-BYWT		4.34
CORE	1	CHEM CHAR	2	5	TOTAL MANGANESE	313	UG/GM-DW		1838.00
CORE	1	CHEM CHAR	2	5	TOTAL ZINC	315	UG/GM-DW		317.80
CORE	1	CHEM CHAR	2	5	TOTAL COPPER	311	UG/GM-DW		63.10

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

69

----- STATION=XIF4936 DATE=93-05-10 TIME=0 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3914532 LONG=7623354 TIDE= WEATHER=CLEAR -----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
CORE	1	CHEM CHAR	5	8	TOTAL CHROMIUM	310	UG/GM-DW		112.40
CORE	1	CHEM CHAR	5	8	TOTAL NICKEL	314	UG/GM-DW		65.80
CORE	1	CHEM CHAR	5	8	TOTAL IRON	312	X-BYWT		3.95
CORE	1	CHEM CHAR	5	8	TOTAL MANGANESE	313	UG/GM-DW		1237.00
CORE	1	CHEM CHAR	5	8	TOTAL ZINC	315	UG/GM-DW		294.00
CORE	1	CHEM CHAR	5	8	TOTAL COPPER	311	UG/GM-DW		62.00
CORE	1	CHEM CHAR	8	10	TOTAL CHROMIUM	310	UG/GM-DW		113.60
CORE	1	CHEM CHAR	8	10	TOTAL NICKEL	314	UG/GM-DW		60.30
CORE	1	CHEM CHAR	8	10	TOTAL IRON	312	X-BYWT		4.01
CORE	1	CHEM CHAR	8	10	TOTAL MANGANESE	313	UG/GM-DW		1051.00
CORE	1	CHEM CHAR	8	10	TOTAL ZINC	315	UG/GM-DW		291.80
CORE	1	CHEM CHAR	8	10	TOTAL COPPER	311	UG/GM-DW		59.70
CORE	1	CHEM CHAR	22	26	TOTAL CHROMIUM	310	UG/GM-DW		153.30
CORE	1	CHEM CHAR	22	26	TOTAL NICKEL	314	UG/GM-DW		87.10
CORE	1	CHEM CHAR	22	26	TOTAL IRON	312	X-BYWT		4.45
CORE	1	CHEM CHAR	22	26	TOTAL MANGANESE	313	UG/GM-DW		1098.00
CORE	1	CHEM CHAR	22	26	TOTAL ZINC	315	UG/GM-DW		445.90
CORE	1	CHEM CHAR	22	26	TOTAL COPPER	311	UG/GM-DW		91.20
CORE	1	CHEM CHAR	46	50	TOTAL CHROMIUM	310	UG/GM-DW		157.00
CORE	1	CHEM CHAR	46	50	TOTAL NICKEL	314	UG/GM-DW		136.10
CORE	1	CHEM CHAR	46	50	TOTAL IRON	312	X-BYWT		4.86
CORE	1	CHEM CHAR	46	50	TOTAL MANGANESE	313	UG/GM-DW		1443.00
CORE	1	CHEM CHAR	46	50	TOTAL ZINC	315	UG/GM-DW		558.10
CORE	1	CHEM CHAR	46	50	TOTAL COPPER	311	UG/GM-DW		77.20

---- STATION=XIF5232 DATE=92-11-04 TIME=0 DEPTH=9 COUNTY=BA BASIN=2139997 LAT=3915086 LONG=7623102 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		113.70
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		61.40
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		4.13
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		952.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		287.90
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		50.90

----- STATION=XIF5232 DATE=93-05-10 TIME=0 DEPTH=7 COUNTY=BA BASIN=2139997 LAT=3915086 LONG=7623102 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		110.80
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		67.60
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		4.16

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

70

----- STATION=XIF5232 DATE=93-05-10 TIME=0 DEPTH=7 COUNTY=BA BASIN=2139997 LAT=3915086 LONG=7623102 TIDE= WEATHER=CLEAR -----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1133.0
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		278.3
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		48.1

---- STATION=XIF5427 DATE=92-11-04 TIME=0 DEPTH=9 COUNTY=BA BASIN=2139997 LAT=3915238 LONG=7622427 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		104.20
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		59.80
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.38
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1063.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		286.20
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		46.20

----- STATION=XIF5427 DATE=93-05-10 TIME=0 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3915238 LONG=7622427 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		106.60
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		70.70
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.42
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1103.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		282.90
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		46.30

--- STATION=XIF5722 DATE=92-11-04 TIME=0 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3915395 LONG=7622124 TIDE= WEATHER=PARTLY CLOUDY ---

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		68.50
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		44.10
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		2.74
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		895.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		194.00
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		30.60
GRAB	2	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		71.60
GRAB	2	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		44.80
GRAB	2	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		2.90
GRAB	2	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		952.00

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

71

--- STATION=XIF5722 DATE=92-11-04 TIME=0 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3915395 LONG=7622124 TIDE= WEATHER=PARTLY CLOUDY ----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
GRAB	2	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		207.80
GRAB	2	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		31.70
GRAB	3	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		84.40
GRAB	3	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		55.10
GRAB	3	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		3.45
GRAB	3	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1069.00
GRAB	3	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		256.00
GRAB	3	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		38.40

----- STATION=XIF5722 DATE=93-05-10 TIME=0 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3915395 LONG=7622124 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		65.00
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		52.60
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		2.61
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		658.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		200.90
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		29.50
GRAB	2	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		79.60
GRAB	2	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		65.10
GRAB	2	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		3.11
GRAB	2	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		974.00
GRAB	2	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		255.50
GRAB	2	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		40.40
GRAB	3	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		90.30
GRAB	3	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		68.90
GRAB	3	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		3.69
GRAB	3	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1047.00
GRAB	3	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		266.90
GRAB	3	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		41.40

--- STATION=XIF5817 DATE=92-11-04 TIME=0 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3915491 LONG=7621417 TIDE= WEATHER=PARTLY CLOUDY ---

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		101.10
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		64.60
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		4.39
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1351.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		294.40
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		45.60

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

72

----- STATION=XIF5817 DATE=93-05-10 TIME=0 DEPTH=9 COUNTY=BA BASIN=2139997 LAT=3915491 LONG=7621417 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		113.80
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		79.00
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.85
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1318.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		303.30
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		47.50

--- STATION=XIF5925 DATE=92-11-04 TIME=0 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3915514 LONG=7622320 TIDE= WEATHER=PARTLY CLOUDY ---

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		125.40
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		81.10
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.78
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1207.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		385.70
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		58.60
GRAB	2	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		129.80
GRAB	2	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		95.80
GRAB	2	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.91
GRAB	2	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1288.00
GRAB	2	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		446.30
GRAB	2	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		62.10
GRAB	3	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		139.50
GRAB	3	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		103.10
GRAB	3	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.01
GRAB	3	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1355.00
GRAB	3	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		485.20
GRAB	3	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		66.70

----- STATION=XIF5925 DATE=93-05-10 TIME=0 DEPTH=9 COUNTY=BA BASIN=2139997 LAT=3915514 LONG=7622320 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
GRAB	1	CHEM CHAR	.	.	TOTAL DDT	319	MG/KG	L	0.0046
GRAB	1	CHEM CHAR	.	.	DDD	319	MG/KG	L	0.0046
GRAB	1	CHEM CHAR	.	.	DDE	319	MG/KG	L	0.0046
GRAB	1	CHEM CHAR	.	.	TOTAL CHLORDANE	319	MG/KG	L	0.1200
GRAB	1	CHEM CHAR	.	.	TOTAL ENDRIN	319	MG/KG	L	0.0046
GRAB	1	CHEM CHAR	.	.	TOTAL HEPTOCHLOR	319	MG/KG	L	0.0046
GRAB	1	CHEM CHAR	.	.	THPTCLEP	319	MG/KG	L	0.0046
GRAB	1	CHEM CHAR	.	.	ALDRIN	319	MG/KG	L	0.0046
GRAB	1	CHEM CHAR	.	.	TOTAL DIELDREN	319	MG/KG	L	0.0046
GRAB	1	CHEM CHAR	.	.	TOTAL MALATHION	318	MG/KG	L	0.6300

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

73

----- STATION=XIF5925 DATE=93-05-10 TIME=0 DEPTH=9 COUNTY=BA BASIN=2139997 LAT=3915514 LONG=7622320 TIDE= WEATHER=CLEAR -----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	TO CORE			
						METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL ATRAZIN	318	MG/KG	L	0.63
GRAB	1	CHEM CHAR	.	.	TOTAL DIAZINON	318	MG/KG	L	0.63
GRAB	1	CHEM CHAR	.	.	TOTAL METHYL PARA	318	MG/KG	L	0.63
GRAB	1	CHEM CHAR	.	.	TOTAL ETHYLPAR	318	MG/KG	L	0.63
GRAB	1	CHEM CHAR	.	.	TOT. DIOCYL	318	MG/KG	L	0.63
GRAB	1	CHEM CHAR	.	.	TOT. DIETPTH	318	MG/KG	L	0.63
GRAB	1	CHEM CHAR	.	.	TOT. DIMEPTH	318	MG/KG	L	0.63
GRAB	1	CHEM CHAR	.	.	TOT. BENZANT	318	MG/KG	L	0.25
GRAB	1	CHEM CHAR	.	.	TOT. BENZPYR	318	MG/KG	L	0.25
GRAB	1	CHEM CHAR	.	.	TOT. BENZFLR	318	MG/KG	L	0.25
GRAB	1	CHEM CHAR	.	.	TOT. CHRYSEN	318	MG/KG	L	0.25
GRAB	1	CHEM CHAR	.	.	TOT. ACENPHTH	318	MG/KG	L	0.25
GRAB	1	CHEM CHAR	.	.	TOTAL ALPHA-BHC	319	MG/KG	L	0.00
GRAB	1	CHEM CHAR	.	.	TOTAL BETA-BHC	319	MG/KG	L	0.00
GRAB	1	CHEM CHAR	.	.	TOTAL TOXAPHENE	319	MG/KG	L	0.12
GRAB	1	CHEM CHAR	.	.	G-BHC	319	MG/KG	L	0.00
GRAB	1	CHEM CHAR	.	.	PCB-1016	319	MG/KG	L	0.12
GRAB	1	CHEM CHAR	.	.	PCB-1221	319	MG/KG	L	0.12
GRAB	1	CHEM CHAR	.	.	PCB-1232	319	MG/KG	L	0.12
GRAB	1	CHEM CHAR	.	.	PCB-1242	319	MG/KG	L	0.12
GRAB	1	CHEM CHAR	.	.	PCB-1248	319	MG/KG	L	0.12
GRAB	1	CHEM CHAR	.	.	PCB-1254	319	MG/KG	L	0.12
GRAB	1	CHEM CHAR	.	.	PCB-1260	319	MG/KG	L	0.12
GRAB	1	CHEM CHAR	.	.	TOT. ANTHRAC	318	MG/KG	L	0.25
GRAB	1	CHEM CHAR	.	.	FLUORENE	318	MG/KG	L	0.25
GRAB	1	CHEM CHAR	.	.	PHENANTHENE	318	MG/KG	L	0.29
GRAB	1	CHEM CHAR	.	.	TOTAL DIBZABA	318	MG/KG	L	0.25
GRAB	1	CHEM CHAR	.	.	INDENO123	318	MG/KG	L	0.25
GRAB	1	CHEM CHAR	.	.	TOTAL PYRENE	318	MG/KG	L	0.25
GRAB	1	CHEM CHAR	.	.	TOTAL ACENAPHTHYLE	318	MG/KG	L	0.25
GRAB	1	CHEM CHAR	.	.	LINURON	318	MG/KG	L	0.63
GRAB	1	CHEM CHAR	.	.	TOTAL BUTBEP	318	MG/KG	L	0.63
GRAB	1	CHEM CHAR	.	.	TOTAL FLUORANTHENE	318	MG/KG	L	0.25
GRAB	1	CHEM CHAR	.	.	TOTAL NAPHTHALENE	318	MG/KG	L	0.31
GRAB	1	CHEM CHAR	.	.	BIS2ETHHEX PHTAL	318	MG/KG	L	0.63
GRAB	1	CHEM CHAR	.	.	TRIFLURALINE	318	MG/KG	L	0.63
GRAB	1	CHEM CHAR	.	.	BENZO(B)FLURANTHENE	318	MG/KG	L	0.25
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		123.10
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		125.10
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		4.89
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1407.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		530.80
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		61.20
GRAB	2	CHEM CHAR	.	.	TOT. ACENPHTH	318	MG/KG	L	0.63
GRAB	2	CHEM CHAR	.	.	TOTAL PYRENE	318	MG/KG	L	0.25
GRAB	2	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		125.30
GRAB	2	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		128.00
GRAB	2	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		5.15
GRAB	2	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1407.00

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

74

----- STATION=XIF5925 DATE=93-05-10 TIME=0 DEPTH=9 COUNTY=BA BASIN=2139997 LAT=3915514 LONG=7622320 TIDE= WEATHER=CLEAR -----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE	
									GRAB	GRAB
GRAB	2	CHEM CHAR	:	:	TOTAL ZINC	309	UG/GM-DW		537.30	
GRAB	2	CHEM CHAR	:	:	TOTAL COPPER	305	UG/GM-DW		64.10	

----- STATION=XIF5925 DATE=93-05-10 TIME=0 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3915514 LONG=7622320 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE	
									CORE	CORE
CORE	1	CHEM CHAR	0	2	TOTAL CHROMIUM	310	UG/GM-DW		129.00	
CORE	1	CHEM CHAR	0	2	TOTAL NICKEL	314	UG/GM-DW		126.80	
CORE	1	CHEM CHAR	0	2	TOTAL IRON	312	X-BYWT		5.38	
CORE	1	CHEM CHAR	0	2	TOTAL MANGANESE	313	UG/GM-DW		2916.00	
CORE	1	CHEM CHAR	0	2	TOTAL ZINC	315	UG/GM-DW		492.00	
CORE	1	CHEM CHAR	0	2	TOTAL COPPER	311	UG/GM-DW		69.40	
CORE	1	CHEM CHAR	2	5	TOTAL CHROMIUM	310	UG/GM-DW		132.30	
CORE	1	CHEM CHAR	2	5	TOTAL NICKEL	314	UG/GM-DW		143.50	
CORE	1	CHEM CHAR	2	5	TOTAL IRON	312	X-BYWT		5.46	
CORE	1	CHEM CHAR	2	5	TOTAL MANGANESE	313	UG/GM-DW		2643.00	
CORE	1	CHEM CHAR	2	5	TOTAL ZINC	315	UG/GM-DW		559.30	
CORE	1	CHEM CHAR	2	5	TOTAL COPPER	311	UG/GM-DW		73.20	
CORE	1	CHEM CHAR	5	8	TOTAL CHROMIUM	310	UG/GM-DW		135.70	
CORE	1	CHEM CHAR	5	8	TOTAL NICKEL	314	UG/GM-DW		132.90	
CORE	1	CHEM CHAR	5	8	TOTAL IRON	312	X-BYWT		5.09	
CORE	1	CHEM CHAR	5	8	TOTAL MANGANESE	313	UG/GM-DW		1694.00	
CORE	1	CHEM CHAR	5	8	TOTAL ZINC	315	UG/GM-DW		535.40	
CORE	1	CHEM CHAR	5	8	TOTAL COPPER	311	UG/GM-DW		73.80	
CORE	1	CHEM CHAR	8	10	TOTAL CHROMIUM	310	UG/GM-DW		121.00	
CORE	1	CHEM CHAR	8	10	TOTAL NICKEL	314	UG/GM-DW		114.20	
CORE	1	CHEM CHAR	8	10	TOTAL IRON	312	X-BYWT		5.06	
CORE	1	CHEM CHAR	8	10	TOTAL MANGANESE	313	UG/GM-DW		1625.00	
CORE	1	CHEM CHAR	8	10	TOTAL ZINC	315	UG/GM-DW		456.80	
CORE	1	CHEM CHAR	8	10	TOTAL COPPER	311	UG/GM-DW		74.20	
CORE	1	CHEM CHAR	20	24	TOTAL CHROMIUM	310	UG/GM-DW		81.00	
CORE	1	CHEM CHAR	20	24	TOTAL NICKEL	314	UG/GM-DW		45.90	
CORE	1	CHEM CHAR	20	24	TOTAL IRON	312	X-BYWT		4.51	
CORE	1	CHEM CHAR	20	24	TOTAL MANGANESE	313	UG/GM-DW		1409.00	
CORE	1	CHEM CHAR	20	24	TOTAL ZINC	315	UG/GM-DW		112.00	
CORE	1	CHEM CHAR	20	24	TOTAL COPPER	311	UG/GM-DW		29.50	
CORE	1	CHEM CHAR	50	54	TOTAL CHROMIUM	310	UG/GM-DW		99.10	
CORE	1	CHEM CHAR	50	54	TOTAL NICKEL	314	UG/GM-DW		40.90	
CORE	1	CHEM CHAR	50	54	TOTAL IRON	312	X-BYWT		5.19	
CORE	1	CHEM CHAR	50	54	TOTAL MANGANESE	313	UG/GM-DW		1821.00	
CORE	1	CHEM CHAR	50	54	TOTAL ZINC	315	UG/GM-DW		116.80	
CORE	1	CHEM CHAR	50	54	TOTAL COPPER	311	UG/GM-DW		15.80	

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

75

--- STATION=XIF6417 DATE=92-11-04 TIME=0 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3916210 LONG=7621430 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		105.10
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		81.60
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.73
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2073.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		366.60
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		53.10

----- STATION=XIF6417 DATE=93-05-10 TIME=0 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3916210 LONG=7621430 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		106.00
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		87.80
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.95
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2460.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		346.40
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		45.70

--- STATION=XIG2964 DATE=92-11-04 TIME=0 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3912510 LONG=7616233 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		83.70
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		60.10
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		3.96
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1884.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		233.30
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		37.80

----- STATION=XIG2964 DATE=93-05-10 TIME=0 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3912510 LONG=7616233 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
GRAB	1	CHEM CHAR	.	.	TOTAL DDT	319	MG/KG	L	0.0022
GRAB	1	CHEM CHAR	.	.	DDD	319	MG/KG	L	0.0022
GRAB	1	CHEM CHAR	.	.	DDE	319	MG/KG	L	0.0022
GRAB	1	CHEM CHAR	.	.	TOTAL CHLORDANE	319	MG/KG	L	0.0550
GRAB	1	CHEM CHAR	.	.	TOTAL ENDRIN	319	MG/KG	L	0.0022
GRAB	1	CHEM CHAR	.	.	TOTAL HEPTOCHLOR	319	MG/KG	L	0.0022
GRAB	1	CHEM CHAR	.	.	THPTCLEP	319	MG/KG	L	0.0022
GRAB	1	CHEM CHAR	.	.	ALDRIN	319	MG/KG	L	0.0022

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

76

----- STATION=XIG2964 DATE=93-05-10 TIME=0 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3912510 LONG=7616233 TIDE= WEATHER=CLEAR -----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL DIELDREN	319	MG/KG	L	0.00
GRAB	1	CHEM CHAR	.	.	TOTAL MALATHION	318	MG/KG	L	0.49
GRAB	1	CHEM CHAR	.	.	TOTAL ATRAZIN	318	MG/KG	L	0.49
GRAB	1	CHEM CHAR	.	.	TOTAL DIAZINON	318	MG/KG	L	0.49
GRAB	1	CHEM CHAR	.	.	TOTAL METHYL PARA	318	MG/KG	L	0.49
GRAB	1	CHEM CHAR	.	.	TOTAL ETHYLPAR	318	MG/KG	L	0.49
GRAB	1	CHEM CHAR	.	.	TOT. DIOCYL	318	MG/KG	L	0.49
GRAB	1	CHEM CHAR	.	.	TOT. DIETPTH	318	MG/KG	L	0.49
GRAB	1	CHEM CHAR	.	.	TOT. DIMEPTH	318	MG/KG	L	0.49
GRAB	1	CHEM CHAR	.	.	TOT. BENZANT	318	MG/KG	L	0.20
GRAB	1	CHEM CHAR	.	.	TOT. BENZPYR	318	MG/KG	L	0.20
GRAB	1	CHEM CHAR	.	.	TOT. BENZFLR	318	MG/KG	L	0.20
GRAB	1	CHEM CHAR	.	.	TOT. CHRYSEN	318	MG/KG	L	0.20
GRAB	1	CHEM CHAR	.	.	TOT. ACENPHTH	318	MG/KG	L	1.00
GRAB	1	CHEM CHAR	.	.	TOTAL ALPHA-BHC	319	MG/KG	L	0.00
GRAB	1	CHEM CHAR	.	.	TOTAL BETA-BHC	319	MG/KG	L	0.00
GRAB	1	CHEM CHAR	.	.	TOTAL TOXAPHENE	319	MG/KG	L	0.06
GRAB	1	CHEM CHAR	.	.	G-BHC	319	MG/KG	L	0.00
GRAB	1	CHEM CHAR	.	.	PCB-1016	319	MG/KG	L	0.06
GRAB	1	CHEM CHAR	.	.	PCB-1221	319	MG/KG	L	0.06
GRAB	1	CHEM CHAR	.	.	PCB-1232	319	MG/KG	L	0.06
GRAB	1	CHEM CHAR	.	.	PCB-1242	319	MG/KG	L	0.06
GRAB	1	CHEM CHAR	.	.	PCB-1248	319	MG/KG	L	0.06
GRAB	1	CHEM CHAR	.	.	PCB-1254	319	MG/KG	L	0.06
GRAB	1	CHEM CHAR	.	.	PCB-1260	319	MG/KG	L	0.06
GRAB	1	CHEM CHAR	.	.	TOT. ANTHRAC	318	MG/KG	L	0.20
GRAB	1	CHEM CHAR	.	.	FLUORENE	318	MG/KG	L	0.20
GRAB	1	CHEM CHAR	.	.	PHENANTHENE	318	MG/KG	L	0.20
GRAB	1	CHEM CHAR	.	.	TOTAL DIBZHA	318	MG/KG	L	0.20
GRAB	1	CHEM CHAR	.	.	INDENO123	318	MG/KG	L	0.20
GRAB	1	CHEM CHAR	.	.	TOTAL PYRENE	318	MG/KG	L	0.20
GRAB	1	CHEM CHAR	.	.	TOTAL ACENAPHTHYLE	318	MG/KG	L	0.20
GRAB	1	CHEM CHAR	.	.	LINURON	318	MG/KG	L	0.49
GRAB	1	CHEM CHAR	.	.	TOTAL BUTBEP	318	MG/KG	L	0.49
GRAB	1	CHEM CHAR	.	.	TOTAL FLUORANTHENE	318	MG/KG	L	0.20
GRAB	1	CHEM CHAR	.	.	TOTAL NAPTHALENE	318	MG/KG	L	0.24
GRAB	1	CHEM CHAR	.	.	BIS2ETHHEX PHTAL	318	MG/KG	L	0.49
GRAB	1	CHEM CHAR	.	.	TRIFLURALINE	318	MG/KG	L	0.49
GRAB	1	CHEM CHAR	.	.	BENZO(B)FLURANTHENE	318	MG/KG	L	0.20
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW	L	90.70
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW	L	59.20
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT	L	4.49
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW	L	2280.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW	L	214.30
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW	L	31.40
GRAB	2	CHEM CHAR	.	.	TOT. ACENPHTH	318	MG/KG	L	0.20
GRAB	2	CHEM CHAR	.	.	TOTAL PYRENE	318	MG/KG	L	0.20

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

77

--- STATION=XIG3090 DATE=92-11-04 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3913592 LONG=7619595 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.					
					VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		100.60
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		68.10
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.86
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		3165.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		297.30
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		43.00

----- STATION=XIG3090 DATE=93-05-10 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3913592 LONG=7619595 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.					
					VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL DDT	319	MG/KG	L	0.0039
GRAB	1	CHEM CHAR	.	.	DDD	319	MG/KG	L	0.0039
GRAB	1	CHEM CHAR	.	.	DDE	319	MG/KG	L	0.0039
GRAB	1	CHEM CHAR	.	.	TOTAL CHLORDANE	319	MG/KG	L	0.0980
GRAB	1	CHEM CHAR	.	.	TOTAL ENDRIN	319	MG/KG	L	0.0039
GRAB	1	CHEM CHAR	.	.	TOTAL HEPTOCHLOR	319	MG/KG	L	0.0039
GRAB	1	CHEM CHAR	.	.	THPTClep	319	MG/KG	L	0.0039
GRAB	1	CHEM CHAR	.	.	ALDRIN	319	MG/KG	L	0.0039
GRAB	1	CHEM CHAR	.	.	TOTAL DIELDREN	319	MG/KG	L	0.0039
GRAB	1	CHEM CHAR	.	.	TOTAL MALATHION	318	MG/KG	L	0.4700
GRAB	1	CHEM CHAR	.	.	TOTAL ATRAZIN	318	MG/KG	L	0.4700
GRAB	1	CHEM CHAR	.	.	TOTAL DIAZINON	318	MG/KG	L	0.4700
GRAB	1	CHEM CHAR	.	.	TOTAL METHYL PARA	318	MG/KG	L	0.4700
GRAB	1	CHEM CHAR	.	.	TOTAL ETHYLPAR	318	MG/KG	L	0.4700
GRAB	1	CHEM CHAR	.	.	TOT. DIOCTYL	318	MG/KG	L	0.4700
GRAB	1	CHEM CHAR	.	.	TOT. DIETPTH	318	MG/KG	L	0.4700
GRAB	1	CHEM CHAR	.	.	TOT. DIMEPTH	318	MG/KG	L	0.4700
GRAB	1	CHEM CHAR	.	.	TOT. BENZANT	318	MG/KG	L	0.1900
GRAB	1	CHEM CHAR	.	.	TOT. BENZPYR	318	MG/KG	L	0.1900
GRAB	1	CHEM CHAR	.	.	TOT. BENZFLR	318	MG/KG	L	0.1900
GRAB	1	CHEM CHAR	.	.	TOT. CHRYSEN	318	MG/KG	L	0.1900
GRAB	1	CHEM CHAR	.	.	TOT. ACENPTH	318	MG/KG		1.1000
GRAB	1	CHEM CHAR	.	.	TOTAL ALPHA-BHC	319	MG/KG	L	0.0039
GRAB	1	CHEM CHAR	.	.	TOTAL BETA-BHC	319	MG/KG	L	0.0039
GRAB	1	CHEM CHAR	.	.	TOTAL TOXAPHENE	319	MG/KG	L	0.0980
GRAB	1	CHEM CHAR	.	.	G-BHC	319	MG/KG	L	0.0039
GRAB	1	CHEM CHAR	.	.	PCB-1016	319	MG/KG	L	0.0980
GRAB	1	CHEM CHAR	.	.	PCB-1221	319	MG/KG	L	0.0980
GRAB	1	CHEM CHAR	.	.	PCB-1232	319	MG/KG	L	0.0980
GRAB	1	CHEM CHAR	.	.	PCB-1242	319	MG/KG	L	0.0980
GRAB	1	CHEM CHAR	.	.	PCB-1248	319	MG/KG	L	0.0980
GRAB	1	CHEM CHAR	.	.	PCB-1254	319	MG/KG	L	0.0980
GRAB	1	CHEM CHAR	.	.	PCB-1260	319	MG/KG	L	0.0980
GRAB	1	CHEM CHAR	.	.	TOT. ANTHRAC	318	MG/KG	L	0.1900
GRAB	1	CHEM CHAR	.	.	FLUORENE	318	MG/KG	L	0.1900
GRAB	1	CHEM CHAR	.	.	PHENANTHENE	318	MG/KG	L	0.1900

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

78

----- STATION=XIG3090 DATE=93-05-10 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3913592 LONG=7619595 TIDE= WEATHER=CLEAR -----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL DIBZAH	318	MG/KG	L	0.19
GRAB	1	CHEM CHAR	.	.	INDENO123	318	MG/KG	L	0.19
GRAB	1	CHEM CHAR	.	.	TOTAL PYRENE	318	MG/KG	L	0.19
GRAB	1	CHEM CHAR	.	.	TOTAL ACENAPHTHYLE	318	MG/KG	L	0.19
GRAB	1	CHEM CHAR	.	.	LINURON	318	MG/KG	L	0.47
GRAB	1	CHEM CHAR	.	.	TOTAL BUTBEP	318	MG/KG	L	0.47
GRAB	1	CHEM CHAR	.	.	TOTAL FLUORANTHENE	318	MG/KG	L	0.19
GRAB	1	CHEM CHAR	.	.	TOTAL NAPTHALENE	318	MG/KG		0.20
GRAB	1	CHEM CHAR	.	.	BIS2ETHHEX PHTAL	318	MG/KG		0.58
GRAB	1	CHEM CHAR	.	.	TRIFLURALINE	318	MG/KG	L	0.47
GRAB	1	CHEM CHAR	.	.	BENZO(B)FLURANTHENE	318	MG/KG	L	0.19
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		109.30
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		82.70
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		4.96
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2709.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		297.90
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		39.90
GRAB	2	CHEM CHAR	.	.	TOT. ACENPHT	318	MG/KG	L	0.19
GRAB	2	CHEM CHAR	.	.	TOTAL PYRENE	318	MG/KG	L	0.19

--- STATION=XIG3506 DATE=92-11-04 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3913310 LONG=7620350 TIDE= WEATHER=PARTLY CLOUDY ---

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		102.70
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		80.90
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		4.72
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2607.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		340.00
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		49.20

----- STATION=XIG3506 DATE=93-05-10 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3913310 LONG=7620350 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		102.20
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		83.30
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		4.77
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		3370.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		322.50
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		46.10

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

79

--- STATION=XIG4408 DATE=92-11-04 TIME=0 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3914232 LONG=7620483 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE		METHOD	UNITS	REMARK	VALUE
				RANGE CM.	VARIABLE				
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		116.10
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		129.40
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.37
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		4618.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		575.30
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		67.40
GRAB	2	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		117.70
GRAB	2	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		129.80
GRAB	2	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.45
GRAB	2	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		4740.00
GRAB	2	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		575.60
GRAB	2	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		67.60
GRAB	3	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		119.10
GRAB	3	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		133.50
GRAB	3	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.45
GRAB	3	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		4853.00
GRAB	3	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		592.10
GRAB	3	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		67.90

----- STATION=XIG4408 DATE=93-05-10 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914232 LONG=7620483 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE		METHOD	UNITS	REMARK	VALUE
				RANGE CM.	VARIABLE				
CORE	1	CHEM CHAR	0	2	TOTAL CHROMIUM	310	UG/GM-DW		115.70
CORE	1	CHEM CHAR	0	2	TOTAL NICKEL	314	UG/GM-DW		124.90
CORE	1	CHEM CHAR	0	2	TOTAL IRON	312	%-BYWT		5.31
CORE	1	CHEM CHAR	0	2	TOTAL MANGANESE	313	UG/GM-DW		3889.00
CORE	1	CHEM CHAR	0	2	TOTAL ZINC	315	UG/GM-DW		489.30
CORE	1	CHEM CHAR	0	2	TOTAL COPPER	311	UG/GM-DW		65.60
CORE	1	CHEM CHAR	2	5	TOTAL CHROMIUM	310	UG/GM-DW		118.10
CORE	1	CHEM CHAR	2	5	TOTAL NICKEL	314	UG/GM-DW		157.70
CORE	1	CHEM CHAR	2	5	TOTAL IRON	312	%-BYWT		5.60
CORE	1	CHEM CHAR	2	5	TOTAL MANGANESE	313	UG/GM-DW		5379.00
CORE	1	CHEM CHAR	2	5	TOTAL ZINC	315	UG/GM-DW		613.80
CORE	1	CHEM CHAR	2	5	TOTAL COPPER	311	UG/GM-DW		70.80
CORE	1	CHEM CHAR	5	8	TOTAL CHROMIUM	310	UG/GM-DW		115.30
CORE	1	CHEM CHAR	5	8	TOTAL NICKEL	314	UG/GM-DW		176.10
CORE	1	CHEM CHAR	5	8	TOTAL IRON	312	%-BYWT		5.44
CORE	1	CHEM CHAR	5	8	TOTAL MANGANESE	313	UG/GM-DW		3306.00
CORE	1	CHEM CHAR	5	8	TOTAL ZINC	315	UG/GM-DW		717.30
CORE	1	CHEM CHAR	5	8	TOTAL COPPER	311	UG/GM-DW		82.50
CORE	1	CHEM CHAR	8	10	TOTAL CHROMIUM	310	UG/GM-DW		114.20
CORE	1	CHEM CHAR	8	10	TOTAL NICKEL	314	UG/GM-DW		164.90
CORE	1	CHEM CHAR	8	10	TOTAL IRON	312	%-BYWT		5.36
CORE	1	CHEM CHAR	8	10	TOTAL MANGANESE	313	UG/GM-DW		3020.00
CORE	1	CHEM CHAR	8	10	TOTAL ZINC	315	UG/GM-DW		653.60
CORE	1	CHEM CHAR	8	10	TOTAL COPPER	311	UG/GM-DW		86.50

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

80

----- STATION=XIG4408 DATE=93-05-10 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914232 LONG=7620483 TIDE= WEATHER=CLEAR -----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE		METHOD	UNITS	REMARK	VALUE
				CM.	VARIABLE				
CORE	1	CHEM CHAR	20	24	TOTAL CHROMIUM	310	UG/GM-DW		98.90
CORE	1	CHEM CHAR	20	24	TOTAL NICKEL	314	UG/GM-DW		108.00
CORE	1	CHEM CHAR	20	24	TOTAL IRON	312	%-BYWT		5.05
CORE	1	CHEM CHAR	20	24	TOTAL MANGANESE	313	UG/GM-DW		2300.00
CORE	1	CHEM CHAR	20	24	TOTAL ZINC	315	UG/GM-DW		350.00
CORE	1	CHEM CHAR	20	24	TOTAL COPPER	311	UG/GM-DW		71.00
CORE	1	CHEM CHAR	40	44	TOTAL CHROMIUM	310	UG/GM-DW		93.20
CORE	1	CHEM CHAR	40	44	TOTAL NICKEL	314	UG/GM-DW		70.40
CORE	1	CHEM CHAR	40	44	TOTAL IRON	312	%-BYWT		4.93
CORE	1	CHEM CHAR	40	44	TOTAL MANGANESE	313	UG/GM-DW		2475.00
CORE	1	CHEM CHAR	40	44	TOTAL ZINC	315	UG/GM-DW		197.70
CORE	1	CHEM CHAR	40	44	TOTAL COPPER	311	UG/GM-DW		44.20

----- STATION=XIG4408 DATE=93-05-10 TIME=0 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3914232 LONG=7620483 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE		METHOD	UNITS	REMARK	VALUE
				CM.	VARIABLE				
GRAB	1	CHEM CHAR	.	.	TOTAL DDT	319	MG/KG	L	0.0075
GRAB	1	CHEM CHAR	.	.	TOTAL MALATHION	318	MG/KG	L	0.4600
GRAB	1	CHEM CHAR	.	.	DDD	319	MG/KG	L	0.0075
GRAB	1	CHEM CHAR	.	.	DDE	319	MG/KG	L	0.0075
GRAB	1	CHEM CHAR	.	.	TOTAL CHLORDANE	319	MG/KG	L	0.1900
GRAB	1	CHEM CHAR	.	.	TOTAL ENDRIN	319	MG/KG	L	0.0075
GRAB	1	CHEM CHAR	.	.	TOTAL HEPTOCHLOR	319	MG/KG	L	0.0075
GRAB	1	CHEM CHAR	.	.	THPTCLEP	319	MG/KG	L	0.0075
GRAB	1	CHEM CHAR	.	.	ALDRIN	319	MG/KG	L	0.0075
GRAB	1	CHEM CHAR	.	.	TOTAL DIELDREN	319	MG/KG	L	0.0075
GRAB	1	CHEM CHAR	.	.	TOTAL ALPHA-BHC	319	MG/KG	L	0.0075
GRAB	1	CHEM CHAR	.	.	TOTAL ATRAZIN	318	MG/KG	L	0.4600
GRAB	1	CHEM CHAR	.	.	TOTAL DIAZINON	318	MG/KG	L	0.4600
GRAB	1	CHEM CHAR	.	.	TOTAL METHYL PARA	318	MG/KG	L	0.4600
GRAB	1	CHEM CHAR	.	.	TOTAL ETHYLPAR	318	MG/KG	L	0.4600
GRAB	1	CHEM CHAR	.	.	TOT. DIOCTYL	318	MG/KG	L	0.4600
GRAB	1	CHEM CHAR	.	.	TOT. DIETPTH	318	MG/KG	L	0.4600
GRAB	1	CHEM CHAR	.	.	TOT. DIMEPTH	318	MG/KG	L	0.4600
GRAB	1	CHEM CHAR	.	.	TOT. BENZANT	318	MG/KG	L	0.1800
GRAB	1	CHEM CHAR	.	.	TOT. BENZPYR	318	MG/KG	L	0.1800
GRAB	1	CHEM CHAR	.	.	TOT. BENZFLR	318	MG/KG	L	0.1800
GRAB	1	CHEM CHAR	.	.	TOT. CHRYSEN	318	MG/KG		0.1900
GRAB	1	CHEM CHAR	.	.	TOT. ACENPTH	318	MG/KG		15.0000
GRAB	1	CHEM CHAR	.	.	TOTAL BETA-BHC	319	MG/KG	L	0.0075
GRAB	1	CHEM CHAR	.	.	TOTAL TOXAPHENE	319	MG/KG	L	0.1900
GRAB	1	CHEM CHAR	.	.	G-BHC	319	MG/KG	L	0.0075
GRAB	1	CHEM CHAR	.	.	PCB-1016	319	MG/KG	L	0.1900
GRAB	1	CHEM CHAR	.	.	PCB-1221	319	MG/KG	L	0.1900
GRAB	1	CHEM CHAR	.	.	PCB-1232	319	MG/KG	L	0.1900

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

81

----- STATION=XIG4408 DATE=93-05-10 TIME=0 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3914232 LONG=7620483 TIDE= WEATHER=CLEAR -----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	PCB-1242	319	MG/KG	L	0.190
GRAB	1	CHEM CHAR	.	.	PCB-1248	319	MG/KG	L	0.190
GRAB	1	CHEM CHAR	.	.	PCB-1254	319	MG/KG	L	0.190
GRAB	1	CHEM CHAR	.	.	PCB-1260	319	MG/KG	L	0.190
GRAB	1	CHEM CHAR	.	.	TOT. ANTHRAC	318	MG/KG	L	0.180
GRAB	1	CHEM CHAR	.	.	FLUORENE	318	MG/KG	L	0.180
GRAB	1	CHEM CHAR	.	.	PHENANTHENE	318	MG/KG		0.430
GRAB	1	CHEM CHAR	.	.	TOTAL DIBZABA	318	MG/KG	L	0.180
GRAB	1	CHEM CHAR	.	.	INDENO123	318	MG/KG	L	0.180
GRAB	1	CHEM CHAR	.	.	TOTAL PYRENE	318	MG/KG		0.340
GRAB	1	CHEM CHAR	.	.	TOTAL ACENAPHTHYLE	318	MG/KG	L	0.180
GRAB	1	CHEM CHAR	.	.	LINURON	318	MG/KG	L	0.460
GRAB	1	CHEM CHAR	.	.	TOTAL BUTBEP	318	MG/KG	L	0.460
GRAB	1	CHEM CHAR	.	.	TOTAL FLUORANTHENE	318	MG/KG		0.320
GRAB	1	CHEM CHAR	.	.	TOTAL NAPTHALENE	318	MG/KG		0.270
GRAB	1	CHEM CHAR	.	.	BIS2ETHHEX PHTAL	318	MG/KG		0.640
GRAB	1	CHEM CHAR	.	.	TRIFLURALINE	318	MG/KG	L	0.460
GRAB	1	CHEM CHAR	.	.	BENZO(B)FLUORANTHENE	318	MG/KG	L	0.180
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		121.700
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		156.000
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		5.060
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		31.590
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		640.000
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		73.600
GRAB	2	CHEM CHAR	.	.	TOTAL DDT	319	MG/KG	L	0.014
GRAB	2	CHEM CHAR	.	.	DDD	319	MG/KG	L	0.014
GRAB	2	CHEM CHAR	.	.	DDE	319	MG/KG	L	0.014
GRAB	2	CHEM CHAR	.	.	TOTAL CHLORDANE	319	MG/KG	L	0.350
GRAB	2	CHEM CHAR	.	.	TOTAL ENDRIN	319	MG/KG	L	0.014
GRAB	2	CHEM CHAR	.	.	TOTAL HEPTOCHLOR	319	MG/KG	L	0.014
GRAB	2	CHEM CHAR	.	.	THPTCLEP	319	MG/KG	L	0.014
GRAB	2	CHEM CHAR	.	.	ALDRIN	319	MG/KG	L	0.014
GRAB	2	CHEM CHAR	.	.	TOTAL DIELDREN	319	MG/KG	L	0.014
GRAB	2	CHEM CHAR	.	.	TOTAL MALATHION	318	MG/KG	L	0.620
GRAB	2	CHEM CHAR	.	.	TOTAL ATRAZIN	318	MG/KG	L	0.620
GRAB	2	CHEM CHAR	.	.	TOTAL DIAZINON	318	MG/KG	L	0.620
GRAB	2	CHEM CHAR	.	.	TOTAL METHYL PARA	318	MG/KG	L	0.620
GRAB	2	CHEM CHAR	.	.	TOTAL ETHYLPAR	318	MG/KG	L	0.620
GRAB	2	CHEM CHAR	.	.	TOT. DIOCYL	318	MG/KG	L	0.620
GRAB	2	CHEM CHAR	.	.	TOT. DIETPTH	318	MG/KG	L	0.620
GRAB	2	CHEM CHAR	.	.	TOT. DIMEPTH	318	MG/KG	L	0.620
GRAB	2	CHEM CHAR	.	.	TOT. BENZANT	318	MG/KG	L	0.250
GRAB	2	CHEM CHAR	.	.	TOT. BENZPYR	318	MG/KG	L	0.250
GRAB	2	CHEM CHAR	.	.	TOT. BENZFLR	318	MG/KG	L	0.250
GRAB	2	CHEM CHAR	.	.	TOT. CHRYSEN	318	MG/KG	L	0.250
GRAB	2	CHEM CHAR	.	.	TOT. ACENPHT	318	MG/KG	L	0.180
GRAB	2	CHEM CHAR	.	.	TOTAL ALPHA-BHC	319	MG/KG	L	0.014
GRAB	2	CHEM CHAR	.	.	TOTAL BETA-BHC	319	MG/KG	L	0.014
GRAB	2	CHEM CHAR	.	.	TOTAL TOXAPHENE	319	MG/KG	L	0.350

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

82

----- STATION=XIG4408 DATE=93-05-10 TIME=0 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3914232 LONG=7620483 TIDE= WEATHER=CLEAR -----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	2	CHEM CHAR	.	.	G-BHC	319	MG/KG	L	0.01
GRAB	2	CHEM CHAR	.	.	PCB-1016	319	MG/KG	L	0.35
GRAB	2	CHEM CHAR	.	.	PCB-1221	319	MG/KG	L	0.35
GRAB	2	CHEM CHAR	.	.	PCB-1232	319	MG/KG	L	0.35
GRAB	2	CHEM CHAR	.	.	PCB-1242	319	MG/KG	L	0.35
GRAB	2	CHEM CHAR	.	.	PCB-1248	319	MG/KG	L	0.35
GRAB	2	CHEM CHAR	.	.	PCB-1254	319	MG/KG	L	0.35
GRAB	2	CHEM CHAR	.	.	PCB-1260	319	MG/KG	L	0.35
GRAB	2	CHEM CHAR	.	.	TOT. ANTHRAC	318	MG/KG	L	0.25
GRAB	2	CHEM CHAR	.	.	FLUORENE	318	MG/KG	L	0.25
GRAB	2	CHEM CHAR	.	.	PHENANTHENE	318	MG/KG	L	0.25
GRAB	2	CHEM CHAR	.	.	TOTAL DIBZABA	318	MG/KG	L	0.25
GRAB	2	CHEM CHAR	.	.	INDENO123	318	MG/KG	L	0.25
GRAB	2	CHEM CHAR	.	.	TOTAL PYRENE	318	MG/KG	L	0.18
GRAB	2	CHEM CHAR	.	.	TOTAL ACENAPHTHYLE	318	MG/KG	L	0.25
GRAB	2	CHEM CHAR	.	.	LINURON	318	MG/KG	L	0.62
GRAB	2	CHEM CHAR	.	.	TOTAL BUTBEP	318	MG/KG	L	0.62
GRAB	2	CHEM CHAR	.	.	TOTAL FLUORANTHENE	318	MG/KG	L	0.25
GRAB	2	CHEM CHAR	.	.	TOTAL NAPTHALENE	318	MG/KG	L	0.45
GRAB	2	CHEM CHAR	.	.	BIS2ETHHEX PHTAL	318	MG/KG	L	0.62
GRAB	2	CHEM CHAR	.	.	TRIFLURALINE	318	MG/KG	L	0.62
GRAB	2	CHEM CHAR	.	.	BENZO(B)FLURANTHENE	318	MG/KG	L	0.25
GRAB	2	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		123.00
GRAB	2	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		160.30
GRAB	2	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.10
GRAB	2	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2702.00
GRAB	2	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		649.00
GRAB	2	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		75.20
GRAB	3	CHEM CHAR	.	.	TOT. ACENPHT	318	MG/KG	L	0.25
GRAB	3	CHEM CHAR	.	.	TOTAL PYRENE	318	MG/KG	L	0.25
GRAB	3	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		126.40
GRAB	3	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		168.30
GRAB	3	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.18
GRAB	3	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		4602.00
GRAB	3	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		671.60
GRAB	3	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		82.90
GRAB	4	CHEM CHAR	.	.	TOT. ACENPHT	318	MG/KG	L	0.62
GRAB	4	CHEM CHAR	.	.	TOTAL PYRENE	318	MG/KG	L	0.25

--- STATION=XIG4501 DATE=92-11-04 TIME=0 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3914270 LONG=7620050 TIDE= WEATHER=PARTLY CLOUDY ---

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		112.90
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		93.40
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.04

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA  
ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
RESOURCE MONITORING DATABASE

83

--- STATION=XIG4501 DATE=92-11-04 TIME=0 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3914270 LONG=7620050 TIDE= WEATHER=PARTLY CLOUDY ----  
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		3807.0
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		412.4
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		59.7

----- STATION=XIG4501 DATE=93-05-10 TIME=0 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3914270 LONG=7620050 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		114.00
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		96.00
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		5.57
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2830.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		392.00
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		56.40

--- STATION=XIG4609 DATE=92-11-04 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914345 LONG=7620560 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		126.50
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		82.70
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		5.26
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2380.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		369.20
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		55.10

----- STATION=XIG4609 DATE=93-05-10 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914345 LONG=7620560 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		122.90
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		114.00
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		5.56
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		3015.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		465.30
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		57.00

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

84

--- STATION=XIG4704 DATE=92-11-04 TIME=0 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3914395 LONG=7620215 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.					
					VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		124.90
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		98.40
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		5.41
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		3061.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		412.10
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		63.60

----- STATION=XIG4704 DATE=93-05-10 TIME=0 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3914395 LONG=7620215 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.					
					VARIABLE	METHOD	UNITS	REMARK	VALUE
CORE	1	CHEM CHAR	0	2	TOTAL CHROMIUM	310	UG/GM-DW		102.40
CORE	1	CHEM CHAR	0	2	TOTAL NICKEL	314	UG/GM-DW		139.30
CORE	1	CHEM CHAR	0	2	TOTAL IRON	312	X-BYWT		4.68
CORE	1	CHEM CHAR	0	2	TOTAL MANGANESE	313	UG/GM-DW		2589.00
CORE	1	CHEM CHAR	0	2	TOTAL ZINC	315	UG/GM-DW		529.50
CORE	1	CHEM CHAR	0	2	TOTAL COPPER	311	UG/GM-DW		63.80
CORE	1	CHEM CHAR	2	5	TOTAL CHROMIUM	310	UG/GM-DW		101.20
CORE	1	CHEM CHAR	2	5	TOTAL NICKEL	314	UG/GM-DW		138.80
CORE	1	CHEM CHAR	2	5	TOTAL IRON	312	X-BYWT		4.89
CORE	1	CHEM CHAR	2	5	TOTAL MANGANESE	313	UG/GM-DW		2637.00
CORE	1	CHEM CHAR	2	5	TOTAL ZINC	315	UG/GM-DW		534.20
CORE	1	CHEM CHAR	2	5	TOTAL COPPER	311	UG/GM-DW		77.00
CORE	1	CHEM CHAR	5	8	TOTAL CHROMIUM	310	UG/GM-DW		89.10
CORE	1	CHEM CHAR	5	8	TOTAL NICKEL	314	UG/GM-DW		88.30
CORE	1	CHEM CHAR	5	8	TOTAL IRON	312	X-BYWT		4.75
CORE	1	CHEM CHAR	5	8	TOTAL MANGANESE	313	UG/GM-DW		1762.00
CORE	1	CHEM CHAR	5	8	TOTAL ZINC	315	UG/GM-DW		309.20
CORE	1	CHEM CHAR	5	8	TOTAL COPPER	311	UG/GM-DW		77.00
CORE	1	CHEM CHAR	8	10	TOTAL CHROMIUM	310	UG/GM-DW		90.30
CORE	1	CHEM CHAR	8	10	TOTAL NICKEL	314	UG/GM-DW		85.80
CORE	1	CHEM CHAR	8	10	TOTAL IRON	312	X-BYWT		4.96
CORE	1	CHEM CHAR	8	10	TOTAL MANGANESE	313	UG/GM-DW		2192.00
CORE	1	CHEM CHAR	8	10	TOTAL ZINC	315	UG/GM-DW		282.90
CORE	1	CHEM CHAR	8	10	TOTAL COPPER	311	UG/GM-DW		58.50
CORE	1	CHEM CHAR	20	24	TOTAL CHROMIUM	310	UG/GM-DW		94.00
CORE	1	CHEM CHAR	20	24	TOTAL NICKEL	314	UG/GM-DW		63.40
CORE	1	CHEM CHAR	20	24	TOTAL IRON	312	X-BYWT		5.22
CORE	1	CHEM CHAR	20	24	TOTAL MANGANESE	313	UG/GM-DW		2531.00
CORE	1	CHEM CHAR	20	24	TOTAL ZINC	315	UG/GM-DW		167.20
CORE	1	CHEM CHAR	20	24	TOTAL COPPER	311	UG/GM-DW		36.20
CORE	1	CHEM CHAR	46	50	TOTAL CHROMIUM	310	UG/GM-DW		93.40
CORE	1	CHEM CHAR	46	50	TOTAL NICKEL	314	UG/GM-DW		45.20
CORE	1	CHEM CHAR	46	50	TOTAL IRON	312	X-BYWT		4.97
CORE	1	CHEM CHAR	46	50	TOTAL MANGANESE	313	UG/GM-DW		1533.00
CORE	1	CHEM CHAR	46	50	TOTAL ZINC	315	UG/GM-DW		112.40
CORE	1	CHEM CHAR	46	50	TOTAL COPPER	311	UG/GM-DW		24.00

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

85

----- STATION=XIG4704 DATE=93-05-10 TIME=0 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3914395 LONG=7620215 TIDE= WEATHER=CLEAR -----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE		METHOD	UNITS	REMARK	VALUE
				CM.	VARIABLE				
CORE	1	CHEM CHAR	60	64	TOTAL CHROMIUM	310	UG/GM-DW		93.80
CORE	1	CHEM CHAR	60	64	TOTAL NICKEL	314	UG/GM-DW		45.70
CORE	1	CHEM CHAR	60	64	TOTAL IRON	312	X-BYWT		4.92
CORE	1	CHEM CHAR	60	64	TOTAL MANGANESE	313	UG/GM-DW		1301.00
CORE	1	CHEM CHAR	60	64	TOTAL ZINC	315	UG/GM-DW		114.40
CORE	1	CHEM CHAR	60	64	TOTAL COPPER	311	UG/GM-DW		19.50

----- STATION=XIG4704 DATE=93-05-10 TIME=0 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3914395 LONG=7620215 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE		METHOD	UNITS	REMARK	VALUE
				CM.	VARIABLE				
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		110.40
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		145.70
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		5.29
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2124.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		595.40
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		70.60

--- STATION=XIG4806 DATE=92-11-04 TIME=0 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3914461 LONG=7620339 TIDE= WEATHER=PARTLY CLOUDY ---

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE		METHOD	UNITS	REMARK	VALUE
				CM.	VARIABLE				
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		113.0
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		94.8
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		5.1
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		4132.0
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		457.5
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		59.4

----- STATION=XIG4806 DATE=93-05-10 TIME=0 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3914461 LONG=7620339 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE		METHOD	UNITS	REMARK	VALUE
				CM.	VARIABLE				
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		113.50
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		161.80
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		5.68
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		3540.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		662.10
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		70.70

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

86

--- STATION=XIG4900 DATE=92-11-04 TIME=0 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3914538 LONG=7620577 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE		METHOD	UNITS	REMARK	VALUE
				RANGE CM.	VARIABLE				
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		40.90
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		20.40
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		1.46
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		452.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		84.60
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		16.70

----- STATION=XIG4900 DATE=93-05-10 TIME=0 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3914538 LONG=7620577 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE		METHOD	UNITS	REMARK	VALUE
				RANGE CM.	VARIABLE				
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		31.40
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		17.70
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		1.33
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		431.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		71.00
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		14.10

--- STATION=XIG4999 DATE=92-11-04 TIME=0 DEPTH=20 COUNTY=BA BASIN=2139997 LAT=3914550 LONG=7619510 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE		METHOD	UNITS	REMARK	VALUE
				RANGE CM.	VARIABLE				
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		108.60
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		83.00
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		4.97
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2771.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		370.10
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		57.80

----- STATION=XIG4999 DATE=93-05-10 TIME=0 DEPTH=20 COUNTY=BA BASIN=2139997 LAT=3914550 LONG=7619510 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE		METHOD	UNITS	REMARK	VALUE
				RANGE CM.	VARIABLE				
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		112.50
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		93.20
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		5.55
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2350.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		365.10
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		51.90

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

87

---- STATION=XIG5008 DATE=92-11-04 TIME=0 DEPTH=7 COUNTY=BA BASIN=2139997 LAT=3915586 LONG=7620491 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE		METHOD	UNITS	REMARK	VALUE
				RANGE CM.	VARIABLE				
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		5.10
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		10.40
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		0.22
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		997.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		21.20
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		3.50

----- STATION=XIG5008 DATE=93-05-10 TIME=0 DEPTH=7 COUNTY=BA BASIN=2139997 LAT=3915586 LONG=7620491 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE		METHOD	UNITS	REMARK	VALUE
				RANGE CM.	VARIABLE				
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		3.10
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		10.90
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		0.21
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		979.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		16.20
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		1.10

--- STATION=XIG5103 DATE=92-11-04 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3915076 LONG=7620193 TIDE= WEATHER=PARTLY CLOUDY ---

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE		METHOD	UNITS	REMARK	VALUE
				RANGE CM.	VARIABLE				
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		18.10
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		12.50
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		0.69
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1047.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		57.10
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		7.50

--- STATION=XIG5103 DATE=92-11-04 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3915041 LONG=7620193 TIDE= WEATHER=PARTLY CLOUDY ---

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE		METHOD	UNITS	REMARK	VALUE
				RANGE CM.	VARIABLE				
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		24.10
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		13.70
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		1.06
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		648.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		83.10
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		11.50
GRAB	2	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		31.70
GRAB	2	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		24.90

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

88

--- STATION=XIG5103 DATE=92-11-04 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3915041 LONG=7620193 TIDE= WEATHER=PARTLY CLOUDY ----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	2	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		1.43
GRAB	2	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		956.00
GRAB	2	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		108.80
GRAB	2	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		14.20
GRAB	3	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		58.00
GRAB	3	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		36.40
GRAB	3	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		2.52
GRAB	3	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1711.00
GRAB	3	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		162.90
GRAB	3	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		22.90

----- STATION=XIG5103 DATE=93-05-10 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3915076 LONG=7620193 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		34.50
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		26.70
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		1.59
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2223.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		97.80
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		12.80

----- STATION=XIG5103 DATE=93-05-10 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3915041 LONG=7620193 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		39.90
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		31.40
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		1.84
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1373.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		126.10
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		15.30
GRAB	2	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		52.70
GRAB	2	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		35.60
GRAB	2	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		2.36
GRAB	2	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1863.00
GRAB	2	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		149.90
GRAB	2	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		23.70
GRAB	3	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		94.80
GRAB	3	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		77.90
GRAB	3	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		4.02
GRAB	3	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2739.00
GRAB	3	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		282.60

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

89

----- STATION=XIG5103 DATE=93-05-10 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3915041 LONG=7620193 TIDE= WEATHER=CLEAR -----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
GRAB	3	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		45.4

--- STATION=XIG5295 DATE=92-11-04 TIME=0 DEPTH=19 COUNTY=BA BASIN=2139997 LAT=3915090 LONG=7619320 TIDE= WEATHER=PARTLY CLOUDY ---

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		112.50
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		83.00
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		4.97
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2710.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		357.00
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		54.60

----- STATION=XIG5295 DATE=93-05-10 TIME=0 DEPTH=19 COUNTY=BA BASIN=2139997 LAT=3915090 LONG=7619320 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		112.40
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		90.90
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.42
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		3650.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		377.00
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		60.40

--- STATION=XIG5402 DATE=92-11-04 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3915253 LONG=7620087 TIDE= WEATHER=PARTLY CLOUDY ---

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		7.70
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		7.20
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		0.34
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		609.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		28.40
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		4.20
GRAB	2	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		12.80
GRAB	2	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		12.40
GRAB	2	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		0.52
GRAB	2	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		793.00
GRAB	2	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		42.00
GRAB	2	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		5.70

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

90

--- STATION=XIG5402 DATE=92-11-04 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3915253 LONG=7620087 TIDE= WEATHER=PARTLY CLOUDY ----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.					
					VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	3	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		16.00
GRAB	3	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		12.50
GRAB	3	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		0.61
GRAB	3	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		953.00
GRAB	3	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		49.50
GRAB	3	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		6.70

----- STATION=XIG5402 DATE=93-05-10 TIME=0 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3915253 LONG=7620087 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.					
					VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		1.07
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		3.29
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		1.85
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		402.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		14.20
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		3.18
GRAB	2	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		4.02
GRAB	2	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		8.39
GRAB	2	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		2.66
GRAB	2	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		567.00
GRAB	2	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		18.80
GRAB	2	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		3.57
GRAB	3	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		6.26
GRAB	3	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		10.60
GRAB	3	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		3.61
GRAB	3	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		764.00
GRAB	3	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		25.40
GRAB	3	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		3.93

--- STATION=XIG5406 DATE=92-11-04 TIME=0 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3915241 LONG=7620329 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.					
					VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		9.00
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		9.90
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		0.36
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		745.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		28.10
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		4.30

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

91

----- STATION=XIG5406 DATE=93-05-10 TIME=0 DEPTH=11 COUNTY=BA BASIN=2139997 LAT=3915241 LONG=7620329 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
GRAB	1	CHEM CHAR	.	TOTAL CHROMIUM	304	UG/GM-DW			4.70
GRAB	1	CHEM CHAR	.	TOTAL NICKEL	308	UG/GM-DW			11.10
GRAB	1	CHEM CHAR	.	TOTAL IRON	306	%-BYWT			0.28
GRAB	1	CHEM CHAR	.	TOTAL MANGANESE	307	UG/GM-DW			883.00
GRAB	1	CHEM CHAR	.	TOTAL ZINC	309	UG/GM-DW			21.50
GRAB	1	CHEM CHAR	.	TOTAL COPPER	305	UG/GM-DW			3.20

--- STATION=XIG5699 DATE=92-11-04 TIME=0 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3915330 LONG=7619530 TIDE= WEATHER=PARTLY CLOUDY ---

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
GRAB	1	CHEM CHAR	.	TOTAL CHROMIUM	304	UG/GM-DW			48.10
GRAB	1	CHEM CHAR	.	TOTAL NICKEL	308	UG/GM-DW			48.90
GRAB	1	CHEM CHAR	.	TOTAL IRON	306	%-BYWT			2.06
GRAB	1	CHEM CHAR	.	TOTAL MANGANESE	307	UG/GM-DW			987.00
GRAB	1	CHEM CHAR	.	TOTAL ZINC	309	UG/GM-DW			219.10
GRAB	1	CHEM CHAR	.	TOTAL COPPER	305	UG/GM-DW			24.00
GRAB	2	CHEM CHAR	.	TOTAL CHROMIUM	304	UG/GM-DW			52.20
GRAB	2	CHEM CHAR	.	TOTAL NICKEL	308	UG/GM-DW			53.40
GRAB	2	CHEM CHAR	.	TOTAL IRON	306	%-BYWT			2.17
GRAB	2	CHEM CHAR	.	TOTAL MANGANESE	307	UG/GM-DW			996.00
GRAB	2	CHEM CHAR	.	TOTAL ZINC	309	UG/GM-DW			239.80
GRAB	2	CHEM CHAR	.	TOTAL COPPER	305	UG/GM-DW			26.00
GRAB	3	CHEM CHAR	.	TOTAL CHROMIUM	304	UG/GM-DW			55.90
GRAB	3	CHEM CHAR	.	TOTAL NICKEL	308	UG/GM-DW			58.10
GRAB	3	CHEM CHAR	.	TOTAL IRON	306	%-BYWT			2.47
GRAB	3	CHEM CHAR	.	TOTAL MANGANESE	307	UG/GM-DW			1560.00
GRAB	3	CHEM CHAR	.	TOTAL ZINC	309	UG/GM-DW			251.70
GRAB	3	CHEM CHAR	.	TOTAL COPPER	305	UG/GM-DW			26.40

----- STATION=XIG5699 DATE=93-05-10 TIME=0 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3915330 LONG=7619530 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
GRAB	1	CHEM CHAR	.	TOTAL DDT	319	MG/KG	L		0.0047
GRAB	1	CHEM CHAR	.	DDD	319	MG/KG	L		0.0047
GRAB	1	CHEM CHAR	.	DDE	319	MG/KG	L		0.0047
GRAB	1	CHEM CHAR	.	TOTAL CHLORDANE	319	MG/KG	L		0.1200
GRAB	1	CHEM CHAR	.	TOTAL ENDRIN	319	MG/KG	L		0.0047
GRAB	1	CHEM CHAR	.	TOTAL HEPTOCHLOR	319	MG/KG	L		0.0047
GRAB	1	CHEM CHAR	.	TPHTCLED	319	MG/KG	L		0.0047
GRAB	1	CHEM CHAR	.	ALDRIN	319	MG/KG	L		0.0047
GRAB	1	CHEM CHAR	.	TOTAL DIELDRREN	319	MG/KG	L		0.0047
GRAB	1	CHEM CHAR	.	TOTAL MALATHION	318	MG/KG	L		0.3900

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

92

----- STATION=XIG5699 DATE=93-05-10 TIME=0 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3915330 LONG=7619530 TIDE= WEATHER=CLEAR -----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL ATRAZIN	318	MG/KG	L	0.39
GRAB	1	CHEM CHAR	.	.	TOTAL DIAZINON	318	MG/KG	L	0.39
GRAB	1	CHEM CHAR	.	.	TOTAL METHYL PARA	318	MG/KG	L	0.39
GRAB	1	CHEM CHAR	.	.	TOTAL ETHYLPAR	318	MG/KG	L	0.39
GRAB	1	CHEM CHAR	.	.	TOT. DIOCYL	318	MG/KG	L	0.39
GRAB	1	CHEM CHAR	.	.	TOT. DIETPTH	318	MG/KG	L	0.39
GRAB	1	CHEM CHAR	.	.	TOT. DIMEPTH	318	MG/KG	L	0.39
GRAB	1	CHEM CHAR	.	.	TOT. BENZANT	318	MG/KG	L	0.16
GRAB	1	CHEM CHAR	.	.	TOT. BENZPYR	318	MG/KG	L	0.16
GRAB	1	CHEM CHAR	.	.	TOT. BENZFLR	318	MG/KG	L	0.16
GRAB	1	CHEM CHAR	.	.	TOT. CHRYSEN	318	MG/KG	L	0.16
GRAB	1	CHEM CHAR	.	.	TOT. ACENPHTH	318	MG/KG	L	0.16
GRAB	1	CHEM CHAR	.	.	TOTAL ALPHA-BHC	319	MG/KG	L	0.00
GRAB	1	CHEM CHAR	.	.	TOTAL BETA-BHC	319	MG/KG	L	0.00
GRAB	1	CHEM CHAR	.	.	TOTAL TOXAPHENE	319	MG/KG	L	0.12
GRAB	1	CHEM CHAR	.	.	G-BHC	319	MG/KG	L	0.00
GRAB	1	CHEM CHAR	.	.	PCB-1016	319	MG/KG	L	0.12
GRAB	1	CHEM CHAR	.	.	PCB-1221	319	MG/KG	L	0.12
GRAB	1	CHEM CHAR	.	.	PCB-1232	319	MG/KG	L	0.12
GRAB	1	CHEM CHAR	.	.	PCB-1242	319	MG/KG	L	0.12
GRAB	1	CHEM CHAR	.	.	PCB-1248	319	MG/KG	L	0.12
GRAB	1	CHEM CHAR	.	.	PCB-1254	319	MG/KG	L	0.12
GRAB	1	CHEM CHAR	.	.	PCB-1260	319	MG/KG	L	0.12
GRAB	1	CHEM CHAR	.	.	TOT. ANTHRAC	318	MG/KG	L	0.16
GRAB	1	CHEM CHAR	.	.	FLUORENE	318	MG/KG	L	0.16
GRAB	1	CHEM CHAR	.	.	PHENANTHENE	318	MG/KG	L	0.16
GRAB	1	CHEM CHAR	.	.	TOTAL DIBZABA	318	MG/KG	L	0.16
GRAB	1	CHEM CHAR	.	.	INDENO123	318	MG/KG	L	0.16
GRAB	1	CHEM CHAR	.	.	TOTAL PYRENE	318	MG/KG	L	0.16
GRAB	1	CHEM CHAR	.	.	TOTAL ACENAPHTHYLE	318	MG/KG	L	0.16
GRAB	1	CHEM CHAR	.	.	LINURON	318	MG/KG	L	0.39
GRAB	1	CHEM CHAR	.	.	TOTAL BUTBEP	318	MG/KG	L	0.39
GRAB	1	CHEM CHAR	.	.	TOTAL FLUORANTHENE	318	MG/KG	L	0.16
GRAB	1	CHEM CHAR	.	.	TOTAL NAPTHALENE	318	MG/KG	L	0.16
GRAB	1	CHEM CHAR	.	.	BISZETHHEX PHTAL	318	MG/KG		35.00
GRAB	1	CHEM CHAR	.	.	TRIFLURALINE	318	MG/KG	L	0.39
GRAB	1	CHEM CHAR	.	.	BENZO(B)FLURANTHENE	318	MG/KG	L	0.16
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		53.00
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		48.40
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		2.24
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		9.67
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		179.30
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		26.40
GRAB	2	CHEM CHAR	.	.	TOT. ACENPHTH	318	MG/KG	L	0.39
GRAB	2	CHEM CHAR	.	.	TOTAL PYRENE	318	MG/KG	L	0.16
GRAB	2	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		54.60
GRAB	2	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		55.00
GRAB	2	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		2.26
GRAB	2	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1163.00

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

93

----- STATION=XIG5699 DATE=93-05-10 TIME=0 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3915330 LONG=7619530 TIDE= WEATHER=CLEAR -----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE	CM.				
GRAB	2	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		211.30
GRAB	2	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		26.50
GRAB	3	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		54.60
GRAB	3	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		62.50
GRAB	3	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		2.27
GRAB	3	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		1225.00
GRAB	3	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		237.70
GRAB	3	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		27.70

--- STATION=XIG5702 DATE=92-11-04 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3915400 LONG=7620140 TIDE= WEATHER=PARTLY CLOUDY ---

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE	CM.				
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		25.70
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		20.80
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		1.01
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		560.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		78.00
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		11.60

----- STATION=XIG5702 DATE=93-05-10 TIME=0 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3915400 LONG=7620140 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE	CM.				
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		24.5
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		20.5
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		1.1
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		459.0
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		75.6
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		10.6

----- STATION=XIG5703 DATE=93-05-10 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3915410 LONG=7620193 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE	CM.				
GRAB	1	CHEM CHAR	.	.	TOTAL DDT	319	MG/KG	L	0.012
GRAB	1	CHEM CHAR	.	.	DDD	319	MG/KG	L	0.012
GRAB	1	CHEM CHAR	.	.	DDE	319	MG/KG	L	0.012
GRAB	1	CHEM CHAR	.	.	TOTAL CHLORDANE	319	MG/KG	L	0.300
GRAB	1	CHEM CHAR	.	.	TOTAL ENDRIN	319	MG/KG	L	0.012

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

94

----- STATION=XIG5703 DATE=93-05-10 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3915410 LONG=7620193 TIDE= WEATHER=CLEAR -----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL HEPTOCHLOR	319	MG/KG	L	0.012
GRAB	1	CHEM CHAR	.	.	THPTCLEP	319	MG/KG	L	0.012
GRAB	1	CHEM CHAR	.	.	ALDRIN	319	MG/KG	L	0.012
GRAB	1	CHEM CHAR	.	.	TOTAL DIELDREN	319	MG/KG	L	0.012
GRAB	1	CHEM CHAR	.	.	TOTAL MALATHION	318	MG/KG	L	0.390
GRAB	1	CHEM CHAR	.	.	TOTAL ALPHA-BHC	319	MG/KG	L	0.012
GRAB	1	CHEM CHAR	.	.	TOTAL BETA-BHC	319	MG/KG	L	0.012
GRAB	1	CHEM CHAR	.	.	TOTAL TOXAPHENE	319	MG/KG	L	0.300
GRAB	1	CHEM CHAR	.	.	G-BHC	319	MG/KG	L	0.012
GRAB	1	CHEM CHAR	.	.	PCB-1016	319	MG/KG	L	0.300
GRAB	1	CHEM CHAR	.	.	PCB-1221	319	MG/KG	L	0.300
GRAB	1	CHEM CHAR	.	.	PCB-1232	319	MG/KG	L	0.300
GRAB	1	CHEM CHAR	.	.	PCB-1242	319	MG/KG	L	0.300
GRAB	1	CHEM CHAR	.	.	PCB-1248	319	MG/KG	L	0.300
GRAB	1	CHEM CHAR	.	.	PCB-1254	319	MG/KG	L	0.300
GRAB	1	CHEM CHAR	.	.	PCB-1260	319	MG/KG	L	0.300
GRAB	1	CHEM CHAR	.	.	TOTAL ATRAZIN	318	MG/KG	L	0.390
GRAB	1	CHEM CHAR	.	.	TOTAL DIAZINON	318	MG/KG	L	0.390
GRAB	1	CHEM CHAR	.	.	TOTAL METHYL PARA	318	MG/KG	L	0.390
GRAB	1	CHEM CHAR	.	.	TOTAL ETHYLPAR	318	MG/KG	L	0.390
GRAB	1	CHEM CHAR	.	.	TOT. DIOCYL	318	MG/KG	L	0.390
GRAB	1	CHEM CHAR	.	.	TOT. DIETPTH	318	MG/KG	L	0.390
GRAB	1	CHEM CHAR	.	.	TOT. DIMEPTH	318	MG/KG	L	0.390
GRAB	1	CHEM CHAR	.	.	TOT. BENZANT	318	MG/KG	L	0.160
GRAB	1	CHEM CHAR	.	.	TOT. BENZPYR	318	MG/KG	L	0.160
GRAB	1	CHEM CHAR	.	.	TOT. BENZFLR	318	MG/KG	L	0.160
GRAB	1	CHEM CHAR	.	.	TOT. CHRYSEN	318	MG/KG	L	0.160
GRAB	1	CHEM CHAR	.	.	TOT. ACENPTH	318	MG/KG	L	0.710
GRAB	1	CHEM CHAR	.	.	TOT. ANTHRAC	318	MG/KG	L	0.160
GRAB	1	CHEM CHAR	.	.	FLUORENE	318	MG/KG	L	0.160
GRAB	1	CHEM CHAR	.	.	PHENANTHENE	318	MG/KG	L	0.160
GRAB	1	CHEM CHAR	.	.	TOTAL DIBZANA	318	MG/KG	L	0.160
GRAB	1	CHEM CHAR	.	.	INDENO123	318	MG/KG	L	0.160
GRAB	1	CHEM CHAR	.	.	TOTAL PYRENE	318	MG/KG	L	0.160
GRAB	1	CHEM CHAR	.	.	TOTAL ACENAPHTHYLE	318	MG/KG	L	0.160
GRAB	1	CHEM CHAR	.	.	LINURON	318	MG/KG	L	0.390
GRAB	1	CHEM CHAR	.	.	TOTAL BUTBEP	318	MG/KG	L	0.390
GRAB	1	CHEM CHAR	.	.	TOTAL FLUORANTHENE	318	MG/KG	L	0.160
GRAB	1	CHEM CHAR	.	.	TOTAL NAPHTHALENE	318	MG/KG	L	0.160
GRAB	1	CHEM CHAR	.	.	BIS2ETHHEX PHTAL	318	MG/KG	L	0.425
GRAB	1	CHEM CHAR	.	.	TRIFLURALINE	318	MG/KG	L	0.390
GRAB	1	CHEM CHAR	.	.	BENZO(B)FLURANTHENE	318	MG/KG	L	0.160
GRAB	2	CHEM CHAR	.	.	TOTAL MALATHION	318	MG/KG	L	0.520
GRAB	2	CHEM CHAR	.	.	TOTAL ATRAZIN	318	MG/KG	L	0.520
GRAB	2	CHEM CHAR	.	.	TOTAL DIAZINON	318	MG/KG	L	0.520
GRAB	2	CHEM CHAR	.	.	TOTAL METHYL PARA	318	MG/KG	L	0.520
GRAB	2	CHEM CHAR	.	.	TOTAL ETHYLPAR	318	MG/KG	L	0.520
GRAB	2	CHEM CHAR	.	.	TOT. DIOCYL	318	MG/KG	L	0.510
GRAB	2	CHEM CHAR	.	.	TOT. DIETPTH	318	MG/KG	L	0.520

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

95

----- STATION=XIG5703 DATE=93-05-10 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3915410 LONG=7620193 TIDE= WEATHER=CLEAR -----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	2	CHEM CHAR	.	.	TOT. DIMEPTH	318	MG/KG	L	0.52
GRAB	2	CHEM CHAR	.	.	TOT. BENZANT	318	MG/KG	L	0.21
GRAB	2	CHEM CHAR	.	.	TOT. BENZPYR	318	MG/KG	L	0.21
GRAB	2	CHEM CHAR	.	.	TOT. BENZFLR	318	MG/KG	L	0.21
GRAB	2	CHEM CHAR	.	.	TOT. CHRYSN	318	MG/KG	L	0.21
GRAB	2	CHEM CHAR	.	.	TOT. ACENPTH	318	MG/KG	L	0.16
GRAB	2	CHEM CHAR	.	.	TOT. ANTHRAC	318	MG/KG	L	0.21
GRAB	2	CHEM CHAR	.	.	FLUORENE	318	MG/KG	L	0.21
GRAB	2	CHEM CHAR	.	.	PHENANTHENE	318	MG/KG	L	0.21
GRAB	2	CHEM CHAR	.	.	TOTAL DIBZABA	318	MG/KG	L	0.21
GRAB	2	CHEM CHAR	.	.	INDENO123	318	MG/KG	L	0.21
GRAB	2	CHEM CHAR	.	.	TOTAL PYRENE	318	MG/KG	L	0.16
GRAB	2	CHEM CHAR	.	.	TOTAL ACENAPHTHYLE	318	MG/KG	L	0.21
GRAB	2	CHEM CHAR	.	.	LINURON	318	MG/KG	L	0.52
GRAB	2	CHEM CHAR	.	.	TOTAL BUTBEP	318	MG/KG	L	0.52
GRAB	2	CHEM CHAR	.	.	TOTAL FLUORANTHENE	318	MG/KG	L	0.21
GRAB	2	CHEM CHAR	.	.	TOTAL NAPHTHALENE	318	MG/KG	L	0.21
GRAB	2	CHEM CHAR	.	.	BISZETHHEX PHTAL	318	MG/KG	L	0.51
GRAB	2	CHEM CHAR	.	.	TRIFLURALINE	318	MG/KG	L	0.52
GRAB	2	CHEM CHAR	.	.	BENZO(B)FLURANTHENE	318	MG/KG	L	0.21
GRAB	3	CHEM CHAR	.	.	TOT. ACENPTH	318	MG/KG	L	0.21
GRAB	3	CHEM CHAR	.	.	TOTAL PYRENE	318	MG/KG	L	0.21
GRAB	4	CHEM CHAR	.	.	TOT. ACENPTH	318	MG/KG	L	0.39
GRAB	4	CHEM CHAR	.	.	TOTAL PYRENE	318	MG/KG	L	0.21

--- STATION=XIG5805 DATE=92-11-04 TIME=0 DEPTH=11 COUNTY=BA BASIN=2139997 LAT=3915463 LONG=7620312 TIDE= WEATHER=PARTLY CLOUDY ---

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		17.90
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		13.60
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		0.75
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		625.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		57.00
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		7.60

----- STATION=XIG5805 DATE=93-05-10 TIME=0 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3915463 LONG=7620312 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
CORE	1	CHEM CHAR	0	4	TOTAL CHROMIUM	310	UG/GM-DW		66.8
CORE	1	CHEM CHAR	0	4	TOTAL NICKEL	314	UG/GM-DW		58.1
CORE	1	CHEM CHAR	0	4	TOTAL IRON	312	X-BYWT		2.9

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

96

----- STATION=XIG5805 DATE=93-05-10 TIME=0 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3915463 LONG=7620312 TIDE= WEATHER=CLEAR -----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE		METHOD	UNITS	REMARK	VALUE
				CM.	VARIABLE				
CORE	1	CHEM CHAR	0	4	TOTAL MANGANESE	313	UG/GM-DW		1630.00
CORE	1	CHEM CHAR	0	4	TOTAL ZINC	315	UG/GM-DW		182.00
CORE	1	CHEM CHAR	0	4	TOTAL COPPER	311	UG/GM-DW		26.70
CORE	1	CHEM CHAR	4	8	TOTAL CHROMIUM	310	UG/GM-DW		56.10
CORE	1	CHEM CHAR	4	8	TOTAL NICKEL	314	UG/GM-DW		42.20
CORE	1	CHEM CHAR	4	8	TOTAL IRON	312	%-BYWT		2.49
CORE	1	CHEM CHAR	4	8	TOTAL MANGANESE	313	UG/GM-DW		1011.00
CORE	1	CHEM CHAR	4	8	TOTAL ZINC	315	UG/GM-DW		130.00
CORE	1	CHEM CHAR	4	8	TOTAL COPPER	311	UG/GM-DW		25.40
CORE	1	CHEM CHAR	8	12	TOTAL CHROMIUM	310	UG/GM-DW		61.10
CORE	1	CHEM CHAR	8	12	TOTAL NICKEL	314	UG/GM-DW		40.60
CORE	1	CHEM CHAR	8	12	TOTAL IRON	312	%-BYWT		3.07
CORE	1	CHEM CHAR	8	12	TOTAL MANGANESE	313	UG/GM-DW		682.00
CORE	1	CHEM CHAR	8	12	TOTAL ZINC	315	UG/GM-DW		94.50
CORE	1	CHEM CHAR	8	12	TOTAL COPPER	311	UG/GM-DW		17.00
CORE	1	CHEM CHAR	18	22	TOTAL CHROMIUM	310	UG/GM-DW		19.70
CORE	1	CHEM CHAR	18	22	TOTAL NICKEL	314	UG/GM-DW		35.40
CORE	1	CHEM CHAR	18	22	TOTAL IRON	312	%-BYWT		0.90
CORE	1	CHEM CHAR	18	22	TOTAL MANGANESE	313	UG/GM-DW		639.00
CORE	1	CHEM CHAR	18	22	TOTAL ZINC	315	UG/GM-DW		75.90
CORE	1	CHEM CHAR	18	22	TOTAL COPPER	311	UG/GM-DW		7.60
CORE	1	CHEM CHAR	26	30	TOTAL CHROMIUM	310	UG/GM-DW		35.90
CORE	1	CHEM CHAR	26	30	TOTAL NICKEL	314	UG/GM-DW		36.70
CORE	1	CHEM CHAR	26	30	TOTAL IRON	312	%-BYWT		1.48
CORE	1	CHEM CHAR	26	30	TOTAL MANGANESE	313	UG/GM-DW		947.00
CORE	1	CHEM CHAR	26	30	TOTAL ZINC	315	UG/GM-DW		112.10
CORE	1	CHEM CHAR	26	30	TOTAL COPPER	311	UG/GM-DW		19.80

----- STATION=XIG5805 DATE=93-05-10 TIME=0 DEPTH=11 COUNTY=BA BASIN=2139997 LAT=3915463 LONG=7620312 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE		METHOD	UNITS	REMARK	VALUE
				CM.	VARIABLE				
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		85.50
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		52.10
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		3.78
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		2715.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		199.20
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		30.30

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

97

--- STATION=XIG5993 DATE=92-11-04 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3915556 LONG=7619169 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		125.90
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		79.30
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.37
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		3642.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		331.20
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		45.00

----- STATION=XIG5993 DATE=93-05-10 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3915556 LONG=7619169 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
CORE	1	CHEM CHAR	0	2	TOTAL CHROMIUM	310	UG/GM-DW		103.50
CORE	1	CHEM CHAR	0	2	TOTAL NICKEL	314	UG/GM-DW		77.30
CORE	1	CHEM CHAR	0	2	TOTAL IRON	312	%-BYWT		5.19
CORE	1	CHEM CHAR	0	2	TOTAL MANGANESE	313	UG/GM-DW		5482.00
CORE	1	CHEM CHAR	0	2	TOTAL ZINC	315	UG/GM-DW		310.70
CORE	1	CHEM CHAR	0	2	TOTAL COPPER	311	UG/GM-DW		45.60
CORE	1	CHEM CHAR	2	5	TOTAL CHROMIUM	310	UG/GM-DW		102.40
CORE	1	CHEM CHAR	2	5	TOTAL NICKEL	314	UG/GM-DW		79.30
CORE	1	CHEM CHAR	2	5	TOTAL IRON	312	%-BYWT		5.17
CORE	1	CHEM CHAR	2	5	TOTAL MANGANESE	313	UG/GM-DW		3496.00
CORE	1	CHEM CHAR	2	5	TOTAL ZINC	315	UG/GM-DW		283.40
CORE	1	CHEM CHAR	2	5	TOTAL COPPER	311	UG/GM-DW		40.10
CORE	1	CHEM CHAR	5	8	TOTAL CHROMIUM	310	UG/GM-DW		98.70
CORE	1	CHEM CHAR	5	8	TOTAL NICKEL	314	UG/GM-DW		84.90
CORE	1	CHEM CHAR	5	8	TOTAL IRON	312	%-BYWT		5.02
CORE	1	CHEM CHAR	5	8	TOTAL MANGANESE	313	UG/GM-DW		3660.00
CORE	1	CHEM CHAR	5	8	TOTAL ZINC	315	UG/GM-DW		315.20
CORE	1	CHEM CHAR	5	8	TOTAL COPPER	311	UG/GM-DW		43.40
CORE	1	CHEM CHAR	8	10	TOTAL CHROMIUM	310	UG/GM-DW		100.00
CORE	1	CHEM CHAR	8	10	TOTAL NICKEL	314	UG/GM-DW		92.50
CORE	1	CHEM CHAR	8	10	TOTAL IRON	312	%-BYWT		5.03
CORE	1	CHEM CHAR	8	10	TOTAL MANGANESE	313	UG/GM-DW		2841.00
CORE	1	CHEM CHAR	8	10	TOTAL ZINC	315	UG/GM-DW		315.70
CORE	1	CHEM CHAR	8	10	TOTAL COPPER	311	UG/GM-DW		45.60
CORE	1	CHEM CHAR	26	30	TOTAL CHROMIUM	310	UG/GM-DW		98.60
CORE	1	CHEM CHAR	26	30	TOTAL NICKEL	314	UG/GM-DW		149.90
CORE	1	CHEM CHAR	26	30	TOTAL IRON	312	%-BYWT		5.36
CORE	1	CHEM CHAR	26	30	TOTAL MANGANESE	313	UG/GM-DW		3283.00
CORE	1	CHEM CHAR	26	30	TOTAL ZINC	315	UG/GM-DW		566.80
CORE	1	CHEM CHAR	26	30	TOTAL COPPER	311	UG/GM-DW		70.40
CORE	1	CHEM CHAR	42	46	TOTAL CHROMIUM	310	UG/GM-DW		85.10
CORE	1	CHEM CHAR	42	46	TOTAL NICKEL	314	UG/GM-DW		70.50
CORE	1	CHEM CHAR	42	46	TOTAL IRON	312	%-BYWT		5.07
CORE	1	CHEM CHAR	42	46	TOTAL MANGANESE	313	UG/GM-DW		2253.00
CORE	1	CHEM CHAR	42	46	TOTAL ZINC	315	UG/GM-DW		224.10
CORE	1	CHEM CHAR	42	46	TOTAL COPPER	311	UG/GM-DW		50.50

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

98

----- STATION=XIG5993 DATE=93-05-10 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3915556 LONG=7619169 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE		METHOD	UNITS	REMARK	VALUE
				RANGE CM.	VARIABLE				
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		107.7
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		79.3
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		5.2
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		4662.0
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		310.4
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		38.2

--- STATION=XIG6307 DATE=92-11-04 TIME=0 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3916195 LONG=7620410 TIDE= WEATHER=PARTLY CLOUDY ---

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE		METHOD	UNITS	REMARK	VALUE
				RANGE CM.	VARIABLE				
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		103.00
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		66.80
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		4.59
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		6273.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		300.80
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		46.20

----- STATION=XIG6307 DATE=93-05-10 TIME=0 DEPTH=11 COUNTY=BA BASIN=2139997 LAT=3916195 LONG=7620410 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE		METHOD	UNITS	REMARK	VALUE
				RANGE CM.	VARIABLE				
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		103.40
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		75.20
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		5.05
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		5591.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		289.20
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		42.80

----- STATION=XIG6394 DATE=93-05-10 TIME=0 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3916200 LONG=7619260 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE		METHOD	UNITS	REMARK	VALUE
				RANGE CM.	VARIABLE				
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		105.80
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		86.40
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		5.45
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		3866.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		324.00
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		43.00

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

99

--- STATION=XIG6395 DATE=92-11-04 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3916200 LONG=7619266 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		103.7
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		77.4
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		4.8
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		4967.0
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		317.8
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		45.4

--- STATION=XIG6809 DATE=92-11-04 TIME=0 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3916480 LONG=7620550 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		108.60
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		73.90
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		4.85
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		4873.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		309.70
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		46.50

----- STATION=XIG6809 DATE=93-05-10 TIME=0 DEPTH=11 COUNTY=BA BASIN=2139997 LAT=3916480 LONG=7620550 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		111.50
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		83.70
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		5.19
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		3427.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		318.40
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		45.70

--- STATION=XIG6998 DATE=92-11-04 TIME=0 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3916540 LONG=7619470 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		101.60
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		76.10
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	X-BYWT		4.66
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		3680.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		306.80
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		45.30

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHEMISTRY DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

100

----- STATION=XIG6998 DATE=93-05-10 TIME=0 DEPTH=11 COUNTY=BA BASIN=2139997 LAT=3916540 LONG=7619470 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		108.10
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		88.20
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		5.22
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		3096.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		324.10
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		47.90

--- STATION=XIG7589 DATE=92-11-04 TIME=0 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3917290 LONG=7618557 TIDE= WEATHER=PARTLY CLOUDY ---

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		31.40
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		23.10
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		1.48
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		790.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		87.20
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		12.90

----- STATION=XIG7589 DATE=93-05-10 TIME=0 DEPTH=9 COUNTY=BA BASIN=2139997 LAT=3917290 LONG=7618557 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
GRAB	1	CHEM CHAR	.	.	TOTAL CHROMIUM	304	UG/GM-DW		38.50
GRAB	1	CHEM CHAR	.	.	TOTAL NICKEL	308	UG/GM-DW		29.90
GRAB	1	CHEM CHAR	.	.	TOTAL IRON	306	%-BYWT		1.79
GRAB	1	CHEM CHAR	.	.	TOTAL MANGANESE	307	UG/GM-DW		762.00
GRAB	1	CHEM CHAR	.	.	TOTAL ZINC	309	UG/GM-DW		107.80
GRAB	1	CHEM CHAR	.	.	TOTAL COPPER	305	UG/GM-DW		17.30

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHARACTERIZATION DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

101

--- STATION=XIF2036 DATE=92-11-04 TIME=0 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3912586 LONG=7623351 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		60.85
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		1.26
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		43.25
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		55.49

----- STATION=XIF2036 DATE=93-05-10 TIME=0 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3912586 LONG=7623351 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		62.97
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		1.57
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		41.50
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		56.94

--- STATION=XIF2141 DATE=92-11-04 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3912027 LONG=7624081 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		57.62
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		1.96
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		39.84
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		58.19

----- STATION=XIF2141 DATE=93-05-10 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3912027 LONG=7624081 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		64.44
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		2.17
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		41.06
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		56.77

--- STATION=XIF2229 DATE=92-11-04 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3912130 LONG=7622540 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		55.01
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		4.29

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHARACTERIZATION DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

102

--- STATION=XIF2229 DATE=92-11-04 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3912130 LONG=7622540 TIDE= WEATHER=PARTLY CLOUDY ----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE		METHOD	UNITS	REMARK	VALUE
				CM.	VARIABLE				
GRAB	1	PHYS CHAR	:	:	SILT	56	%-BYWT		37.58
GRAB	1	PHYS CHAR	:	:	CLAY	56	%-BYWT		58.13

----- STATION=XIF2229 DATE=93-05-10 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3912130 LONG=7622540 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE		METHOD	UNITS	REMARK	VALUE
				CM.	VARIABLE				
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		60.49
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		4.03
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		38.14
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		57.68

--- STATION=XIF2715 DATE=92-11-04 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3912398 LONG=7621313 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE		METHOD	UNITS	REMARK	VALUE
				CM.	VARIABLE				
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		58.48
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		0.39
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		45.11
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		54.50

----- STATION=XIF2715 DATE=93-05-10 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3912398 LONG=7621313 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE		METHOD	UNITS	REMARK	VALUE
				CM.	VARIABLE				
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		61.88
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		0.48
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		49.06
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		50.46

--- STATION=XIF3023 DATE=92-11-04 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3913591 LONG=7622203 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE		METHOD	UNITS	REMARK	VALUE
				CM.	VARIABLE				
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		47.82
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		0.50
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		55.53

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHARACTERIZATION DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

103

----- STATION=XIF3023 DATE=93-05-10 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3913591 LONG=7622203 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
CORE	1	PHYS CHAR	0	2	AMMONIA	180	%-BYWT		4.66
CORE	1	PHYS CHAR	0	2	WATER CONTENT	180	%-BYWT		59.70
CORE	1	PHYS CHAR	0	2	SILT	180	%-BYWT		40.77
CORE	1	PHYS CHAR	0	2	CLAY	180	%-BYWT		54.57
CORE	1	PHYS CHAR	2	5	WATER CONTENT	180	%-BYWT		62.99
CORE	1	PHYS CHAR	2	5	SAND	180	%-BYWT		5.58
CORE	1	PHYS CHAR	2	5	SILT	180	%-BYWT		42.65
CORE	1	PHYS CHAR	2	5	CLAY	180	%-BYWT		51.78
CORE	1	PHYS CHAR	5	8	WATER CONTENT	180	%-BYWT		61.98
CORE	1	PHYS CHAR	5	8	SAND	180	%-BYWT		5.44
CORE	1	PHYS CHAR	5	8	SILT	180	%-BYWT		39.41
CORE	1	PHYS CHAR	5	8	CLAY	180	%-BYWT		55.15
CORE	1	PHYS CHAR	8	10	WATER CONTENT	180	%-BYWT		59.93
CORE	1	PHYS CHAR	8	10	SAND	180	%-BYWT		6.10
CORE	1	PHYS CHAR	8	10	SILT	180	%-BYWT		39.84
CORE	1	PHYS CHAR	8	10	CLAY	180	%-BYWT		54.06
CORE	1	PHYS CHAR	16	20	WATER CONTENT	180	%-BYWT		56.21
CORE	1	PHYS CHAR	16	20	SAND	180	%-BYWT		2.33
CORE	1	PHYS CHAR	16	20	SILT	180	%-BYWT		35.14
CORE	1	PHYS CHAR	16	20	CLAY	180	%-BYWT		62.53
CORE	1	PHYS CHAR	28	32	WATER CONTENT	180	%-BYWT		56.80
CORE	1	PHYS CHAR	28	32	SAND	180	%-BYWT		4.79
CORE	1	PHYS CHAR	28	32	SILT	180	%-BYWT		38.58
CORE	1	PHYS CHAR	28	32	CLAY	180	%-BYWT		56.63
CORE	1	PHYS CHAR	50	54	WATER CONTENT	180	%-BYWT		63.84
CORE	1	PHYS CHAR	50	54	SAND	180	%-BYWT		3.37
CORE	1	PHYS CHAR	50	54	SILT	180	%-BYWT		39.31
CORE	1	PHYS CHAR	50	54	CLAY	180	%-BYWT		57.31

----- STATION=XIF3023 DATE=93-05-10 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3913591 LONG=7622203 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		57.14
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		0.92
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		39.79
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		59.29

--- STATION=XIF3225 DATE=92-11-04 TIME=0 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3913120 LONG=7622268 TIDE= WEATHER=PARTLY CLOUDY ---

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		61.11
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		0.73

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHARACTERIZATION DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

104

--- STATION=XIF3225 DATE=92-11-04 TIME=0 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3913120 LONG=7622268 TIDE= WEATHER=PARTLY CLOUDY ----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
GRAB	1	PHYS CHAR	:	:	SILT	56	%-BYWT		41.45
GRAB	1	PHYS CHAR	:	:	CLAY	56	%-BYWT		57.83

----- STATION=XIF3225 DATE=93-05-10 TIME=0 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3913120 LONG=7622268 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		66.11
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		0.41
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		43.01
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		56.58

--- STATION=XIF3420 DATE=92-11-04 TIME=0 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3913217 LONG=7622581 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		38.02
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		59.80
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		18.47
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		21.73

----- STATION=XIF3420 DATE=93-05-10 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3913217 LONG=7622581 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		63.56
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		17.94
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		37.68
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		44.38

--- STATION=XIF3510 DATE=92-11-04 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3913308 LONG=7621593 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		61.38
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		0.59
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		41.96

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHARACTERIZATION DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

105

--- STATION=XIF3510 DATE=92-11-04 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3913308 LONG=7621593 TIDE= WEATHER=PARTLY CLOUDY ----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE		METHOD	UNITS	REMARK	VALUE
				CM.	VARIABLE				
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		57.46

----- STATION=XIF3510 DATE=93-05-10 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3913308 LONG=7621593 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE		METHOD	UNITS	REMARK	VALUE
				CM.	VARIABLE				
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		64.46
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		0.71
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		42.48
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		56.81

---- STATION=XIF3537 DATE=92-11-04 TIME=0 DEPTH=5 COUNTY=BA BASIN=2139997 LAT=3913322 LONG=7623438 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE		METHOD	UNITS	REMARK	VALUE
				CM.	VARIABLE				
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		24.14
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		97.79
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		0.83
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		1.38

----- STATION=XIF3537 DATE=93-05-10 TIME=0 DEPTH=6 COUNTY=BA BASIN=2139997 LAT=3913322 LONG=7623438 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE		METHOD	UNITS	REMARK	VALUE
				CM.	VARIABLE				
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		30.59
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		96.08
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		1.56
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		2.36

--- STATION=XIF3923 DATE=92-11-04 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3913561 LONG=7622203 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE		METHOD	UNITS	REMARK	VALUE
				CM.	VARIABLE				
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		43.97

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHARACTERIZATION DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

106

--- STATION=XIF4019 DATE=92-11-04 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3914001 LONG=7621536 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		58.03
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		1.24
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		41.96
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		56.79

----- STATION=XIF4019 DATE=93-05-10 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3914001 LONG=7621536 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		61.81
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		0.95
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		40.77
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		58.28

--- STATION=XIF4126 DATE=92-11-04 TIME=0 DEPTH=11 COUNTY=BA BASIN=2139997 LAT=3914054 LONG=7622355 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		54.42
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		3.85
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		52.92
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		43.24

----- STATION=XIF4126 DATE=93-05-10 TIME=0 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3914054 LONG=7622355 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		58.37
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		1.79
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		57.44
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		40.78

--- STATION=XIF4212 DATE=92-11-04 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3914105 LONG=7621100 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		57.57
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		1.29

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHARACTERIZATION DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

107

--- STATION=XIF4212 DATE=92-11-04 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3914105 LONG=7621100 TIDE= WEATHER=PARTLY CLOUDY ----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE	CM.				
GRAB	1	PHYS CHAR	:	SILT	56	%-BYWT	38.73		
GRAB	1	PHYS CHAR	:	CLAY	56	%-BYWT	59.98		

----- STATION=XIF4212 DATE=93-05-10 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3914105 LONG=7621100 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE	CM.				
CORE	1	PHYS CHAR	0	2	WATER CONTENT	180	%-BYWT	62.93	
CORE	1	PHYS CHAR	0	2	SAND	180	%-BYWT	2.41	
CORE	1	PHYS CHAR	0	2	SILT	180	%-BYWT	42.40	
CORE	1	PHYS CHAR	0	2	CLAY	180	%-BYWT	55.19	
CORE	1	PHYS CHAR	2	5	WATER CONTENT	180	%-BYWT	63.75	
CORE	1	PHYS CHAR	2	5	SAND	180	%-BYWT	1.35	
CORE	1	PHYS CHAR	2	5	SILT	180	%-BYWT	40.48	
CORE	1	PHYS CHAR	2	5	CLAY	180	%-BYWT	58.16	
CORE	1	PHYS CHAR	5	8	WATER CONTENT	180	%-BYWT	62.39	
CORE	1	PHYS CHAR	5	8	SAND	180	%-BYWT	1.00	
CORE	1	PHYS CHAR	5	8	SILT	180	%-BYWT	42.53	
CORE	1	PHYS CHAR	5	8	CLAY	180	%-BYWT	56.47	
CORE	1	PHYS CHAR	8	10	WATER CONTENT	180	%-BYWT	59.33	
CORE	1	PHYS CHAR	8	10	SAND	180	%-BYWT	1.77	
CORE	1	PHYS CHAR	8	10	SILT	180	%-BYWT	42.29	
CORE	1	PHYS CHAR	8	10	CLAY	180	%-BYWT	55.93	
CORE	1	PHYS CHAR	20	24	WATER CONTENT	180	%-BYWT	58.19	
CORE	1	PHYS CHAR	20	24	SAND	180	%-BYWT	1.08	
CORE	1	PHYS CHAR	20	24	SILT	180	%-BYWT	44.15	
CORE	1	PHYS CHAR	20	24	CLAY	180	%-BYWT	54.77	
CORE	1	PHYS CHAR	50	54	WATER CONTENT	180	%-BYWT	55.85	
CORE	1	PHYS CHAR	50	54	SAND	180	%-BYWT	0.64	
CORE	1	PHYS CHAR	50	54	SILT	180	%-BYWT	38.40	
CORE	1	PHYS CHAR	50	54	CLAY	180	%-BYWT	60.96	
CORE	1	PHYS CHAR	74	78	WATER CONTENT	180	%-BYWT	58.26	
CORE	1	PHYS CHAR	74	78	SAND	180	%-BYWT	2.12	
CORE	1	PHYS CHAR	74	78	SILT	180	%-BYWT	39.33	
CORE	1	PHYS CHAR	74	78	CLAY	180	%-BYWT	58.56	

----- STATION=XIF4212 DATE=93-05-10 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914105 LONG=7621100 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE	CM.				
GRAB	1	PHYS CHAR	:	:	WATER CONTENT	56	%-BYWT	61.05	
GRAB	1	PHYS CHAR	:	:	SAND	56	%-BYWT	1.50	
GRAB	1	PHYS CHAR	:	:	SILT	56	%-BYWT	98.50	

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHARACTERIZATION DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

108

----- STATION=XIF4212 DATE=93-05-10 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914105 LONG=7621100 TIDE= WEATHER=CLEAR -----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		0

--- STATION=XIF4221 DATE=92-11-04 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914108 LONG=7622079 TIDE= WEATHER=PARTLY CLOUDY ---

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		57.89
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		2.00
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		46.76
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		51.24

----- STATION=XIF4221 DATE=93-05-10 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914108 LONG=7622079 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		63.62
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		5.83
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		49.73
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		44.45

--- STATION=XIF4317 DATE=92-11-04 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3914166 LONG=7621389 TIDE= WEATHER=PARTLY CLOUDY ---

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		53.06
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		1.58
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		43.04
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		55.38

----- STATION=XIF4317 DATE=93-05-10 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3914166 LONG=7621389 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		58.46
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		1.37
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		40.34
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		58.29

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHARACTERIZATION DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

109

--- STATION=XIF4614 DATE=92-11-04 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3914326 LONG=7621258 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	X-BYWT		47.84
GRAB	1	PHYS CHAR	.	.	SAND	56	X-BYWT		7.25
GRAB	1	PHYS CHAR	.	.	SILT	56	X-BYWT		51.31
GRAB	1	PHYS CHAR	.	.	CLAY	56	X-BYWT		36.75
GRAB	2	PHYS CHAR	.	.	WATER CONTENT	56	X-BYWT		50.46
GRAB	2	PHYS CHAR	.	.	SAND	56	X-BYWT		10.86
GRAB	2	PHYS CHAR	.	.	SILT	56	X-BYWT		52.38
GRAB	2	PHYS CHAR	.	.	CLAY	56	X-BYWT		37.46
GRAB	3	PHYS CHAR	.	.	WATER CONTENT	56	X-BYWT		54.26
GRAB	3	PHYS CHAR	.	.	SAND	56	X-BYWT		11.23
GRAB	3	PHYS CHAR	.	.	SILT	56	X-BYWT		53.48
GRAB	3	PHYS CHAR	.	.	CLAY	56	X-BYWT		39.26

----- STATION=XIF4614 DATE=93-05-10 TIME=0 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3914326 LONG=7621258 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
CORE	1	PHYS CHAR	0	2	WATER CONTENT	180	X-BYWT		52.30
CORE	1	PHYS CHAR	0	2	SAND	180	X-BYWT		17.18
CORE	1	PHYS CHAR	0	2	SILT	180	X-BYWT		46.24
CORE	1	PHYS CHAR	0	2	CLAY	180	X-BYWT		36.58
CORE	1	PHYS CHAR	2	5	WATER CONTENT	180	X-BYWT		52.15
CORE	1	PHYS CHAR	2	5	SAND	180	X-BYWT		16.06
CORE	1	PHYS CHAR	2	5	SILT	180	X-BYWT		49.75
CORE	1	PHYS CHAR	2	5	CLAY	180	X-BYWT		34.20
CORE	1	PHYS CHAR	5	8	WATER CONTENT	180	X-BYWT		42.31
CORE	1	PHYS CHAR	5	8	SAND	180	X-BYWT		5.07
CORE	1	PHYS CHAR	5	8	SILT	180	X-BYWT		59.50
CORE	1	PHYS CHAR	5	8	CLAY	180	X-BYWT		35.43
CORE	1	PHYS CHAR	8	10	WATER CONTENT	180	X-BYWT		42.26
CORE	1	PHYS CHAR	8	10	SAND	180	X-BYWT		2.64
CORE	1	PHYS CHAR	8	10	SILT	180	X-BYWT		64.63
CORE	1	PHYS CHAR	8	10	CLAY	180	X-BYWT		32.73
CORE	1	PHYS CHAR	16	20	WATER CONTENT	180	X-BYWT		59.01
CORE	1	PHYS CHAR	16	20	SAND	180	X-BYWT		1.19
CORE	1	PHYS CHAR	16	20	SILT	180	X-BYWT		40.98
CORE	1	PHYS CHAR	16	20	CLAY	180	X-BYWT		57.84
CORE	1	PHYS CHAR	36	40	WATER CONTENT	180	X-BYWT		55.26
CORE	1	PHYS CHAR	36	40	SAND	180	X-BYWT		3.20
CORE	1	PHYS CHAR	36	40	SILT	180	X-BYWT		40.53
CORE	1	PHYS CHAR	36	40	CLAY	180	X-BYWT		56.27
CORE	1	PHYS CHAR	50	54	WATER CONTENT	180	X-BYWT		54.83
CORE	1	PHYS CHAR	50	54	SAND	180	X-BYWT		1.96
CORE	1	PHYS CHAR	50	54	SILT	180	X-BYWT		37.48
CORE	1	PHYS CHAR	50	54	CLAY	180	X-BYWT		60.48
CORE	1	PHYS CHAR	60	64	WATER CONTENT	180	X-BYWT		57.18
CORE	1	PHYS CHAR	60	64	SAND	180	X-BYWT		1.94

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHARACTERIZATION DATA  
ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
RESOURCE MONITORING DATABASE

110

----- STATION=XIF4614 DATE=93-05-10 TIME=0 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3914326 LONG=7621258 TIDE= WEATHER=CLEAR -----  
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE		METHOD	UNITS	REMARK	VALUE
				CM.	VARIABLE				
CORE	1	PHYS CHAR	60	64	SILT	180	%-BYWT		35.49
CORE	1	PHYS CHAR	60	64	CLAY	180	%-BYWT		62.57

----- STATION=XIF4614 DATE=93-05-10 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3914326 LONG=7621258 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE		METHOD	UNITS	REMARK	VALUE
				CM.	VARIABLE				
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		37.80
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		8.73
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		51.59
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		35.91
GRAB	2	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		41.95
GRAB	2	PHYS CHAR	.	.	SAND	56	%-BYWT		11.66
GRAB	2	PHYS CHAR	.	.	SILT	56	%-BYWT		52.43
GRAB	2	PHYS CHAR	.	.	CLAY	56	%-BYWT		36.60
GRAB	3	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		43.51
GRAB	3	PHYS CHAR	.	.	SAND	56	%-BYWT		11.80
GRAB	3	PHYS CHAR	.	.	SILT	56	%-BYWT		52.70
GRAB	3	PHYS CHAR	.	.	CLAY	56	%-BYWT		38.57

--- STATION=XIF4642 DATE=92-11-04 TIME=0 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3914350 LONG=7624115 TIDE= WEATHER=PARTLY CLOUDY ---

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE		METHOD	UNITS	REMARK	VALUE
				CM.	VARIABLE				
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		41.64
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		56.09
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		23.84
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		20.07

----- STATION=XIF4642 DATE=93-05-10 TIME=0 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3914350 LONG=7624115 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE		METHOD	UNITS	REMARK	VALUE
				CM.	VARIABLE				
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		47.73
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		37.78
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		37.48
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		24.75

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHARACTERIZATION DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

111

----- STATION=XIF4936 DATE=93-05-10 TIME=0 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3916532 LONG=7623354 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
CORE	1	PHYS CHAR	0	2	WATER CONTENT	180	%-BYWT		65.84
CORE	1	PHYS CHAR	0	2	SAND	180	%-BYWT		3.92
CORE	1	PHYS CHAR	0	2	SILT	180	%-BYWT		51.87
CORE	1	PHYS CHAR	0	2	CLAY	180	%-BYWT		44.21
CORE	1	PHYS CHAR	2	5	WATER CONTENT	180	%-BYWT		64.18
CORE	1	PHYS CHAR	2	5	SAND	180	%-BYWT		4.23
CORE	1	PHYS CHAR	2	5	SILT	180	%-BYWT		52.11
CORE	1	PHYS CHAR	2	5	CLAY	180	%-BYWT		43.66
CORE	1	PHYS CHAR	5	8	WATER CONTENT	180	%-BYWT		61.29
CORE	1	PHYS CHAR	5	8	SAND	180	%-BYWT		3.87
CORE	1	PHYS CHAR	5	8	SILT	180	%-BYWT		56.64
CORE	1	PHYS CHAR	5	8	CLAY	180	%-BYWT		39.49
CORE	1	PHYS CHAR	8	10	WATER CONTENT	180	%-BYWT		60.76
CORE	1	PHYS CHAR	8	10	SAND	180	%-BYWT		2.76
CORE	1	PHYS CHAR	8	10	SILT	180	%-BYWT		59.19
CORE	1	PHYS CHAR	8	10	CLAY	180	%-BYWT		38.05
CORE	1	PHYS CHAR	22	26	WATER CONTENT	180	%-BYWT		65.89
CORE	1	PHYS CHAR	22	26	SAND	180	%-BYWT		3.85
CORE	1	PHYS CHAR	22	26	SILT	180	%-BYWT		50.63
CORE	1	PHYS CHAR	22	26	CLAY	180	%-BYWT		45.52
CORE	1	PHYS CHAR	46	50	WATER CONTENT	180	%-BYWT		65.84
CORE	1	PHYS CHAR	46	50	SAND	180	%-BYWT		1.37
CORE	1	PHYS CHAR	46	50	SILT	180	%-BYWT		51.91
CORE	1	PHYS CHAR	46	50	CLAY	180	%-BYWT		46.72

----- STATION=XIF5232 DATE=92-11-04 TIME=0 DEPTH=9 COUNTY=BA BASIN=2139997 LAT=3915086 LONG=7623102 TIDE= WEATHER=PARTLY CLOUDY -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		57.71
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		4.31
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		47.78
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		47.90

----- STATION=XIF5232 DATE=93-05-10 TIME=0 DEPTH=7 COUNTY=BA BASIN=2139997 LAT=3915086 LONG=7623102 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		59.63
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		3.67
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		51.03
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		45.30

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHARACTERIZATION DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

112

---- STATION=XIF5427 DATE=92-11-04 TIME=0 DEPTH=9 COUNTY=BA BASIN=2139997 LAT=3915238 LONG=7622427 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE		METHOD	UNITS	REMARK	VALUE
				RANGE CM.	VARIABLE				
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		58.62
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		4.31
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		45.78
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		49.91

----- STATION=XIF5427 DATE=93-05-10 TIME=0 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3915238 LONG=7622427 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE		METHOD	UNITS	REMARK	VALUE
				RANGE CM.	VARIABLE				
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		59.93
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		7.77
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		42.61
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		49.62

--- STATION=XIF5722 DATE=92-11-04 TIME=0 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3915395 LONG=7622124 TIDE= WEATHER=PARTLY CLOUDY ---

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE		METHOD	UNITS	REMARK	VALUE
				RANGE CM.	VARIABLE				
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		47.34
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		26.16
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		28.53
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		28.89
GRAB	2	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		47.90
GRAB	2	PHYS CHAR	.	.	SAND	56	%-BYWT		35.72
GRAB	2	PHYS CHAR	.	.	SILT	56	%-BYWT		32.96
GRAB	2	PHYS CHAR	.	.	CLAY	56	%-BYWT		31.32
GRAB	3	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		48.45
GRAB	3	PHYS CHAR	.	.	SAND	56	%-BYWT		42.58
GRAB	3	PHYS CHAR	.	.	SILT	56	%-BYWT		36.00
GRAB	3	PHYS CHAR	.	.	CLAY	56	%-BYWT		37.84

----- STATION=XIF5722 DATE=93-05-10 TIME=0 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3915395 LONG=7622124 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE		METHOD	UNITS	REMARK	VALUE
				RANGE CM.	VARIABLE				
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		48.71
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		23.19
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		26.48
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		31.94
GRAB	2	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		49.75
GRAB	2	PHYS CHAR	.	.	SAND	56	%-BYWT		30.51

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHARACTERIZATION DATA  
ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
RESOURCE MONITORING DATABASE

113

----- STATION=XIF5722 DATE=93-05-10 TIME=0 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3915395 LONG=7622124 TIDE= WEATHER=CLEAR -----  
(continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				CM.	VARIABLE				
GRAB	2	PHYS CHAR	.	.	SILT	56	%-BYWT		31.77
GRAB	2	PHYS CHAR	.	.	CLAY	56	%-BYWT		37.72
GRAB	3	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		54.81
GRAB	3	PHYS CHAR	.	.	SAND	56	%-BYWT		41.57
GRAB	3	PHYS CHAR	.	.	SILT	56	%-BYWT		35.11
GRAB	3	PHYS CHAR	.	.	CLAY	56	%-BYWT		41.70

--- STATION=XIF5817 DATE=92-11-04 TIME=0 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3915491 LONG=7621417 TIDE= WEATHER=PARTLY CLOUDY ---

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				CM.	VARIABLE				
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		61.11
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		2.86
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		39.94
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		57.20

----- STATION=XIF5817 DATE=93-05-10 TIME=0 DEPTH=9 COUNTY=BA BASIN=2139997 LAT=3915491 LONG=7621417 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				CM.	VARIABLE				
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		63.62
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		1.90
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		40.18
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		57.91

--- STATION=XIF5925 DATE=92-11-04 TIME=0 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3915514 LONG=7622320 TIDE= WEATHER=PARTLY CLOUDY ---

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				CM.	VARIABLE				
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		58.03
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		2.33
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		39.87
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		56.17
GRAB	2	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		61.45
GRAB	2	PHYS CHAR	.	.	SAND	56	%-BYWT		2.65
GRAB	2	PHYS CHAR	.	.	SILT	56	%-BYWT		40.54
GRAB	2	PHYS CHAR	.	.	CLAY	56	%-BYWT		56.64
GRAB	3	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		64.47
GRAB	3	PHYS CHAR	.	.	SAND	56	%-BYWT		2.81
GRAB	3	PHYS CHAR	.	.	SILT	56	%-BYWT		41.17

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHARACTERIZATION DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

114

--- STATION=XIF5925 DATE=92-11-04 TIME=0 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3915514 LONG=7622320 TIDE= WEATHER=PARTLY CLOUDY ----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
GRAB	3	PHYS CHAR	.	CLAY	56	%-BYWT			57.8

----- STATION=XIF5925 DATE=93-05-10 TIME=0 DEPTH=9 COUNTY=BA BASIN=2139997 LAT=3915514 LONG=7622320 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
GRAB	1	PHYS CHAR	.	WATER CONTENT	56	%-BYWT			62.44
GRAB	1	PHYS CHAR	.	SAND	56	%-BYWT			2.51
GRAB	1	PHYS CHAR	.	SILT	56	%-BYWT			41.27
GRAB	1	PHYS CHAR	.	CLAY	56	%-BYWT			55.47
GRAB	2	PHYS CHAR	.	WATER CONTENT	56	%-BYWT			64.36
GRAB	2	PHYS CHAR	.	SAND	56	%-BYWT			2.66
GRAB	2	PHYS CHAR	.	SILT	56	%-BYWT			41.87
GRAB	2	PHYS CHAR	.	CLAY	56	%-BYWT			56.22

----- STATION=XIF5925 DATE=93-05-10 TIME=0 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3915514 LONG=7622320 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
CORE	1	PHYS CHAR	0	2	WATER CONTENT	180	%-BYWT		64.08
CORE	1	PHYS CHAR	0	2	SAND	180	%-BYWT		2.52
CORE	1	PHYS CHAR	0	2	SILT	180	%-BYWT		44.12
CORE	1	PHYS CHAR	0	2	CLAY	180	%-BYWT		53.36
CORE	1	PHYS CHAR	2	5	WATER CONTENT	180	%-BYWT		63.23
CORE	1	PHYS CHAR	2	5	SAND	180	%-BYWT		2.28
CORE	1	PHYS CHAR	2	5	SILT	180	%-BYWT		43.21
CORE	1	PHYS CHAR	2	5	CLAY	180	%-BYWT		54.51
CORE	1	PHYS CHAR	5	8	WATER CONTENT	180	%-BYWT		62.99
CORE	1	PHYS CHAR	5	8	SAND	180	%-BYWT		2.97
CORE	1	PHYS CHAR	5	8	SILT	180	%-BYWT		44.17
CORE	1	PHYS CHAR	5	8	CLAY	180	%-BYWT		52.86
CORE	1	PHYS CHAR	8	10	WATER CONTENT	180	%-BYWT		59.67
CORE	1	PHYS CHAR	8	10	SAND	180	%-BYWT		2.47
CORE	1	PHYS CHAR	8	10	SILT	180	%-BYWT		44.93
CORE	1	PHYS CHAR	8	10	CLAY	180	%-BYWT		52.60
CORE	1	PHYS CHAR	20	24	WATER CONTENT	180	%-BYWT		54.94
CORE	1	PHYS CHAR	20	24	SAND	180	%-BYWT		5.67
CORE	1	PHYS CHAR	20	24	SILT	180	%-BYWT		43.79
CORE	1	PHYS CHAR	20	24	CLAY	180	%-BYWT		50.53
CORE	1	PHYS CHAR	50	54	WATER CONTENT	180	%-BYWT		63.07
CORE	1	PHYS CHAR	50	54	SAND	180	%-BYWT		1.15
CORE	1	PHYS CHAR	50	54	SILT	180	%-BYWT		38.26
CORE	1	PHYS CHAR	50	54	CLAY	180	%-BYWT		60.59

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHARACTERIZATION DATA  
ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
RESOURCE MONITORING DATABASE

115

--- STATION=XIF6417 DATE=92-11-04 TIME=0 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3916210 LONG=7621430 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		63.16
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		0.62
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		38.72
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		60.66

----- STATION=XIF6417 DATE=93-05-10 TIME=0 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3916210 LONG=7621430 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		64.59
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		0.78
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		41.95
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		57.27

--- STATION=XIG2964 DATE=92-11-04 TIME=0 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3912510 LONG=7616233 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		50.56
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		4.08
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		56.42
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		39.50

----- STATION=XIG2964 DATE=93-05-10 TIME=0 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3912510 LONG=7616233 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		54.76
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		2.98
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		54.49
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		42.53

--- STATION=XIG3090 DATE=92-11-04 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3913592 LONG=7619595 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		58.63
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		0.35

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHARACTERIZATION DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

116

--- STATION=XIG3090 DATE=92-11-04 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3913592 LONG=7619595 TIDE= WEATHER=PARTLY CLOUDY ----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE	CM.				
GRAB	1	PHYS CHAR	.	:	SILT	56	%-BYWT		44.67
GRAB	1	PHYS CHAR	.	:	CLAY	56	%-BYWT		54.98

----- STATION=XIG3090 DATE=93-05-10 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3913592 LONG=7619595 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE	CM.				
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		61.91
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		0.36
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		47.56
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		52.09

--- STATION=XIG3506 DATE=92-11-04 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3913310 LONG=7620350 TIDE= WEATHER=PARTLY CLOUDY ---

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE	CM.				
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		57.48
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		2.27
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		47.18
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		50.55

----- STATION=XIG3506 DATE=93-05-10 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3913310 LONG=7620350 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE	CM.				
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		62.04
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		1.51
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		48.54
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		49.96

--- STATION=XIG4408 DATE=92-11-04 TIME=0 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3914232 LONG=7620483 TIDE= WEATHER=PARTLY CLOUDY ---

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE	CM.				
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		58.60
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		1.37
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		40.69

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHARACTERIZATION DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

117

--- STATION=XIG4408 DATE=92-11-04 TIME=0 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3914232 LONG=7620483 TIDE= WEATHER=PARTLY CLOUDY ----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		55.42
GRAB	2	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		59.18
GRAB	2	PHYS CHAR	.	.	SAND	56	%-BYWT		1.98
GRAB	2	PHYS CHAR	.	.	SILT	56	%-BYWT		42.60
GRAB	2	PHYS CHAR	.	.	CLAY	56	%-BYWT		57.94
GRAB	3	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		62.43

----- STATION=XIG4408 DATE=93-05-10 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914232 LONG=7620483 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
CORE	1	PHYS CHAR	0	2	WATER CONTENT	180	%-BYWT		60.93
CORE	1	PHYS CHAR	0	2	SAND	180	%-BYWT		3.75
CORE	1	PHYS CHAR	0	2	SILT	180	%-BYWT		43.55
CORE	1	PHYS CHAR	0	2	CLAY	180	%-BYWT		52.70
CORE	1	PHYS CHAR	2	5	WATER CONTENT	180	%-BYWT		61.28
CORE	1	PHYS CHAR	2	5	SAND	180	%-BYWT		3.25
CORE	1	PHYS CHAR	2	5	SILT	180	%-BYWT		44.01
CORE	1	PHYS CHAR	2	5	CLAY	180	%-BYWT		52.74
CORE	1	PHYS CHAR	5	8	WATER CONTENT	180	%-BYWT		58.37
CORE	1	PHYS CHAR	5	8	SAND	180	%-BYWT		1.77
CORE	1	PHYS CHAR	5	8	SILT	180	%-BYWT		45.04
CORE	1	PHYS CHAR	5	8	CLAY	180	%-BYWT		53.19
CORE	1	PHYS CHAR	8	10	WATER CONTENT	180	%-BYWT		58.65
CORE	1	PHYS CHAR	8	10	SAND	180	%-BYWT		1.36
CORE	1	PHYS CHAR	8	10	SILT	180	%-BYWT		44.12
CORE	1	PHYS CHAR	8	10	CLAY	180	%-BYWT		54.52
CORE	1	PHYS CHAR	20	24	WATER CONTENT	180	%-BYWT		56.14
CORE	1	PHYS CHAR	20	24	SAND	180	%-BYWT		1.47
CORE	1	PHYS CHAR	20	24	SILT	180	%-BYWT		43.70
CORE	1	PHYS CHAR	20	24	CLAY	180	%-BYWT		54.83
CORE	1	PHYS CHAR	40	44	SAND	180	%-BYWT		1.23
CORE	1	PHYS CHAR	40	44	SILT	180	%-BYWT		39.64
CORE	1	PHYS CHAR	40	44	CLAY	180	%-BYWT		59.13

----- STATION=XIG4408 DATE=93-05-10 TIME=0 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3914232 LONG=7620483 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		59.41
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		1.12
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		42.70
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		54.81

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHARACTERIZATION DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

118

----- STATION=XIG4408 DATE=93-05-10 TIME=0 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3914232 LONG=7620483 TIDE= WEATHER=CLEAR -----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE		METHOD	UNITS	REMARK	VALUE
				CM.	VARIABLE				
GRAB	2	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		60.00
GRAB	2	PHYS CHAR	.	.	SAND	56	%-BYWT		1.57
GRAB	2	PHYS CHAR	.	.	SILT	56	%-BYWT		42.75
GRAB	2	PHYS CHAR	.	.	CLAY	56	%-BYWT		55.73
GRAB	3	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		61.58
GRAB	3	PHYS CHAR	.	.	SAND	56	%-BYWT		1.79
GRAB	3	PHYS CHAR	.	.	SILT	56	%-BYWT		43.40
GRAB	3	PHYS CHAR	.	.	CLAY	56	%-BYWT		56.13

--- STATION=XIG4501 DATE=92-11-04 TIME=0 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3914270 LONG=7620050 TIDE= WEATHER=PARTLY CLOUDY ---

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE		METHOD	UNITS	REMARK	VALUE
				CM.	VARIABLE				
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		56.67
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		0.69
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		46.21
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		53.11

----- STATION=XIG4501 DATE=93-05-10 TIME=0 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3914270 LONG=7620050 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE		METHOD	UNITS	REMARK	VALUE
				CM.	VARIABLE				
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		60.90
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		0.67
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		47.96
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		51.37

----- STATION=XIG4609 DATE=93-05-10 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914345 LONG=7620560 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE		METHOD	UNITS	REMARK	VALUE
				CM.	VARIABLE				
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		62.00
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		2.02
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		41.66
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		56.32

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHARACTERIZATION DATA  
ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
RESOURCE MONITORING DATABASE

119

--- STATION=XIG4704 DATE=92-11-04 TIME=0 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3914395 LONG=7620215 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		56.25
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		2.66
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		40.62
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		56.73

----- STATION=XIG4704 DATE=93-05-10 TIME=0 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3914395 LONG=7620215 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
CORE	1	PHYS CHAR	0	2	WATER CONTENT	180	%-BYWT		57.58
CORE	1	PHYS CHAR	0	2	SAND	180	%-BYWT		5.03
CORE	1	PHYS CHAR	0	2	SILT	180	%-BYWT		41.25
CORE	1	PHYS CHAR	0	2	CLAY	180	%-BYWT		53.72
CORE	1	PHYS CHAR	2	5	WATER CONTENT	180	%-BYWT		56.59
CORE	1	PHYS CHAR	2	5	SAND	180	%-BYWT		2.27
CORE	1	PHYS CHAR	2	5	SILT	180	%-BYWT		44.33
CORE	1	PHYS CHAR	2	5	CLAY	180	%-BYWT		53.40
CORE	1	PHYS CHAR	5	8	WATER CONTENT	180	%-BYWT		55.67
CORE	1	PHYS CHAR	5	8	SAND	180	%-BYWT		2.21
CORE	1	PHYS CHAR	5	8	SILT	180	%-BYWT		44.06
CORE	1	PHYS CHAR	5	8	CLAY	180	%-BYWT		53.72
CORE	1	PHYS CHAR	8	10	WATER CONTENT	180	%-BYWT		56.42
CORE	1	PHYS CHAR	8	10	SAND	180	%-BYWT		1.27
CORE	1	PHYS CHAR	8	10	SILT	180	%-BYWT		44.07
CORE	1	PHYS CHAR	8	10	CLAY	180	%-BYWT		54.66
CORE	1	PHYS CHAR	20	24	WATER CONTENT	180	%-BYWT		57.33
CORE	1	PHYS CHAR	20	24	SAND	180	%-BYWT		1.09
CORE	1	PHYS CHAR	20	24	SILT	180	%-BYWT		39.40
CORE	1	PHYS CHAR	20	24	CLAY	180	%-BYWT		59.51
CORE	1	PHYS CHAR	46	50	WATER CONTENT	180	%-BYWT		59.10
CORE	1	PHYS CHAR	46	50	SAND	180	%-BYWT		0.52
CORE	1	PHYS CHAR	46	50	SILT	180	%-BYWT		40.66
CORE	1	PHYS CHAR	46	50	CLAY	180	%-BYWT		58.82
CORE	1	PHYS CHAR	60	64	WATER CONTENT	180	%-BYWT		61.66
CORE	1	PHYS CHAR	60	64	SAND	180	%-BYWT		1.08
CORE	1	PHYS CHAR	60	64	SILT	180	%-BYWT		41.63
CORE	1	PHYS CHAR	60	64	CLAY	180	%-BYWT		57.29

----- STATION=XIG4704 DATE=93-05-10 TIME=0 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3914395 LONG=7620215 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		56.33
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		2.80

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHARACTERIZATION DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

120

----- STATION=XIG4704 DATE=93-05-10 TIME=0 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3914395 LONG=7620215 TIDE= WEATHER=CLEAR -----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE		METHOD	UNITS	REMARK	VALUE
				CM.	VARIABLE				
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		41.38
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		55.82

--- STATION=XIG4806 DATE=92-11-04 TIME=0 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3914461 LONG=7620339 TIDE= WEATHER=PARTLY CLOUDY ---

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE		METHOD	UNITS	REMARK	VALUE
				CM.	VARIABLE				
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		64.85
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		4.84
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		39.21
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		55.95

----- STATION=XIG4806 DATE=93-05-10 TIME=0 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3914461 LONG=7620339 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE		METHOD	UNITS	REMARK	VALUE
				CM.	VARIABLE				
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		58.69
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		4.95
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		40.37
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		54.68

--- STATION=XIG4900 DATE=92-11-04 TIME=0 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3914538 LONG=7620577 TIDE= WEATHER=PARTLY CLOUDY ---

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE		METHOD	UNITS	REMARK	VALUE
				CM.	VARIABLE				
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		29.96
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		70.97
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		17.54
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		11.49

----- STATION=XIG4900 DATE=93-05-10 TIME=0 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3914538 LONG=7620577 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE		METHOD	UNITS	REMARK	VALUE
				CM.	VARIABLE				
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		33.39
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		67.30
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		20.38

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHARACTERIZATION DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

121

----- STATION=XIG4900 DATE=93-05-10 TIME=0 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3914538 LONG=7620577 TIDE= WEATHER=CLEAR -----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE		METHOD	UNITS	REMARK	VALUE
				CM.	VARIABLE				
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		12.32

--- STATION=XIG4999 DATE=92-11-04 TIME=0 DEPTH=20 COUNTY=BA BASIN=2139997 LAT=3914550 LONG=7619510 TIDE= WEATHER=PARTLY CLOUDY ---

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE		METHOD	UNITS	REMARK	VALUE
				CM.	VARIABLE				
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		60.45
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		0.40
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		45.90
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		53.70

----- STATION=XIG4999 DATE=93-05-10 TIME=0 DEPTH=20 COUNTY=BA BASIN=2139997 LAT=3914550 LONG=7619510 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE		METHOD	UNITS	REMARK	VALUE
				CM.	VARIABLE				
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		60.12
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		0.34
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		36.97
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		62.69

---- STATION=XIG5008 DATE=92-11-04 TIME=0 DEPTH=7 COUNTY=BA BASIN=2139997 LAT=3915586 LONG=7620491 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE		METHOD	UNITS	REMARK	VALUE
				CM.	VARIABLE				
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		25.71
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		98.30
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		0.69
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		0.80

----- STATION=XIG5008 DATE=93-05-10 TIME=0 DEPTH=7 COUNTY=BA BASIN=2139997 LAT=3915586 LONG=7620491 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE		METHOD	UNITS	REMARK	VALUE
				CM.	VARIABLE				
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		18.06
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		97.64
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		0.23
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		2.12

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHARACTERIZATION DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

122

--- STATION=XIG5103 DATE=92-11-04 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3915076 LONG=7620193 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE		METHOD	UNITS	REMARK	VALUE
				RANGE CM.	VARIABLE				
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		29.54
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		92.68
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		2.68
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		4.64

--- STATION=XIG5103 DATE=92-11-04 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3915041 LONG=7620193 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE		METHOD	UNITS	REMARK	VALUE
				RANGE CM.	VARIABLE				
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		27.50
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		58.15
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		9.37
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		13.63
GRAB	2	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		31.16
GRAB	2	PHYS CHAR	.	.	SAND	56	%-BYWT		75.15
GRAB	2	PHYS CHAR	.	.	SILT	56	%-BYWT		10.43
GRAB	2	PHYS CHAR	.	.	CLAY	56	%-BYWT		14.43
GRAB	3	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		38.90
GRAB	3	PHYS CHAR	.	.	SAND	56	%-BYWT		77.00
GRAB	3	PHYS CHAR	.	.	SILT	56	%-BYWT		17.76
GRAB	3	PHYS CHAR	.	.	CLAY	56	%-BYWT		24.09

----- STATION=XIG5103 DATE=93-05-10 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3915076 LONG=7620193 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE		METHOD	UNITS	REMARK	VALUE
				RANGE CM.	VARIABLE				
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		51.20
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		82.02
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		7.36
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		10.62

----- STATION=XIG5103 DATE=93-05-10 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3915041 LONG=7620193 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE		METHOD	UNITS	REMARK	VALUE
				RANGE CM.	VARIABLE				
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		31.16
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		21.53
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		14.65
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		19.04
GRAB	2	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		45.13
GRAB	2	PHYS CHAR	.	.	SAND	56	%-BYWT		55.26

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHARACTERIZATION DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

123

----- STATION=XIG5103 DATE=93-05-10 TIME=0 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3915041 LONG=7620193 TIDE= WEATHER=CLEAR -----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
GRAB	2	PHYS CHAR	.	SILT	56	%-BYWT	18.77		
GRAB	2	PHYS CHAR	.	CLAY	56	%-BYWT	25.97		
GRAB	3	PHYS CHAR	.	WATER CONTENT	56	%-BYWT	58.45		
GRAB	3	PHYS CHAR	.	SAND	56	%-BYWT	66.31		
GRAB	3	PHYS CHAR	.	SILT	56	%-BYWT	31.84		
GRAB	3	PHYS CHAR	.	CLAY	56	%-BYWT	46.63		

--- STATION=XIG5295 DATE=92-11-04 TIME=0 DEPTH=19 COUNTY=BA BASIN=2139997 LAT=3915090 LONG=7619320 TIDE= WEATHER=PARTLY CLOUDY ---

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
GRAB	1	PHYS CHAR	.	WATER CONTENT	56	%-BYWT	60.40		
GRAB	1	PHYS CHAR	.	SAND	56	%-BYWT	1.05		
GRAB	1	PHYS CHAR	.	SILT	56	%-BYWT	40.64		
GRAB	1	PHYS CHAR	.	CLAY	56	%-BYWT	58.31		

----- STATION=XIG5295 DATE=93-05-10 TIME=0 DEPTH=19 COUNTY=BA BASIN=2139997 LAT=3915090 LONG=7619320 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
GRAB	1	PHYS CHAR	.	WATER CONTENT	56	%-BYWT	61.19		
GRAB	1	PHYS CHAR	.	SAND	56	%-BYWT	0.43		
GRAB	1	PHYS CHAR	.	SILT	56	%-BYWT	43.87		
GRAB	1	PHYS CHAR	.	CLAY	56	%-BYWT	55.70		

--- STATION=XIG5402 DATE=92-11-04 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3915253 LONG=7620087 TIDE= WEATHER=PARTLY CLOUDY ---

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
GRAB	1	PHYS CHAR	.	WATER CONTENT	56	%-BYWT	21.35		
GRAB	1	PHYS CHAR	.	SAND	56	%-BYWT	88.52		
GRAB	1	PHYS CHAR	.	SILT	56	%-BYWT	1.82		
GRAB	1	PHYS CHAR	.	CLAY	56	%-BYWT	3.13		
GRAB	2	PHYS CHAR	.	WATER CONTENT	56	%-BYWT	30.57		
GRAB	2	PHYS CHAR	.	SAND	56	%-BYWT	94.63		
GRAB	2	PHYS CHAR	.	SILT	56	%-BYWT	1.98		
GRAB	2	PHYS CHAR	.	CLAY	56	%-BYWT	3.39		
GRAB	3	PHYS CHAR	.	WATER CONTENT	56	%-BYWT	32.09		
GRAB	3	PHYS CHAR	.	SAND	56	%-BYWT	95.05		
GRAB	3	PHYS CHAR	.	SILT	56	%-BYWT	4.22		

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHARACTERIZATION DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

124

--- STATION=XIG5402 DATE=92-11-04 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3915253 LONG=7620087 TIDE= WEATHER=PARTLY CLOUDY ----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.					
					VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	3	PHYS CHAR	.	.	CLAY	56	%-BYWT		7.26

----- STATION=XIG5402 DATE=93-05-10 TIME=0 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3915253 LONG=7620087 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.					
					VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		22.05
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		94.63
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		0.55
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		1.16
GRAB	2	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		24.27
GRAB	2	PHYS CHAR	.	.	SAND	56	%-BYWT		95.90
GRAB	2	PHYS CHAR	.	.	SILT	56	%-BYWT		0.98
GRAB	2	PHYS CHAR	.	.	CLAY	56	%-BYWT		3.12
GRAB	3	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		28.94
GRAB	3	PHYS CHAR	.	.	SAND	56	%-BYWT		98.29
GRAB	3	PHYS CHAR	.	.	SILT	56	%-BYWT		1.69
GRAB	3	PHYS CHAR	.	.	CLAY	56	%-BYWT		3.68

--- STATION=XIG5406 DATE=92-11-04 TIME=0 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3915241 LONG=7620329 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.					
					VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		21.84
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		97.49
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		1.24
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		1.28

----- STATION=XIG5406 DATE=93-05-10 TIME=0 DEPTH=11 COUNTY=BA BASIN=2139997 LAT=3915241 LONG=7620329 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.					
					VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		28.35
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		98.05
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		1.03
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		0.92

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHARACTERIZATION DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

125

--- STATION=X1G5699 DATE=92-11-04 TIME=0 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3915330 LONG=7619530 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.		WATER CONTENT	56	%-BYWT	37.17
GRAB	1	PHYS CHAR	.	.		SAND	56	%-BYWT	57.45
GRAB	1	PHYS CHAR	.	.		SILT	56	%-BYWT	12.72
GRAB	1	PHYS CHAR	.	.		CLAY	56	%-BYWT	19.16
GRAB	2	PHYS CHAR	.	.		WATER CONTENT	56	%-BYWT	38.94
GRAB	2	PHYS CHAR	.	.		SAND	56	%-BYWT	60.18
GRAB	2	PHYS CHAR	.	.		SILT	56	%-BYWT	16.11
GRAB	2	PHYS CHAR	.	.		CLAY	56	%-BYWT	23.72
GRAB	3	PHYS CHAR	.	.		WATER CONTENT	56	%-BYWT	44.58
GRAB	3	PHYS CHAR	.	.		SAND	56	%-BYWT	68.12
GRAB	3	PHYS CHAR	.	.		SILT	56	%-BYWT	17.54
GRAB	3	PHYS CHAR	.	.		CLAY	56	%-BYWT	25.01

----- STATION=X1G5699 DATE=93-05-10 TIME=0 DEPTH=17 COUNTY=BA BASIN=2139997 LAT=3915330 LONG=7619530 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.		WATER CONTENT	56	%-BYWT	39.69
GRAB	1	PHYS CHAR	.	.		SAND	56	%-BYWT	67.14
GRAB	1	PHYS CHAR	.	.		SILT	56	%-BYWT	13.61
GRAB	1	PHYS CHAR	.	.		CLAY	56	%-BYWT	18.47
GRAB	2	PHYS CHAR	.	.		WATER CONTENT	56	%-BYWT	40.32
GRAB	2	PHYS CHAR	.	.		SAND	56	%-BYWT	67.58
GRAB	2	PHYS CHAR	.	.		SILT	56	%-BYWT	13.79
GRAB	2	PHYS CHAR	.	.		CLAY	56	%-BYWT	18.69
GRAB	3	PHYS CHAR	.	.		WATER CONTENT	56	%-BYWT	40.92
GRAB	3	PHYS CHAR	.	.		SAND	56	%-BYWT	67.70
GRAB	3	PHYS CHAR	.	.		SILT	56	%-BYWT	13.95
GRAB	3	PHYS CHAR	.	.		CLAY	56	%-BYWT	19.07

--- STATION=X1G5702 DATE=92-11-04 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3915400 LONG=7620140 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.		WATER CONTENT	56	%-BYWT	27.60
GRAB	1	PHYS CHAR	.	.		SAND	56	%-BYWT	80.98
GRAB	1	PHYS CHAR	.	.		SILT	56	%-BYWT	8.48
GRAB	1	PHYS CHAR	.	.		CLAY	56	%-BYWT	10.54

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHARACTERIZATION DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

126

----- STATION=XIG5702 DATE=93-05-10 TIME=0 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3915400 LONG=7620140 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		31.54
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		84.27
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		6.20
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		9.54

--- STATION=XIG5805 DATE=92-11-04 TIME=0 DEPTH=11 COUNTY=BA BASIN=2139997 LAT=3915463 LONG=7620312 TIDE= WEATHER=PARTLY CLOUDY ---

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		28.74
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		91.06
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		3.98
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		4.96

----- STATION=XIG5805 DATE=93-05-10 TIME=0 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3915463 LONG=7620312 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
CORE	1	PHYS CHAR	0	4	WATER CONTENT	180	%-BYWT		46.96
CORE	1	PHYS CHAR	0	4	SAND	180	%-BYWT		48.08
CORE	1	PHYS CHAR	0	4	SILT	180	%-BYWT		26.10
CORE	1	PHYS CHAR	0	4	CLAY	180	%-BYWT		25.82
CORE	1	PHYS CHAR	4	8	WATER CONTENT	180	%-BYWT		38.76
CORE	1	PHYS CHAR	4	8	SAND	180	%-BYWT		34.58
CORE	1	PHYS CHAR	4	8	SILT	180	%-BYWT		39.90
CORE	1	PHYS CHAR	4	8	CLAY	180	%-BYWT		25.52
CORE	1	PHYS CHAR	8	12	WATER CONTENT	180	%-BYWT		36.58
CORE	1	PHYS CHAR	8	12	SAND	180	%-BYWT		19.43
CORE	1	PHYS CHAR	8	12	SILT	180	%-BYWT		57.84
CORE	1	PHYS CHAR	8	12	CLAY	180	%-BYWT		22.73
CORE	1	PHYS CHAR	18	22	WATER CONTENT	180	%-BYWT		28.45
CORE	1	PHYS CHAR	18	22	SAND	180	%-BYWT		91.73
CORE	1	PHYS CHAR	18	22	SILT	180	%-BYWT		4.14
CORE	1	PHYS CHAR	18	22	CLAY	180	%-BYWT		4.12
CORE	1	PHYS CHAR	26	30	WATER CONTENT	180	%-BYWT		31.68
CORE	1	PHYS CHAR	26	30	SAND	180	%-BYWT		78.89
CORE	1	PHYS CHAR	26	30	SILT	180	%-BYWT		9.50
CORE	1	PHYS CHAR	26	30	CLAY	180	%-BYWT		11.62

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHARACTERIZATION DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

127

----- STATION=XIG5805 DATE=93-05-10 TIME=0 DEPTH=11 COUNTY=BA BASIN=2139997 LAT=3915463 LONG=7620312 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		52.15
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		32.41
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		30.21
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		37.38

--- STATION=XIG5993 DATE=92-11-04 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3915556 LONG=7619169 TIDE= WEATHER=PARTLY CLOUDY ---

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		62.60
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		1.65
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		39.51
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		58.85

----- STATION=XIG5993 DATE=93-05-10 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3915556 LONG=7619169 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
CORE	1	PHYS CHAR	0	2	WATER CONTENT	180	%-BYWT		65.43
CORE	1	PHYS CHAR	0	2	SAND	180	%-BYWT		2.22
CORE	1	PHYS CHAR	0	2	SILT	180	%-BYWT		42.61
CORE	1	PHYS CHAR	0	2	CLAY	180	%-BYWT		55.16
CORE	1	PHYS CHAR	2	5	WATER CONTENT	180	%-BYWT		64.64
CORE	1	PHYS CHAR	2	5	SAND	180	%-BYWT		1.54
CORE	1	PHYS CHAR	2	5	SILT	180	%-BYWT		41.85
CORE	1	PHYS CHAR	2	5	CLAY	180	%-BYWT		56.61
CORE	1	PHYS CHAR	5	8	WATER CONTENT	180	%-BYWT		63.53
CORE	1	PHYS CHAR	5	8	SAND	180	%-BYWT		14.10
CORE	1	PHYS CHAR	5	8	SILT	180	%-BYWT		39.95
CORE	1	PHYS CHAR	5	8	CLAY	180	%-BYWT		58.64
CORE	1	PHYS CHAR	8	10	WATER CONTENT	180	%-BYWT		60.92
CORE	1	PHYS CHAR	8	10	SAND	180	%-BYWT		2.07
CORE	1	PHYS CHAR	8	10	SILT	180	%-BYWT		43.86
CORE	1	PHYS CHAR	8	10	CLAY	180	%-BYWT		54.08
CORE	1	PHYS CHAR	26	30	WATER CONTENT	180	%-BYWT		56.70
CORE	1	PHYS CHAR	26	30	SAND	180	%-BYWT		1.66
CORE	1	PHYS CHAR	26	30	SILT	180	%-BYWT		41.76
CORE	1	PHYS CHAR	26	30	CLAY	180	%-BYWT		56.58
CORE	1	PHYS CHAR	42	46	WATER CONTENT	180	%-BYWT		55.98
CORE	1	PHYS CHAR	42	46	SAND	180	%-BYWT		0.66
CORE	1	PHYS CHAR	42	46	SILT	180	%-BYWT		42.93
CORE	1	PHYS CHAR	42	46	CLAY	180	%-BYWT		56.40

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHARACTERIZATION DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

128

----- STATION=XIG5993 DATE=93-05-10 TIME=0 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3915556 LONG=7619169 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		65.35
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		1.67
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		40.19
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		58.14

--- STATION=XIG6307 DATE=92-11-04 TIME=0 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3916195 LONG=7620410 TIDE= WEATHER=PARTLY CLOUDY ---

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		58.68
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		2.16
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		45.74
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		52.10

----- STATION=XIG6307 DATE=93-05-10 TIME=0 DEPTH=11 COUNTY=BA BASIN=2139997 LAT=3916195 LONG=7620410 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		64.35
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		1.38
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		45.22
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		53.41

----- STATION=XIG6394 DATE=93-05-10 TIME=0 DEPTH=13 COUNTY=BA BASIN=2139997 LAT=3916200 LONG=7619260 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		64.54
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		0.43
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		39.58
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		59.99

--- STATION=XIG6395 DATE=92-11-04 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3916200 LONG=7619266 TIDE= WEATHER=PARTLY CLOUDY ---

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		67.18
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		0.51

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHARACTERIZATION DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

129

--- STATION=XIG6395 DATE=92-11-04 TIME=0 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3916200 LONG=7619266 TIDE= WEATHER=PARTLY CLOUDY ----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
GRAB	1	PHYS CHAR	:	:	SILT	56	%-BYWT		40.70
GRAB	1	PHYS CHAR	:	:	CLAY	56	%-BYWT		58.78

--- STATION=XIG6809 DATE=92-11-04 TIME=0 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3916480 LONG=7620550 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		64.89
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		0.22
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		42.36
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		57.41

----- STATION=XIG6809 DATE=93-05-10 TIME=0 DEPTH=11 COUNTY=BA BASIN=2139997 LAT=3916480 LONG=7620550 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		66.19
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		0.19
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		39.47
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		60.35

--- STATION=XIG6998 DATE=92-11-04 TIME=0 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3916540 LONG=7619470 TIDE= WEATHER=PARTLY CLOUDY ----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		61.36
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		0.80
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		43.07
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		56.13

----- STATION=XIG6998 DATE=93-05-10 TIME=0 DEPTH=11 COUNTY=BA BASIN=2139997 LAT=3916540 LONG=7619470 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		63.29
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		1.07
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		42.15

PRELIMINARY - 12TH YEAR HART-MILLER SEDIMENT CHARACTERIZATION DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

130

----- STATION=XIG6998 DATE=93-05-10 TIME=0 DEPTH=11 COUNTY=BA BASIN=2139997 LAT=3916540 LONG=7619470 TIDE= WEATHER=CLEAR -----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		56.78

--- STATION=XIG7589 DATE=92-11-04 TIME=0 DEPTH=10 COUNTY=BA BASIN=2139997 LAT=3917290 LONG=7618557 TIDE= WEATHER=PARTLY CLOUDY ---

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		29.89
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		78.41
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		9.96
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		10.64

----- STATION=XIG7589 DATE=93-05-10 TIME=0 DEPTH=9 COUNTY=BA BASIN=2139997 LAT=3917290 LONG=7618557 TIDE= WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	FROM CORE RANGE CM.	TO CORE RANGE CM.		METHOD	UNITS	REMARK	VALUE
				VARIABLE					
GRAB	1	PHYS CHAR	.	.	WATER CONTENT	56	%-BYWT		37.30
GRAB	1	PHYS CHAR	.	.	SAND	56	%-BYWT		68.84
GRAB	1	PHYS CHAR	.	.	SILT	56	%-BYWT		14.87
GRAB	1	PHYS CHAR	.	.	CLAY	56	%-BYWT		16.20

PRELIMINARY - 12TH YEAR HART-MILLER 'TISSUE CONTAMINANT' DATA  
ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
RESOURCE MONITORING DATABASE

131

---- STATION=XIF3325 DATE=93-04-01 TIME=923 DEPTH=19 COUNTY=BA BASIN=2139997 LAT=3913170 LONG=7622300 TIDE=FLOOD WEATHER=CLEAR ----

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	BRACKISH WATER CLAM	- TOTAL CHROMIUM	29	MG/KG		1.500 /
GRAB	1	BIOTA	BRACKISH WATER CLAM	- TOTAL NICKEL	34	MG/KG		2.100 /
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DDT	319	MG/KG	L	0.150
GRAB	1	BIOTA	BRACKISH WATER CLAM	DDD	319	MG/KG	L	0.150
GRAB	1	BIOTA	BRACKISH WATER CLAM	DDE	319	MG/KG	L	0.150
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL CHLORDANE	319	MG/KG	L	3.900
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ENDRIN	319	MG/KG	L	0.150
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL HEPTOCHLOR	319	MG/KG	L	0.150
GRAB	1	BIOTA	BRACKISH WATER CLAM	THPTCЛЕР	319	MG/KG	L	0.150
GRAB	1	BIOTA	BRACKISH WATER CLAM	ALDRIN	319	MG/KG	L	0.150
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIELDREN	319	MG/KG	L	0.150
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL MALATHION	318	MG/KG	L	57.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL IRON	40	MG/KG		1.700 /
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL MANGANESE	45	MG/KG		0.960 /
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ZINC	48	MG/KG		2.700 /
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL COPPER	51	MG/KG		0.190 /
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ATRAZIN	318	MG/KG	L	57.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIAZINON	318	MG/KG	L	57.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL METHYL PARA	318	MG/KG	L	57.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ETHYLPAR	318	MG/KG	L	57.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIBUPHTH	318	MG/KG	L	57.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. DIOCYL	318	MG/KG	L	57.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. DIETPTH	318	MG/KG	L	57.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. DIMEPTH	318	MG/KG	L	57.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BENZANT	318	MG/KG	L	23.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BENZPYR	318	MG/KG	L	23.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BENZFLR	318	MG/KG	L	23.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. CHRYSEN	318	MG/KG	L	23.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. ACENPHTH	318	MG/KG	L	23.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. ANTHRAC	318	MG/KG	L	23.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	FLUORENE	318	MG/KG	L	23.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	PHENANTHENE	318	MG/KG	L	23.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIBZAHIA	318	MG/KG	L	23.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	INDENO123	318	MG/KG	L	23.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL PYRENE	318	MG/KG	L	23.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ALPHA-BHC	319	MG/KG	L	0.150
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL BETA-BHC	319	MG/KG	L	0.150
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL TOXAPHENE	319	MG/KG	L	3.900
GRAB	1	BIOTA	BRACKISH WATER CLAM	G-BHC	319	MG/KG	L	0.150
GRAB	1	BIOTA	BRACKISH WATER CLAM	-PCB-1016	319	MG/KG	L	3.900
GRAB	1	BIOTA	BRACKISH WATER CLAM	-PCB-1221	319	MG/KG	L	3.900
GRAB	1	BIOTA	BRACKISH WATER CLAM	-PCB-1232	319	MG/KG	L	3.900
GRAB	1	BIOTA	BRACKISH WATER CLAM	-PCB-1242	319	MG/KG	L	3.900
GRAB	1	BIOTA	BRACKISH WATER CLAM	-PCB-1248	319	MG/KG	L	3.900
GRAB	1	BIOTA	BRACKISH WATER CLAM	-PCB-1254	319	MG/KG	L	3.900
GRAB	1	BIOTA	BRACKISH WATER CLAM	-PCB-1260	319	MG/KG	L	3.900
GRAB	1	BIOTA	MACOMA SP.	TOTAL CHROMIUM	29	MG/KG		0.360
GRAB	1	BIOTA	MACOMA SP.	TOTAL DDT	319	MG/KG	L	0.063
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ACENAPHTHYLE	318	MG/KG	L	23.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	LEINORON	318	MG/KG	L	57.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL BUTBEP	318	MG/KG	L	57.000

46 Records

193 Y should be E

PRELIMINARY - 12TH YEAR HART-MILLER 'TISSUE CONTAMINANT' DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

132

---- STATION=XIF3325 DATE=93-04-01 TIME=923 DEPTH=19 COUNTY=BA BASIN=2139997 LAT=3913170 LONG=7622300 TIDE=FLOOD WEATHER=CLEAR ----  
 (continued)

*Continued*

*so Records*

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL FLUORANTHENE	318	MG/KG	L	23.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL NAPHTHALENE	318	MG/KG	L	23.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	BISZETHHEX PHTAL	318	MG/KG	L	57.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TRIFLURALINE	318	MG/KG	L	57.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	<u>BENZO(B)FLURANThENE</u>	318	MG/KG	L	23.000
GRAB	1	BIOTA	MACOMA SP.	TOTAL MALATHION	318	MG/KG	L	13.000
GRAB	1	BIOTA	MACOMA SP.	TOTAL NICKEL	34	MG/KG		0.480
GRAB	1	BIOTA	MACOMA SP.	TOTAL IRON	40	MG/KG		0.400
GRAB	1	BIOTA	MACOMA SP.	DDD	319	MG/KG	L	0.063
GRAB	1	BIOTA	MACOMA SP.	DDE	319	MG/KG	L	0.063
GRAB	1	BIOTA	MACOMA SP.	TOTAL CHLORDANE	319	MG/KG	L	1.600
GRAB	1	BIOTA	MACOMA SP.	TOTAL ENDRIN	319	MG/KG	L	0.063
GRAB	1	BIOTA	MACOMA SP.	TOTAL HEPTOCHLOR	319	MG/KG	L	0.063
GRAB	1	BIOTA	MACOMA SP.	THPTClep	319	MG/KG	L	0.063
GRAB	1	BIOTA	MACOMA SP.	ALDRIN	319	MG/KG	L	0.063
GRAB	1	BIOTA	MACOMA SP.	TOTAL DIELDREN	319	MG/KG	L	0.063
GRAB	1	BIOTA	MACOMA SP.	TOTAL ALPHA-BHC	319	MG/KG	L	0.063
GRAB	1	BIOTA	MACOMA SP.	TOTAL ATRAZIN	318	MG/KG	L	13.000
GRAB	1	BIOTA	MACOMA SP.	TOTAL MANGANESE	45	MG/KG		0.220
GRAB	1	BIOTA	MACOMA SP.	TOTAL ZINC	48	MG/KG		0.610
GRAB	1	BIOTA	MACOMA SP.	TOTAL COPPER	51	MG/KG		0.044
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL CHROMIUM	29	MG/KG		1.100
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL NICKEL	34	MG/KG		1.500
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL IRON	40	MG/KG		1.200
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL MANGANESE	45	MG/KG		0.660
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL ZINC	48	MG/KG		1.800
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL COPPER	51	MG/KG		0.130
GRAB	1	BIOTA	MACOMA SP.	TOTAL DIAZINON	318	MG/KG	L	13.000
GRAB	1	BIOTA	MACOMA SP.	TOTAL METHYL PARA	318	MG/KG	L	13.000
GRAB	1	BIOTA	MACOMA SP.	TOTAL ETHYLPAR	318	MG/KG	L	13.000
GRAB	1	BIOTA	MACOMA SP.	TOTAL DIBUPHT	318	MG/KG	L	13.000
GRAB	1	BIOTA	MACOMA SP.	TOT. DI OCTYL	318	MG/KG	L	13.000
GRAB	1	BIOTA	MACOMA SP.	TOT. DI ETPTH	318	MG/KG	L	13.000
GRAB	1	BIOTA	MACOMA SP.	TOT. DIMEPTH	318	MG/KG	L	13.000
GRAB	1	BIOTA	MACOMA SP.	TOT. BENZANT	318	MG/KG	L	5.200
GRAB	1	BIOTA	MACOMA SP.	TOT. BENZPYR	318	MG/KG	L	5.200
GRAB	1	BIOTA	MACOMA SP.	TOT. BENZFLR	318	MG/KG	L	5.200
GRAB	1	BIOTA	MACOMA SP.	TOT. CHRYSEN	318	MG/KG	L	5.200
GRAB	1	BIOTA	MACOMA SP.	TOT. ACENPTH	318	MG/KG	L	5.200
GRAB	1	BIOTA	MACOMA SP.	TOT. ANTHRAC	318	MG/KG	L	5.200
GRAB	1	BIOTA	MACOMA SP.	FLUORENE	318	MG/KG	L	5.200
GRAB	1	BIOTA	MACOMA SP.	PHENANTHENE	318	MG/KG	L	5.200
GRAB	1	BIOTA	MACOMA SP.	TOTAL DIBZABA	318	MG/KG	L	5.200
GRAB	1	BIOTA	MACOMA SP.	INDENO123	318	MG/KG	L	5.200
GRAB	1	BIOTA	MACOMA SP.	<u>TOTAL PYRENE</u>	318	MG/KG	L	5.200
GRAB	1	BIOTA	MACOMA SP.	TOTAL BETA-BHC	319	MG/KG	L	0.063
GRAB	1	BIOTA	MACOMA SP.	TOTAL TOXAPHENE	319	MG/KG	L	1.600
GRAB	1	BIOTA	MACOMA SP.	G-BHC	319	MG/KG	L	0.063
GRAB	1	BIOTA	MACOMA SP.	PCB-1016	319	MG/KG	L	1.600
GRAB	1	BIOTA	MACOMA SP.	PCB-1221	319	MG/KG	L	1.600

194

Macoma sp. Rep 1  
 set was missing Cadmium  
 in the Report

Missing Cadmium

89

144

107

108

PRELIMINARY - 12TH YEAR HART-MILLER 'TISSUE CONTAMINANT' DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

133

---- STATION=XIF3325 DATE=93-04-01 TIME=923 DEPTH=19 COUNTY=BA BASIN=2139997 LAT=3913170 LONG=7622300 TIDE=FLOOD WEATHER=CLEAR ----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	MACOMA SP.	PCB-1232	319	MG/KG	L	1.6
GRAB	1	BIOTA	MACOMA SP.	PCB-1242	319	MG/KG	L	1.6
GRAB	1	BIOTA	MACOMA SP.	PCB-1248	319	MG/KG	L	1.6
GRAB	1	BIOTA	MACOMA SP.	PCB-1254	319	MG/KG	L	1.6
GRAB	1	BIOTA	MACOMA SP.	PCB-1260	319	MG/KG	L	1.6
GRAB	1	BIOTA	46 MACOMA SP.	TOTAL DDT	319	MG/KG	L	0.1
GRAB	1	BIOTA	CYATHURA POLITA	DDD	319	MG/KG	L	0.1
GRAB	1	BIOTA	CYATHURA POLITA	DDE	319	MG/KG	L	0.1
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL CHLORDANE	319	MG/KG	L	2.6
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL ENDRIN	319	MG/KG	L	0.1
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL HEPTOCHLOR	319	MG/KG	L	0.1
GRAB	1	BIOTA	CYATHURA POLITA	THPTClep	319	MG/KG	L	0.1
GRAB	1	BIOTA	CYATHURA POLITA	ALDRIN	319	MG/KG	L	0.1
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL DIELDREN	319	MG/KG	L	0.1
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL ALPHA-BHC	319	MG/KG	L	0.1
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL BETA-BHC	319	MG/KG	L	0.1
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL TOXAPHENE	319	MG/KG	L	2.6
GRAB	1	BIOTA	CYATHURA POLITA	G-BHC	319	MG/KG	L	0.1
GRAB	1	BIOTA	CYATHURA POLITA	PCB-1016	319	MG/KG	L	2.6
GRAB	1	BIOTA	CYATHURA POLITA	PCB-1221	319	MG/KG	L	2.6
GRAB	1	BIOTA	CYATHURA POLITA	PCB-1232	319	MG/KG	L	2.6
GRAB	1	BIOTA	CYATHURA POLITA	PCB-1242	319	MG/KG	L	2.6
GRAB	1	BIOTA	CYATHURA POLITA	PCB-1248	319	MG/KG	L	2.6
GRAB	1	BIOTA	CYATHURA POLITA	PCB-1254	319	MG/KG	L	2.6
GRAB	1	BIOTA	20 CYATHURA POLITA	PCB-1260	319	MG/KG	L	2.6
GRAB	1	BIOTA	MACOMA SP.	TOTAL ACENAPHTHYLE	318	MG/KG	L	5.2
GRAB	1	BIOTA	MACOMA SP.	LINURON	318	MG/KG	L	13.0
GRAB	1	BIOTA	MACOMA SP.	TOTAL BUTBEP	318	MG/KG	L	13.0
GRAB	1	BIOTA	MACOMA SP.	TOTAL FLUORANTHENE	318	MG/KG	L	5.2
GRAB	1	BIOTA	MACOMA SP.	TOTAL NAPHTHALENE	318	MG/KG	L	5.2
GRAB	1	BIOTA	MACOMA SP.	BIS2ETHHEX PHTAL	318	MG/KG	L	13.0
GRAB	1	BIOTA	MACOMA SP.	TRIFLURALINE	318	MG/KG	L	13.0
GRAB	1	BIOTA	54 MACOMA SP.	BENZO(B)FLURANThENE	318	MG/KG	L	5.2
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL MALATHION	318	MG/KG	L	69.0
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL ATRAZIN	318	MG/KG	L	69.0
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL DIAZINON	318	MG/KG	L	69.0
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL METHYL PARA	318	MG/KG	L	69.0
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL ETHYLPAR	318	MG/KG	L	69.0
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL DIBUPHT	318	MG/KG	L	69.0
GRAB	1	BIOTA	CYATHURA POLITA	TOT. DIOCTYL	318	MG/KG	L	69.0
GRAB	1	BIOTA	CYATHURA POLITA	TOT. DIETPHT	318	MG/KG	L	69.0
GRAB	1	BIOTA	CYATHURA POLITA	TOT. DIMEPTH	318	MG/KG	L	69.0
GRAB	1	BIOTA	20 CYATHURA POLITA	TOT. BENZANT	318	MG/KG	L	28.0
GRAB	1	BIOTA	CYATHURA POLITA	TOT. BENZPYR	318	MG/KG	L	28.0
GRAB	1	BIOTA	CYATHURA POLITA	TOT. BENZFLR	318	MG/KG	L	28.0
GRAB	1	BIOTA	CYATHURA POLITA	TOT. CHRYSEN	318	MG/KG	L	28.0
GRAB	1	BIOTA	CYATHURA POLITA	TOT. ACENPHT	318	MG/KG	L	28.0
GRAB	1	BIOTA	CYATHURA POLITA	TOT. ANTHRAC	318	MG/KG	L	28.0
GRAB	1	BIOTA	CYATHURA POLITA	FLUORENE	318	MG/KG	L	28.0
GRAB	1	BIOTA	37 CYATHURA POLITA	PHENANTHENE	318	MG/KG	L	28.0

Record was blank in electron file blank

PRELIMINARY - 12TH YEAR HART-MILLER 'TISSUE CONTAMINANT' DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

134

---- STATION=XIF3325 DATE=93-04-01 TIME=923 DEPTH=19 COUNTY=BA BASIN=2139997 LAT=3913170 LONG=7622300 TIDE=FLOOD WEATHER=CLEAR ----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL DIBZAH	318	MG/KG	L	28.00
GRAB	1	BIOTA	CYATHURA POLITA	INDENO123	318	MG/KG	L	28.00
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL PYRENE	318	MG/KG	L	28.00
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL ACENAPHTHYLE	318	MG/KG	L	28.00
GRAB	1	BIOTA	CYATHURA POLITA	LINURON	318	MG/KG	L	69.00
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL BUTBEP	318	MG/KG	L	69.00
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL FLUORANTHENE	318	MG/KG	L	28.00
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL NAPHTHALENE	318	MG/KG	L	28.00
GRAB	1	BIOTA	CYATHURA POLITA	BIS2ETHHEX PHTAL	318	MG/KG		925.00
GRAB	1	BIOTA	CYATHURA POLITA	TRIFLURALINE	318	MG/KG	L	69.00
GRAB	1	BIOTA	CYATHURA POLITA	BENZO(B)FLURANTHENE	318	MG/KG	L	28.00
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL PYRENE	318	MG/KG	L	23.00
GRAB	2	BIOTA	MACOMA SP.	TOTAL CHROMIUM	29	MG/KG		1.70
GRAB	2	BIOTA	MACOMA SP.	TOTAL NICKEL	34	MG/KG		2.30
GRAB	2	BIOTA	MACOMA SP.	TOTAL DDT	319	MG/KG	L	0.29
GRAB	2	BIOTA	MACOMA SP.	DDD	319	MG/KG	L	0.29
GRAB	2	BIOTA	MACOMA SP.	DDE	319	MG/KG	L	0.29
GRAB	2	BIOTA	MACOMA SP.	TOTAL CHLORDANE	319	MG/KG	L	7.30
GRAB	2	BIOTA	MACOMA SP.	TOTAL ENDRIN	319	MG/KG	L	0.29
GRAB	2	BIOTA	MACOMA SP.	TOTAL HEPTOCHLOR	319	MG/KG	L	0.29
GRAB	2	BIOTA	MACOMA SP.	THPTCLEP	319	MG/KG	L	0.29
GRAB	2	BIOTA	MACOMA SP.	ALDRIN	319	MG/KG	L	0.29
GRAB	2	BIOTA	MACOMA SP.	TOTAL DIELDREN	319	MG/KG	L	0.29
GRAB	2	BIOTA	MACOMA SP.	TOTAL MALATHION	318	MG/KG	L	42.00
GRAB	2	BIOTA	MACOMA SP.	TOTAL IRON	40	MG/KG		1.90
GRAB	2	BIOTA	MACOMA SP.	TOTAL MANGANESE	45	MG/KG		1.00
GRAB	2	BIOTA	MACOMA SP.	TOTAL ZINC	48	MG/KG		2.90
GRAB	2	BIOTA	MACOMA SP.	TOTAL COPPER	51	MG/KG		0.21
GRAB	2	BIOTA	MACOMA SP.	TOTAL ATRAZIN	318	MG/KG	L	42.00
GRAB	2	BIOTA	MACOMA SP.	TOTAL DIAZINON	318	MG/KG	L	42.00
GRAB	2	BIOTA	MACOMA SP.	TOTAL METHYL PARA	318	MG/KG	L	42.00
GRAB	2	BIOTA	MACOMA SP.	TOTAL ETHYLPAR	318	MG/KG	L	42.00
GRAB	2	BIOTA	MACOMA SP.	TOTAL DIBUPHT	318	MG/KG	L	42.00
GRAB	2	BIOTA	MACOMA SP.	TOT. DI OCTYL	318	MG/KG	L	42.00
GRAB	2	BIOTA	MACOMA SP.	TOT. DI ETPTH	318	MG/KG	L	42.00
GRAB	2	BIOTA	MACOMA SP.	TOT. DIMEPTH	318	MG/KG	L	42.00
GRAB	2	BIOTA	MACOMA SP.	TOT. BENZANT	318	MG/KG	L	17.00
GRAB	2	BIOTA	MACOMA SP.	TOT. BENZPYR	318	MG/KG	L	17.00
GRAB	2	BIOTA	MACOMA SP.	TOT. BENZFLR	318	MG/KG	L	17.00
GRAB	2	BIOTA	MACOMA SP.	TOT. CHRYSN	318	MG/KG	L	17.00
GRAB	2	BIOTA	MACOMA SP.	TOT. ACENPHT	318	MG/KG	L	17.00
GRAB	2	BIOTA	MACOMA SP.	TOT. ANTHRAC	318	MG/KG	L	17.00
GRAB	2	BIOTA	MACOMA SP.	FLUORENE	318	MG/KG	L	17.00
GRAB	2	BIOTA	MACOMA SP.	PHENANTHENE	318	MG/KG	L	17.00
GRAB	2	BIOTA	MACOMA SP.	TOTAL DIBZAH	318	MG/KG	L	17.00
GRAB	2	BIOTA	MACOMA SP.	INDENO123	318	MG/KG	L	17.00
GRAB	2	BIOTA	MACOMA SP.	TOTAL PYRENE	318	MG/KG	L	5.20
GRAB	2	BIOTA	MACOMA SP.	TOTAL ALPHA-BHC	319	MG/KG	L	0.29
GRAB	2	BIOTA	MACOMA SP.	TOTAL BETA-BHC	319	MG/KG	L	0.29
GRAB	2	BIOTA	MACOMA SP.	TOTAL TOXAPHENE	319	MG/KG	L	7.30

PRELIMINARY - 12TH YEAR HART-MILLER 'TISSUE CONTAMINANT' DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

135

---- STATION=X1F3325 DATE=93-04-01 TIME=923 DEPTH=19 COUNTY=BA BASIN=2139997 LAT=3913170 LONG=7622300 TIDE=FLOOD WEATHER=CLEAR ----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	2	BIOTA	MACOMA SP.	G-BHC	319	MG/KG	L	0.29
GRAB	2	BIOTA	MACOMA SP.	PCB-1016	319	MG/KG	L	7.30
GRAB	2	BIOTA	MACOMA SP.	PCB-1221	319	MG/KG	L	7.30
GRAB	2	BIOTA	MACOMA SP.	PCB-1232	319	MG/KG	L	7.30
GRAB	2	BIOTA	MACOMA SP.	PCB-1242	319	MG/KG	L	7.30
GRAB	2	BIOTA	MACOMA SP.	PCB-1248	319	MG/KG	L	7.30
GRAB	2	BIOTA	MACOMA SP.	PCB-1254	319	MG/KG	L	7.30
GRAB	2	BIOTA	MACOMA SP.	PCB-1260	319	MG/KG	L	7.30
GRAB	2	BIOTA	MACOMA SP.	TOTAL ACENAPHTHYLE	318	MG/KG	L	17.00
GRAB	2	BIOTA	MACOMA SP.	LINURON	318	MG/KG	L	42.00
GRAB	2	BIOTA	MACOMA SP.	TOTAL BUTBEP	318	MG/KG	L	42.00
GRAB	2	BIOTA	MACOMA SP.	TOTAL FLUORANTHENE	318	MG/KG	L	17.00
GRAB	2	BIOTA	MACOMA SP.	TOTAL NApthALENE	318	MG/KG	L	17.00
GRAB	2	BIOTA	MACOMA SP.	BISZETHHEX PHTAL	318	MG/KG	L	42.00
GRAB	2	BIOTA	MACOMA SP.	TRIFLURALINE	318	MG/KG	L	42.00
GRAB	2	BIOTA	MACOMA SP.	BENZO(B)FLURANTHENE	318	MG/KG	L	17.00
GRAB	2	BIOTA	CYATHURA POLITA	TOTAL PYRENE	318	MG/KG	L	28.00
GRAB	3	BIOTA	MACOMA SP.	TOTAL PYRENE	318	MG/KG	L	17.00
GRAB	4	BIOTA	MACOMA SP.	TOTAL PYRENE	318	MG/KG	L	17.00

---- STATION=X1F4327 DATE=93-04-01 TIME=1015 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3914170 LONG=7622410 TIDE=FLOOD WEATHER=CLEAR ----

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	MACOMA SP.	TOTAL CHROMIUM	29	MG/KG		0.750
GRAB	1	BIOTA	MACOMA SP.	TOTAL NICKEL	34	MG/KG		1.000
GRAB	1	BIOTA	MACOMA SP.	TOTAL DDT	319	MG/KG	L	0.050
GRAB	1	BIOTA	MACOMA SP.	DDD	319	MG/KG	L	0.050
GRAB	1	BIOTA	MACOMA SP.	DDE	319	MG/KG	L	0.050
GRAB	1	BIOTA	MACOMA SP.	TOTAL CHLORDANE	319	MG/KG	L	1.300
GRAB	1	BIOTA	MACOMA SP.	TOTAL ENDRIN	319	MG/KG	L	0.050
GRAB	1	BIOTA	MACOMA SP.	TOTAL HEPTOCHLOR	319	MG/KG	L	0.050
GRAB	1	BIOTA	MACOMA SP.	THPTCLEP	319	MG/KG	L	0.050
GRAB	1	BIOTA	MACOMA SP.	ALDRIN	319	MG/KG	L	0.050
GRAB	1	BIOTA	MACOMA SP.	TOTAL DIELDREN	319	MG/KG	L	0.050
GRAB	1	BIOTA	MACOMA SP.	TOTAL MALATHION	318	MG/KG	L	34.000
GRAB	1	BIOTA	MACOMA SP.	TOTAL IRON	40	MG/KG		0.830
GRAB	1	BIOTA	MACOMA SP.	TOTAL MANGANESE	45	MG/KG		0.460
GRAB	1	BIOTA	MACOMA SP.	TOTAL ZINC	48	MG/KG		1.300
GRAB	1	BIOTA	MACOMA SP.	TOTAL COPPER	51	MG/KG		0.093
GRAB	1	BIOTA	MACOMA SP.	TOTAL ATRAZIN	318	MG/KG	L	34.000
GRAB	1	BIOTA	MACOMA SP.	TOTAL DIAZINON	318	MG/KG	L	34.000
GRAB	1	BIOTA	MACOMA SP.	TOTAL METHYL PARA	318	MG/KG	L	34.000
GRAB	1	BIOTA	MACOMA SP.	TOTAL ETHYLPAR	318	MG/KG	L	34.000
GRAB	1	BIOTA	MACOMA SP.	TOTAL DIBUPH	318	MG/KG	L	34.000
GRAB	1	BIOTA	MACOMA SP.	TOT. DIOCYL	318	MG/KG	L	34.000
GRAB	1	BIOTA	MACOMA SP.	TOT. DIETPTH	318	MG/KG	L	34.000
GRAB	1	BIOTA	MACOMA SP.	TOT. DIMEPTH	318	MG/KG	L	34.000

197  
 Cadmium was given in the  
 electronic file

PRELIMINARY - 12TH YEAR HART-MILLER 'TISSUE CONTAMINANT' DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

136

---- STATION=XIF4327 DATE=93-04-01 TIME=1015 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3914170 LONG=7622410 TIDE=FLOOD WEATHER=CLEAR ----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	MACOMA SP.	TOT. BENZANT	318	MG/KG	L	13.00
GRAB	1	BIOTA	MACOMA SP.	TOT. BENZPYR	318	MG/KG	L	13.00
GRAB	1	BIOTA	MACOMA SP.	TOT. BENZFLR	318	MG/KG	L	13.00
GRAB	1	BIOTA	MACOMA SP.	TOT. CHRYSEN	318	MG/KG	L	13.00
GRAB	1	BIOTA	MACOMA SP.	TOT. ACENPHTH	318	MG/KG	L	13.00
GRAB	1	BIOTA	MACOMA SP.	TOT. ANTHRAC	318	MG/KG	L	13.00
GRAB	1	BIOTA	MACOMA SP.	FLUORENE	318	MG/KG	L	13.00
GRAB	1	BIOTA	MACOMA SP.	PHENANTHENE	318	MG/KG	L	13.00
GRAB	1	BIOTA	MACOMA SP.	TOTAL DIBZABA	318	MG/KG	L	13.00
GRAB	1	BIOTA	MACOMA SP.	INDENO123	318	MG/KG	L	13.00
GRAB	1	BIOTA	MACOMA SP.	TOTAL PYRENE	318	MG/KG	L	13.00
GRAB	1	BIOTA	MACOMA SP.	TOTAL ALPHA-BHC	319	MG/KG	L	0.05
GRAB	1	BIOTA	MACOMA SP.	TOTAL BETA-BHC	319	MG/KG	L	0.05
GRAB	1	BIOTA	MACOMA SP.	TOTAL TOXAPHENE	319	MG/KG	L	1.30
GRAB	1	BIOTA	MACOMA SP.	G-BHC	319	MG/KG	L	0.05
GRAB	1	BIOTA	MACOMA SP.	PCB-1016	319	MG/KG	L	1.30
GRAB	1	BIOTA	MACOMA SP.	PCB-1221	319	MG/KG	L	1.30
GRAB	1	BIOTA	MACOMA SP.	PCB-1232	319	MG/KG	L	1.30
GRAB	1	BIOTA	MACOMA SP.	PCB-1242	319	MG/KG	L	1.30
GRAB	1	BIOTA	MACOMA SP.	PCB-1248	319	MG/KG	L	1.30
GRAB	1	BIOTA	MACOMA SP.	PCB-1254	319	MG/KG	L	1.30
GRAB	1	BIOTA	MACOMA SP.	PCB-1260	319	MG/KG	L	1.30
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL CHROMIUM	29	MG/KG		1.00
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL NICKEL	34	MG/KG		1.40
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL DDT	319	MG/KG	L	0.13
GRAB	1	BIOTA	CYATHURA POLITA	DDD	319	MG/KG	L	0.13
GRAB	1	BIOTA	CYATHURA POLITA	DDE	319	MG/KG	L	0.13
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL CHLORDANE	319	MG/KG	L	3.20
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL ENDRIN	319	MG/KG	L	0.13
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL HEPTOCHLOR	319	MG/KG	L	0.13
GRAB	1	BIOTA	CYATHURA POLITA	THPTCLEP	319	MG/KG	L	0.13
GRAB	1	BIOTA	CYATHURA POLITA	ALDRIN	319	MG/KG	L	0.13
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL DIELDREN	319	MG/KG	L	0.13
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL IRON	40	MG/KG		1.10
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL MANGANESE	45	MG/KG		0.63
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL ZINC	48	MG/KG		1.80
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL COPPER	51	MG/KG		0.13
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL ALPHA-BHC	319	MG/KG	L	0.13
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL BETA-BHC	319	MG/KG	L	0.13
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL TOXAPHENE	319	MG/KG	L	3.20
GRAB	1	BIOTA	CYATHURA POLITA	G-BHC	319	MG/KG	L	0.13
GRAB	1	BIOTA	CYATHURA POLITA	PCB-1016	319	MG/KG	L	3.20
GRAB	1	BIOTA	CYATHURA POLITA	PCB-1221	319	MG/KG	L	3.20
GRAB	1	BIOTA	CYATHURA POLITA	PCB-1232	319	MG/KG	L	3.20
GRAB	1	BIOTA	CYATHURA POLITA	PCB-1242	319	MG/KG	L	3.20
GRAB	1	BIOTA	CYATHURA POLITA	PCB-1248	319	MG/KG	L	3.20
GRAB	1	BIOTA	CYATHURA POLITA	PCB-1254	319	MG/KG	L	3.20
GRAB	1	BIOTA	CYATHURA POLITA	PCB-1260	319	MG/KG	L	3.20
GRAB	1	BIOTA	MACOMA SP.	TOTAL ACENAPHTHYLE	318	MG/KG	L	13.00
GRAB	1	BIOTA	MACOMA SP.	LINURON	318	MG/KG	L	34.00

PRELIMINARY - 12TH YEAR HART-MILLER 'TISSUE CONTAMINANT' DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

137

---- STATION=XIF4327 DATE=93-04-01 TIME=1015 DEPTH=12 COUNTY=BA BASIN=2139997 LAT=3914170 LONG=7622410 TIDE=FLOOD WEATHER=CLEAR ----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	MACOMA SP.	TOTAL BUTBEP	318	MG/KG	L	34
GRAB	1	BIOTA	MACOMA SP.	TOTAL FLUORANTHENE	318	MG/KG	L	13
GRAB	1	BIOTA	MACOMA SP.	TOTAL NAPHTHALENE	318	MG/KG	L	13
GRAB	1	BIOTA	MACOMA SP.	BIS2ETHHEX PHTAL	318	MG/KG	L	42
GRAB	1	BIOTA	MACOMA SP.	TRIFLURALINE	318	MG/KG	L	34
GRAB	1	BIOTA	MACOMA SP.	BENZO(B)FLURANTHENE	318	MG/KG	L	13
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL MALATHION	318	MG/KG	L	20
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL ATRAZIN	318	MG/KG	L	20
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL DIAZINON	318	MG/KG	L	20
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL METHYL PARA	318	MG/KG	L	20
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL ETHYLPAR	318	MG/KG	L	20
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL DIBUPHT	318	MG/KG	L	20
GRAB	1	BIOTA	CYATHURA POLITA	TOT. DIOCYL	318	MG/KG	L	20
GRAB	1	BIOTA	CYATHURA POLITA	TOT. DIETPTH	318	MG/KG	L	20
GRAB	1	BIOTA	CYATHURA POLITA	TOT. DIMEPTH	318	MG/KG	L	20
GRAB	1	BIOTA	CYATHURA POLITA	TOT. BENZANT	318	MG/KG	L	8
GRAB	1	BIOTA	CYATHURA POLITA	TOT. BENZPYR	318	MG/KG	L	8
GRAB	1	BIOTA	CYATHURA POLITA	TOT. BENZFLR	318	MG/KG	L	8
GRAB	1	BIOTA	CYATHURA POLITA	TOT. CHRYSEN	318	MG/KG	L	8
GRAB	1	BIOTA	CYATHURA POLITA	TOT. ACENPHTH	318	MG/KG	L	8
GRAB	1	BIOTA	CYATHURA POLITA	TOT. ANTHRAC	318	MG/KG	L	8
GRAB	1	BIOTA	CYATHURA POLITA	FLUORENE	318	MG/KG	L	8
GRAB	1	BIOTA	CYATHURA POLITA	PHENANTHENE	318	MG/KG	L	8
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL DIBZAH	318	MG/KG	L	8
GRAB	1	BIOTA	CYATHURA POLITA	INDENO123	318	MG/KG	L	8
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL PYRENE	318	MG/KG	L	8
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL ACENAPHTHYLE	318	MG/KG	L	8
GRAB	1	BIOTA	CYATHURA POLITA	LINURON	318	MG/KG	L	20
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL BUTBEP	318	MG/KG	L	20
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL FLUORANTHENE	318	MG/KG	L	8
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL NAPHTHALENE	318	MG/KG	L	8
GRAB	1	BIOTA	CYATHURA POLITA	BIS2ETHHEX PHTAL	318	MG/KG	L	20
GRAB	1	BIOTA	CYATHURA POLITA	TRIFLURALINE	318	MG/KG	L	20
GRAB	1	BIOTA	CYATHURA POLITA	BENZO(B)FLURANTHENE	318	MG/KG	L	8
GRAB	2	BIOTA	MACOMA SP.	TOTAL PYRENE	318	MG/KG	L	13
GRAB	2	BIOTA	CYATHURA POLITA	TOTAL PYRENE	318	MG/KG	L	8

---- STATION=XIF4426 DATE=93-04-01 TIME=1041 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3914210 LONG=7622360 TIDE=FLOOD WEATHER=CLEAR ----

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL DDT	319	MG/KG	L	0.22
GRAB	1	BIOTA	CYATHURA POLITA	DDD	319	MG/KG	L	0.22
GRAB	1	BIOTA	CYATHURA POLITA	DDE	319	MG/KG	L	0.22
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL CHLORDANE	319	MG/KG	L	5.50
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL ENDRIN	319	MG/KG	L	0.22
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL HEPTOCHLOR	319	MG/KG	L	0.22
GRAB	1	BIOTA	CYATHURA POLITA	THPTCLEP	319	MG/KG	L	0.22

PRELIMINARY - 12TH YEAR HART-MILLER 'TISSUE CONTAMINANT' DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

138

---- STATION=XIF4426 DATE=93-04-01 TIME=1041 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3914210 LONG=7622360 TIDE=FLOOD WEATHER=CLEAR ----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	CYATHURA POLITA	ALDRIN	319	MG/KG	L	0.22
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL DIELDREN	319	MG/KG	L	0.22
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL MALATHION	318	MG/KG	L	12.00
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL ATRAZIN	318	MG/KG	L	12.00
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL DIAZINON	318	MG/KG	L	12.00
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL METHYL PARA	318	MG/KG	L	12.00
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL ETHYLPAR	318	MG/KG	L	12.00
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL DIBUPHT	318	MG/KG	L	12.00
GRAB	1	BIOTA	CYATHURA POLITA	TOT. DIOCTYL	318	MG/KG	L	12.00
GRAB	1	BIOTA	CYATHURA POLITA	TOT. DIETPTH	318	MG/KG	L	12.00
GRAB	1	BIOTA	CYATHURA POLITA	TOT. DIMEPTH	318	MG/KG	L	12.00
GRAB	1	BIOTA	CYATHURA POLITA	TOT. BENZANT	318	MG/KG	L	4.70
GRAB	1	BIOTA	CYATHURA POLITA	TOT. BENZPYR	318	MG/KG	L	4.70
GRAB	1	BIOTA	CYATHURA POLITA	TOT. BENZFLR	318	MG/KG	L	4.70
GRAB	1	BIOTA	CYATHURA POLITA	TOT. CHRYSEN	318	MG/KG	L	4.70
GRAB	1	BIOTA	CYATHURA POLITA	TOT. ACENPHTH	318	MG/KG	L	4.70
GRAB	1	BIOTA	CYATHURA POLITA	TOT. ANTHRAC	318	MG/KG	L	4.70
GRAB	1	BIOTA	CYATHURA POLITA	FLUORENE	318	MG/KG	L	4.70
GRAB	1	BIOTA	CYATHURA POLITA	PHENANTHENE	318	MG/KG	L	4.70
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL DIBZABA	318	MG/KG	L	4.70
GRAB	1	BIOTA	CYATHURA POLITA	INDENO123	318	MG/KG	L	4.70
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL PYRENE	318	MG/KG	L	4.70
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL ALPHA-BHC	319	MG/KG	L	0.22
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL BETA-BHC	319	MG/KG	L	0.22
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL TOXAPHENE	319	MG/KG	L	5.50
GRAB	1	BIOTA	CYATHURA POLITA	G-BHC	319	MG/KG	L	0.22
GRAB	1	BIOTA	CYATHURA POLITA	PCB-1016	319	MG/KG	L	5.50
GRAB	1	BIOTA	CYATHURA POLITA	PCB-1221	319	MG/KG	L	5.50
GRAB	1	BIOTA	CYATHURA POLITA	PCB-1232	319	MG/KG	L	5.50
GRAB	1	BIOTA	CYATHURA POLITA	PCB-1242	319	MG/KG	L	5.50
GRAB	1	BIOTA	CYATHURA POLITA	PCB-1248	319	MG/KG	L	5.50
GRAB	1	BIOTA	CYATHURA POLITA	PCB-1254	319	MG/KG	L	5.50
GRAB	1	BIOTA	CYATHURA POLITA	PCB-1260	319	MG/KG	L	5.50
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL ACENAPHTHYLE	318	MG/KG	L	4.70
GRAB	1	BIOTA	CYATHURA POLITA	LINURON	318	MG/KG	L	12.00
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL BUTBEP	318	MG/KG	L	12.00
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL FLUORANTHENE	318	MG/KG	L	4.70
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL NAPHTHALENE	318	MG/KG	L	4.70
GRAB	1	BIOTA	CYATHURA POLITA	BIS2ETHHEX PHTAL	318	MG/KG	L	12.00
GRAB	1	BIOTA	CYATHURA POLITA	TRIFLURALINE	318	MG/KG	L	12.00
GRAB	1	BIOTA	CYATHURA POLITA	BENZO(B)FLURANTHENE	318	MG/KG	L	4.70
GRAB	2	BIOTA	CYATHURA POLITA	TOTAL PYRENE	318	MG/KG	L	4.70

---- STATION=XIF4426 DATE=93-04-01 TIME=1041 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3914260 LONG=7622360 TIDE=FLOOD WEATHER=CLEAR ----

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL CHROMIUM	29	MG/KG		1.7 ✓

200

PRELIMINARY - 12TH YEAR HART-MILLER 'TISSUE CONTAMINANT' DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

139

---- STATION=XIF4426 DATE=93-04-01 TIME=1041 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3914260 LONG=7622360 TIDE=FLOOD WEATHER=CLEAR ----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL NICKEL	34	MG/KG		2.300
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DDT	319	MG/KG	L	0.220
GRAB	1	BIOTA	BRACKISH WATER CLAM	DDD	319	MG/KG	L	0.220
GRAB	1	BIOTA	BRACKISH WATER CLAM	DDE	319	MG/KG	L	0.220
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL CHLORDANE	319	MG/KG	L	5.500
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ENDRIN	319	MG/KG	L	0.220
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL HEPTOCHLOR	319	MG/KG	L	0.220
GRAB	1	BIOTA	BRACKISH WATER CLAM	THPTCLEP	319	MG/KG	L	0.220
GRAB	1	BIOTA	BRACKISH WATER CLAM	ALDRIN	319	MG/KG	L	0.220
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIELDREN	319	MG/KG	L	0.220
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL MALATHION	318	MG/KG	L	84.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL IRON	40	MG/KG		1.900
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL MANGANESE	45	MG/KG		1.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ZINC	48	MG/KG		2.900
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL COPPER	51	MG/KG		0.210
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ATRAZIN	318	MG/KG	L	84.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIAZINON	318	MG/KG	L	84.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL METHYL PARA	318	MG/KG	L	84.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ETHYLPAR	318	MG/KG	L	84.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIBUPH	318	MG/KG	L	84.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. DI OCTYL	318	MG/KG	L	84.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. DIETPTH	318	MG/KG	L	84.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. DIMEPTH	318	MG/KG	L	84.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BENZANT	318	MG/KG	L	34.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BENZPYR	318	MG/KG	L	34.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BENZFLR	318	MG/KG	L	34.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. CHRYSEN	318	MG/KG	L	34.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. ACENPHTH	318	MG/KG	L	34.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. ANTHRAC	318	MG/KG	L	34.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	FLUORENE	318	MG/KG	L	34.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	PHENANTHENE	318	MG/KG	L	34.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIBZAH	318	MG/KG	L	34.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	INDENO123	318	MG/KG	L	34.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL PYRENE	318	MG/KG	L	34.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ALPHA-BHC	319	MG/KG	L	0.220
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL BETA-BHC	319	MG/KG	L	0.220
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL TOXAPHENE	319	MG/KG	L	5.500
GRAB	1	BIOTA	BRACKISH WATER CLAM	G-BHC	319	MG/KG	L	0.220
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1016	319	MG/KG	L	5.500
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1221	319	MG/KG	L	5.500
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1232	319	MG/KG	L	5.500
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1242	319	MG/KG	L	5.500
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1248	319	MG/KG	L	5.500
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1254	319	MG/KG	L	5.500
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1260	319	MG/KG	L	5.500
GRAB	1	BIOTA	MACOMA SP.	TOTAL CHROMIUM	29	MG/KG		0.380
GRAB	1	BIOTA	MACOMA SP.	TOTAL DDT	319	MG/KG	L	0.036
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ACENAPHTHYLE	318	MG/KG	L	34.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	LINURON	318	MG/KG	L	84.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL BUTBEP	318	MG/KG	L	84.000

PRELIMINARY - 12TH YEAR HART-MILLER 'TISSUE CONTAMINANT' DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

140

---- STATION=XIF4426 DATE=93-04-01 TIME=1041 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3914260 LONG=7622360 TIDE=FLOOD WEATHER=CLEAR ----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL FLUORANTHENE	318	MG/KG	L	34.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL NAPHTHALENE	318	UG/L	L	34.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	BISZETHHEX PHTAL	318	MG/KG	L	84.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TRIFLURALINE	318	MG/KG	L	84.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	BENZO(B)FLURANThENE	318	MG/KG	L	34.000
GRAB	1	BIOTA	MACOMA SP.	TOTAL MALATHION	318	MG/KG	L	16.000
GRAB	1	BIOTA	MACOMA SP.	TOTAL NICKEL	34	MG/KG		0.510 //
GRAB	1	BIOTA	MACOMA SP.	TOTAL IRON	40	MG/KG		0.420 //
GRAB	1	BIOTA	MACOMA SP.	DDD	319	MG/KG	L	0.036
GRAB	1	BIOTA	MACOMA SP.	DDE	319	MG/KG	L	0.036
GRAB	1	BIOTA	MACOMA SP.	TOTAL CHLORDANE	319	MG/KG	L	0.890
GRAB	1	BIOTA	MACOMA SP.	TOTAL ENDRIN	319	MG/KG	L	0.036
GRAB	1	BIOTA	MACOMA SP.	TOTAL HEPTOCHLOR	319	MG/KG	L	0.036
GRAB	1	BIOTA	MACOMA SP.	THPTClep	319	MG/KG	L	0.036
GRAB	1	BIOTA	MACOMA SP.	ALDRIN	319	MG/KG	L	0.036
GRAB	1	BIOTA	MACOMA SP.	TOTAL DIELDREN	319	MG/KG	L	0.036
GRAB	1	BIOTA	MACOMA SP.	TOTAL ALPHA-BHC	319	MG/KG	L	0.036
GRAB	1	BIOTA	MACOMA SP.	TOTAL ATRAZIN	318	MG/KG	L	16.000
GRAB	1	BIOTA	MACOMA SP.	TOTAL MANGANESE	45	MG/KG		0.230 //
GRAB	1	BIOTA	MACOMA SP.	TOTAL ZINC	48	MG/KG		0.650 //
GRAB	1	BIOTA	MACOMA SP.	TOTAL COPPER	51	MG/KG		0.046 //
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL CHROMIUM	29	MG/KG		1.800 //
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL NICKEL	34	MG/KG		2.500
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL IRON	40	MG/KG		2.000
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL MANGANESE	45	MG/KG		1.100
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL ZINC	48	MG/KG		3.200
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL COPPER	51	MG/KG		0.230 //
GRAB	1	BIOTA	MACOMA SP.	TOTAL DIAZINON	318	MG/KG	L	16.000
GRAB	1	BIOTA	MACOMA SP.	TOTAL METHYL PARA	318	MG/KG	L	16.000
GRAB	1	BIOTA	MACOMA SP.	TOTAL ETHYLPAR	318	MG/KG	L	16.000
GRAB	1	BIOTA	MACOMA SP.	TOTAL DIBUPHT	318	MG/KG	L	16.000
GRAB	1	BIOTA	MACOMA SP.	TOT. DI OCTYL	318	MG/KG	L	16.000
GRAB	1	BIOTA	MACOMA SP.	TOT. DIETPTH	318	MG/KG	L	16.000
GRAB	1	BIOTA	MACOMA SP.	TOT. DIMEPTH	318	MG/KG	L	16.000
GRAB	1	BIOTA	MACOMA SP.	TOT. BENZANT	318	MG/KG	L	6.500
GRAB	1	BIOTA	MACOMA SP.	TOT. BENZPYR	318	MG/KG	L	6.500
GRAB	1	BIOTA	MACOMA SP.	TOT. BENZFLR	318	MG/KG	L	6.500
GRAB	1	BIOTA	MACOMA SP.	TOT. CHRYSEN	318	MG/KG	L	6.500
GRAB	1	BIOTA	MACOMA SP.	TOT. ACENPTH	318	MG/KG	L	6.500
GRAB	1	BIOTA	MACOMA SP.	TOT. ANTHRAC	318	MG/KG	L	6.500
GRAB	1	BIOTA	MACOMA SP.	FLUORENE	318	MG/KG	L	6.500
GRAB	1	BIOTA	MACOMA SP.	PHENANTHENE	318	MG/KG	L	6.500
GRAB	1	BIOTA	MACOMA SP.	TOTAL DIBZAH	318	MG/KG	L	6.500
GRAB	1	BIOTA	MACOMA SP.	INDENO123	318	MG/KG	L	6.500
GRAB	1	BIOTA	MACOMA SP.	TOTAL PYRENE	318	MG/KG	L	6.500
GRAB	1	BIOTA	MACOMA SP.	TOTAL BETA-BHC	319	MG/KG	L	0.036
GRAB	1	BIOTA	MACOMA SP.	TOTAL TOXAPHENE	319	MG/KG	L	0.890
GRAB	1	BIOTA	MACOMA SP.	G-BHC	319	MG/KG	L	0.036
GRAB	1	BIOTA	MACOMA SP.	PCB-1016	319	MG/KG	L	0.890
GRAB	1	BIOTA	MACOMA SP.	PCB-1221	319	MG/KG	L	0.890

PRELIMINARY - 12TH YEAR HART-MILLER 'TISSUE CONTAMINANT' DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

141

---- STATION=XIF4426 DATE=93-04-01 TIME=1041 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3914260 LONG=7622360 TIDE=FLOOD WEATHER=CLEAR ----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	MACOMA SP.	PCB-1232	319	MG/KG	L	0.89
GRAB	1	BIOTA	MACOMA SP.	PCB-1242	319	MG/KG	L	0.89
GRAB	1	BIOTA	MACOMA SP.	PCB-1248	319	MG/KG	L	0.89
GRAB	1	BIOTA	MACOMA SP.	PCB-1254	319	MG/KG	L	0.89
GRAB	1	BIOTA	MACOMA SP.	PCB-1260	319	MG/KG	L	0.89
GRAB	1	BIOTA	MACOMA SP.	TOTAL ACENAPHTHYLE	318	MG/KG	L	6.50
GRAB	1	BIOTA	MACOMA SP.	LINURON	318	MG/KG	L	16.00
GRAB	1	BIOTA	MACOMA SP.	TOTAL BUTBEP	318	MG/KG	L	16.00
GRAB	1	BIOTA	MACOMA SP.	TOTAL FLUORANTHENE	318	MG/KG	L	6.50
GRAB	1	BIOTA	MACOMA SP.	TOTAL NAPTHALENE	318	MG/KG	L	6.50
GRAB	1	BIOTA	MACOMA SP.	BISZETHHEX PHTAL	318	MG/KG		296.00
GRAB	1	BIOTA	MACOMA SP.	TRIFLURALINE	318	MG/KG	L	16.00
GRAB	1	BIOTA	MACOMA SP.	BENZO(B)FLURANTHENE	318	MG/KG	L	6.50
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL PYRENE	318	MG/KG	L	34.00
GRAB	2	BIOTA	MACOMA SP.	TOTAL CHROMIUM	29	MG/KG		2.00 //
GRAB	2	BIOTA	MACOMA SP.	TOTAL NICKEL	34	MG/KG		2.80 //
GRAB	2	BIOTA	MACOMA SP.	TOTAL DDT	319	MG/KG	L	0.77
GRAB	2	BIOTA	MACOMA SP.	DDD	319	MG/KG	L	0.77
GRAB	2	BIOTA	MACOMA SP.	DDE	319	MG/KG	L	0.77
GRAB	2	BIOTA	MACOMA SP.	TOTAL CHLORDANE	319	MG/KG	L	19.00
GRAB	2	BIOTA	MACOMA SP.	TOTAL ENDRIN	319	MG/KG	L	0.77
GRAB	2	BIOTA	MACOMA SP.	TOTAL HEPTOCHLOR	319	MG/KG	L	0.77
GRAB	2	BIOTA	MACOMA SP.	THPTCLEP	319	MG/KG	L	0.77
GRAB	2	BIOTA	MACOMA SP.	ALDRIN	319	MG/KG	L	0.77
GRAB	2	BIOTA	MACOMA SP.	TOTAL DIELDREN	319	MG/KG	L	0.77
GRAB	2	BIOTA	MACOMA SP.	TOTAL MALATHION	318	MG/KG	L	800.00
GRAB	2	BIOTA	MACOMA SP.	TOTAL IRON	40	MG/KG		2.30 //
GRAB	2	BIOTA	MACOMA SP.	TOTAL MANGANESE	45	MG/KG		1.30 //
GRAB	2	BIOTA	MACOMA SP.	TOTAL ZINC	48	MG/KG		3.50 //
GRAB	2	BIOTA	MACOMA SP.	TOTAL COPPER	51	MG/KG		0.25
GRAB	2	BIOTA	MACOMA SP.	TOTAL ATRAZIN	318	MG/KG	L	800.00
GRAB	2	BIOTA	MACOMA SP.	TOTAL DIAZINON	318	MG/KG	L	800.00
GRAB	2	BIOTA	MACOMA SP.	TOTAL METHYL PARA	318	MG/KG	L	800.00
GRAB	2	BIOTA	MACOMA SP.	TOTAL ETHYLPAR	318	MG/KG	L	800.00
GRAB	2	BIOTA	MACOMA SP.	TOTAL DIBUPHT	318	MG/KG	L	800.00
GRAB	2	BIOTA	MACOMA SP.	TOT. DIOCTYL	318	MG/KG	L	800.00
GRAB	2	BIOTA	MACOMA SP.	TOT. DIETPTH	318	MG/KG	L	800.00
GRAB	2	BIOTA	MACOMA SP.	TOT. DIMEPTH	318	MG/KG	L	800.00
GRAB	2	BIOTA	MACOMA SP.	TOT. BENZANT	318	MG/KG	L	320.00
GRAB	2	BIOTA	MACOMA SP.	TOT. BENZPYR	318	MG/KG	L	320.00
GRAB	2	BIOTA	MACOMA SP.	TOT. BENZFLR	318	MG/KG	L	320.00
GRAB	2	BIOTA	MACOMA SP.	TOT. CHRYSEN	318	MG/KG	L	320.00
GRAB	2	BIOTA	MACOMA SP.	TOT. ACENPHT	318	MG/KG	L	320.00
GRAB	2	BIOTA	MACOMA SP.	TOT. ANTHRAC	318	MG/KG	L	320.00
GRAB	2	BIOTA	MACOMA SP.	FLUORENE	318	MG/KG	L	320.00
GRAB	2	BIOTA	MACOMA SP.	PHENANTHENE	318	MG/KG	L	320.00
GRAB	2	BIOTA	MACOMA SP.	TOTAL DIBZABA	318	MG/KG	L	320.00
GRAB	2	BIOTA	MACOMA SP.	INDENO123	318	MG/KG	L	320.00
GRAB	2	BIOTA	MACOMA SP.	TOTAL PYRENE	318	MG/KG	L	6.50
GRAB	2	BIOTA	MACOMA SP.	TOTAL ALPHA-BHC	319	MG/KG	L	0.77

PRELIMINARY - 12TH YEAR HART-MILLER 'TISSUE CONTAMINANT' DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

142

---- STATION=XIF4426 DATE=93-04-01 TIME=1041 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3914260 LONG=7622360 TIDE=FLOOD WEATHER=CLEAR ----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	2	BIOTA	MACOMA SP.	TOTAL BETA-BHC	319	MG/KG	L	0.77
GRAB	2	BIOTA	MACOMA SP.	TOTAL TOXAPHENE	319	MG/KG	L	19.00
GRAB	2	BIOTA	MACOMA SP.	G-BHC	319	MG/KG	L	0.77
GRAB	2	BIOTA	MACOMA SP.	PCB-1016	319	MG/KG	L	19.00
GRAB	2	BIOTA	MACOMA SP.	PCB-1221	319	MG/KG	L	19.00
GRAB	2	BIOTA	MACOMA SP.	PCB-1232	319	MG/KG	L	19.00
GRAB	2	BIOTA	MACOMA SP.	PCB-1242	319	MG/KG	L	19.00
GRAB	2	BIOTA	MACOMA SP.	PCB-1248	319	MG/KG	L	19.00
GRAB	2	BIOTA	MACOMA SP.	PCB-1254	319	MG/KG	L	19.00
GRAB	2	BIOTA	MACOMA SP.	PCB-1260	319	MG/KG	L	19.00
GRAB	2	BIOTA	MACOMA SP.	TOTAL ACENAPHTHYLE	318	MG/KG	L	320.00
GRAB	2	BIOTA	MACOMA SP.	LINURON	318	MG/KG	L	800.00
GRAB	2	BIOTA	MACOMA SP.	TOTAL BUTBEP	318	MG/KG	L	800.00
GRAB	2	BIOTA	MACOMA SP.	TOTAL FLUORANTHENE	318	MG/KG	L	320.00
GRAB	2	BIOTA	MACOMA SP.	TOTAL NAPHTHALENE	318	MG/KG	L	320.00
GRAB	2	BIOTA	MACOMA SP.	BIS2ETHHEX PHTAL	318	MG/KG	L	16.00
GRAB	2	BIOTA	MACOMA SP.	TRIFLURALINE	318	MG/KG	L	800.00
GRAB	2	BIOTA	MACOMA SP.	BENZO(B)FLURANTHENE	318	MG/KG	L	320.00
GRAB	3	BIOTA	MACOMA SP.	TOTAL PYRENE	318	MG/KG	L	320.00
GRAB	4	BIOTA	MACOMA SP.	TOTAL PYRENE	318	MG/KG	L	320.00

---- STATION=XIF4715 DATE=93-04-01 TIME=1322 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914400 LONG=7621280 TIDE=FLOOD WEATHER=CLEAR ----

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL CHROMIUM	29	MG/KG		0.3800
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DDT	319	MG/KG	L	0.0098
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL MALATHION	318	MG/KG	L	1.1000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL NICKEL	34	MG/KG		0.5200
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL IRON	40	MG/KG		0.4200
GRAB	1	BIOTA	BRACKISH WATER CLAM	DDD	319	MG/KG	L	0.0098
GRAB	1	BIOTA	BRACKISH WATER CLAM	DDE	319	MG/KG	L	0.0098
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL CHLORDANE	319	MG/KG	L	0.2400
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ENDRIN	319	MG/KG	L	0.0098
GRAB	1	BIOTA <sup>10</sup>	BRACKISH WATER CLAM	TOTAL HEPTOCHLOR	319	MG/KG	L	0.0098
GRAB	1	BIOTA	BRACKISH WATER CLAM	THPTClep	319	MG/KG	L	0.0098
GRAB	1	BIOTA	BRACKISH WATER CLAM	ALDRIN	319	MG/KG	L	0.0098
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIELDREN	319	MG/KG	L	0.0098
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ALPHA-BHC	319	MG/KG	L	0.0098
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ATRAZIN	318	MG/KG	L	1.1000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL MANGANESE	45	MG/KG		0.2400
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ZINC	48	MG/KG		0.6600
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL COPPER	51	MG/KG		0.0470
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIAZINON	318	MG/KG	L	1.1000
GRAB	1	BIOTA <sup>20</sup>	BRACKISH WATER CLAM	TOTAL METHYL PARA	318	MG/KG	L	1.1000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ETHYLPAR	318	MG/KG	L	1.1000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIBUTHP	318	MG/KG	L	1.1000
GRAB	1	BIOTA <sup>21</sup>	BRACKISH WATER CLAM	TOT. DIOCTYL	318	MG/KG	L	1.1000

PRELIMINARY - 12TH YEAR HART-MILLER 'TISSUE CONTAMINANT' DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

143

---- STATION=XIF4715 DATE=93-04-01 TIME=1322 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914400 LONG=7621280 TIDE=FLOOD WEATHER=CLEAR ----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. DIETPTH	318	MG/KG	L	1.1000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. DIMEPTH	318	MG/KG	L	1.1000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BENZANT	318	MG/KG	L	0.4400
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BENZPYR	318	MG/KG	L	0.4400
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BENZFLR	318	MG/KG	L	0.4400
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. CHRYSEN	318	MG/KG	L	0.4400
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. ACENPTH	318	MG/KG	L	0.4400
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. ANTHRAC	318	MG/KG	L	0.4400
GRAB	1	BIOTA	BRACKISH WATER CLAM	FLUORENE	318	MG/KG	L	0.4400
GRAB	1	BIOTA	BRACKISH WATER CLAM	PHENANTHENE	318	MG/KG	L	0.4400
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIBZABA	318	MG/KG	L	0.4400
GRAB	1	BIOTA	BRACKISH WATER CLAM	INDENO123	318	MG/KG	L	0.4400
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL PYRENE	318	MG/KG	L	0.4400
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL BETA-BHC	319	MG/KG	L	0.0098
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL TOXAPHENE	319	MG/KG	L	0.2400
GRAB	1	BIOTA	BRACKISH WATER CLAM	G-BHC	319	MG/KG	L	0.0098
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1016	319	MG/KG	L	0.2400
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1221	319	MG/KG	L	0.2400
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1232	319	MG/KG	L	0.2400
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1242	319	MG/KG	L	0.2400
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1248	319	MG/KG	L	0.2400
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1254	319	MG/KG	L	0.2400
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1260	319	MG/KG	L	0.2400
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ACENAPHTHYLE	318	MG/KG	L	0.4400
GRAB	1	BIOTA	BRACKISH WATER CLAM	LINURON	318	MG/KG	L	1.1000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL BUTBEP	318	MG/KG	L	1.1000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL FLUORANTHENE	318	MG/KG	L	0.4400
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL NAPHTHALENE	318	MG/KG	L	0.4400
GRAB	1	BIOTA	BRACKISH WATER CLAM	BISZETHHEX PHTAL	318	MG/KG	L	1.1000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TRIFLURALINE	318	MG/KG	L	1.1000
GRAB	1	BIOTA	BRACKISH WATER CLAM	BENZO(B)FLURANTHENE	318	MG/KG	L	0.4400
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL CHROMIUM	29	MG/KG		0.3800 //
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL NICKEL	34	MG/KG		0.5200 //
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL DDT	319	MG/KG	L	0.0100
GRAB	2	BIOTA	BRACKISH WATER CLAM	DDD	319	MG/KG	L	0.0100
GRAB	2	BIOTA	BRACKISH WATER CLAM	DDE	319	MG/KG	L	0.0100
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL CHLORDANE	319	MG/KG	L	0.2500
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL ENDRIN	319	MG/KG	L	0.0100
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL HEPTOCHLOR	319	MG/KG	L	0.0100
GRAB	2	BIOTA	BRACKISH WATER CLAM	THPTCLEP	319	MG/KG	L	0.0100
GRAB	2	BIOTA	BRACKISH WATER CLAM	ALDRIN	319	MG/KG	L	0.0100
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL DIELDREN	319	MG/KG	L	0.0100
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL MALATHION	318	MG/KG	L	2.3000
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL IRON	40	MG/KG		0.4200 //
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL MANGANESE	45	MG/KG		0.2400 //
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL ZINC	48	MG/KG		0.6600 //
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL COPPER	51	MG/KG	L	0.0470 //
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL ATRAZIN	318	MG/KG	L	2.3000
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL DIAZINON	318	MG/KG	L	2.3000
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL METHYL PARA	318	MG/KG	L	2.3000

PRELIMINARY - 12TH YEAR HART-MILLER 'TISSUE CONTAMINANT' DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

144

---- STATION=XIF4715 DATE=93-04-01 TIME=1322 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914400 LONG=7621280 TIDE=FLOOD WEATHER=CLEAR ----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL ETHYLPAR	318	MG/KG	L	2.30
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL DIBUPHTH	318	MG/KG	L	2.30
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. DI OCTYL	318	MG/KG	L	2.30
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. DIETPTH	318	MG/KG	L	2.30
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. DIMEPTH	318	MG/KG	L	2.30
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. BENZANT	318	MG/KG	L	0.91
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. BENZPYR	318	MG/KG	L	0.91
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. BENZFLR	318	MG/KG	L	0.91
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. CHRYSEN	318	MG/KG	L	0.91
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. ACENPHTH	318	MG/KG	L	0.91
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. ANTHRAC	318	MG/KG	L	0.91
GRAB	2	BIOTA	BRACKISH WATER CLAM	FLUORENE	318	MG/KG	L	0.91
GRAB	2	BIOTA	BRACKISH WATER CLAM	PHENANTHENE	318	MG/KG	L	0.91
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL DIBZABA	318	MG/KG	L	0.91
GRAB	2	BIOTA	BRACKISH WATER CLAM	INDENO123	318	MG/KG	L	0.91
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL PYRENE	318	MG/KG	L	0.44
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL ALPHA-BHC	319	MG/KG	L	0.01
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL BETA-BHC	319	MG/KG	L	0.01
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL TOXAPHENE	319	MG/KG	L	0.25
GRAB	2	BIOTA	BRACKISH WATER CLAM	G-BHC	319	MG/KG	L	0.01
GRAB	2	BIOTA	BRACKISH WATER CLAM	PCB-1016	319	MG/KG	L	0.25
GRAB	2	BIOTA	BRACKISH WATER CLAM	PCB-1221	319	MG/KG	L	0.25
GRAB	2	BIOTA	BRACKISH WATER CLAM	PCB-1232	319	MG/KG	L	0.25
GRAB	2	BIOTA	BRACKISH WATER CLAM	PCB-1242	319	MG/KG	L	0.25
GRAB	2	BIOTA	BRACKISH WATER CLAM	PCB-1248	319	MG/KG	L	0.25
GRAB	2	BIOTA	BRACKISH WATER CLAM	PCB-1254	319	MG/KG	L	0.25
GRAB	2	BIOTA	BRACKISH WATER CLAM	PCB-1260	319	MG/KG	L	0.25
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL ACENAPHTHYLE	318	MG/KG	L	0.91
GRAB	2	BIOTA	BRACKISH WATER CLAM	LINURON	318	MG/KG	L	2.30
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL BUTBEP	318	MG/KG	L	2.30
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL FLUORANTHENE	318	MG/KG	L	0.91
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL NAPHTHALENE	318	MG/KG	L	0.91
GRAB	2	BIOTA	BRACKISH WATER CLAM	BISZETHHEX PHTAL	318	MG/KG	L	2.30
GRAB	2	BIOTA	BRACKISH WATER CLAM	TRIFLURALINE	318	MG/KG	L	2.30
GRAB	2	BIOTA	BRACKISH WATER CLAM	BENZO(B)FLURANTHENE	318	MG/KG	L	0.91
GRAB	3	BIOTA	BRACKISH WATER CLAM	TOTAL PYRENE	318	MG/KG	L	0.91
GRAB	4	BIOTA	BRACKISH WATER CLAM	TOTAL PYRENE	318	MG/KG	L	0.91

---- STATION=XIF4811 DATE=93-04-01 TIME=1129 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3914490 LONG=7621050 TIDE=FLOOD WEATHER=CLEAR ----

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL CHROMIUM	29	MG/KG		0.340
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DDT	319	MG/KG	L	0.023
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL MALATHION	318	MG/KG	L	5.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL NICKEL	34	MG/KG		0.470
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL IRON	40	MG/KG		0.390
GRAB	1	BIOTA	BRACKISH WATER CLAM	DDD	319	MG/KG	L	0.023

PRELIMINARY - 12TH YEAR HART-MILLER 'TISSUE CONTAMINANT' DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

145

---- STATION=XIF4811 DATE=93-04-01 TIME=1129 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3914490 LONG=7621050 TIDE=FLOOD WEATHER=CLEAR ----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	BRACKISH WATER CLAM	DDE	319	MG/KG	L	0.023
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL CHLORDANE	319	MG/KG	L	0.570
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ENDRIN	319	MG/KG	L	0.023
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL HEPTOCHLOR	319	MG/KG	L	0.023
GRAB	1	BIOTA	BRACKISH WATER CLAM	THPTCLEP	319	MG/KG	L	0.023
GRAB	1	BIOTA	BRACKISH WATER CLAM	ALDRIN	319	MG/KG	L	0.023
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIELDREN	319	MG/KG	L	0.023
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ALPHA-BHC	319	MG/KG	L	0.023
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ATRAZIN	318	MG/KG	L	5.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL MANGANESE	45	MG/KG		0.220
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ZINC	48	MG/KG		0.600
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL COPPER	51	MG/KG		0.043
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIAZINON	318	MG/KG	L	5.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL METHYL PARA	318	MG/KG	L	5.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ETHYLPAR	318	MG/KG	L	5.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIBUTPH	318	MG/KG	L	5.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. DIOCYL	318	MG/KG	L	5.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. DIETPTH	318	MG/KG	L	5.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. DIMEPTH	318	MG/KG	L	5.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BENZANT	318	MG/KG	L	2.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BENZPYR	318	MG/KG	L	2.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BENZFLR	318	MG/KG	L	2.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. CHRYSEN	318	MG/KG	L	2.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. ACENPHTH	318	MG/KG	L	2.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. ANTHRAC	318	MG/KG	L	2.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	FLUORENE	318	MG/KG	L	2.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	PHENANTHENE	318	MG/KG	L	2.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIBZABA	318	MG/KG	L	2.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	INDENO123	318	MG/KG	L	2.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL PYRENE	318	MG/KG	L	2.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL BETA-BHC	319	MG/KG	L	0.023
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL TOXAPHENE	319	MG/KG	L	0.570
GRAB	1	BIOTA	BRACKISH WATER CLAM	G-BHC	319	MG/KG	L	0.023
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1016	319	MG/KG	L	0.570
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1221	319	MG/KG	L	0.570
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1232	319	MG/KG	L	0.570
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1242	319	MG/KG	L	0.570
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1248	319	MG/KG	L	0.570
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1254	319	MG/KG	L	0.570
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1260	319	MG/KG	L	0.570
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ACENAPHTHYLE	318	MG/KG	L	2.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	LINURON	318	MG/KG	L	5.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL BUTBEP	318	MG/KG	L	5.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL FLUORANTHENE	318	MG/KG	L	2.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL NAPTHALENE	318	MG/KG	L	2.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	BISZETHHEX PHTAL	318	MG/KG		7.900
GRAB	1	BIOTA	BRACKISH WATER CLAM	TRIFLURALINE	318	MG/KG	L	5.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	BENZO(B)FLURANTHENE	318	MG/KG	L	2.000
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL CHROMIUM	29	MG/KG		0.360
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL NICKEL	34	MG/KG		0.500

PRELIMINARY - 12TH YEAR HART-MILLER 'TISSUE CONTAMINANT' DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

146

---- STATION=XIF4811 DATE=93-04-01 TIME=1129 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3914490 LONG=7621050 TIDE=FLOOD WEATHER=CLEAR ----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL DDT	319	MG/KG	L	0.024
GRAB	2	BIOTA	BRACKISH WATER CLAM	DDD	319	MG/KG	L	0.024
GRAB	2	BIOTA	BRACKISH WATER CLAM	DDE	319	MG/KG	L	0.024
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL CHLORDANE	319	MG/KG	L	0.600
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL ENDRIN	319	MG/KG	L	0.024
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL HEPTOCHLOR	319	MG/KG	L	0.024
GRAB	2	BIOTA	BRACKISH WATER CLAM	THPTCLEP	319	MG/KG	L	0.024
GRAB	2	BIOTA	BRACKISH WATER CLAM	ALDRIN	319	MG/KG	L	0.024
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL DIELDREN	319	MG/KG	L	0.024
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL MALATHION	318	MG/KG	L	7.600
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL IRON	40	MG/KG		0.410 //
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL MANGANESE	45	MG/KG		0.230 //
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL ZINC	48	MG/KG		0.640 //
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL COPPER	51	MG/KG		0.046
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL ATRAZIN	318	MG/KG	L	7.600
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL DIAZINON	318	MG/KG	L	7.600
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL METHYL PARA	318	MG/KG	L	7.600
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL ETHYLPAR	318	MG/KG	L	7.600
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL DIBUPHTH	318	MG/KG	L	7.600
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. DIOCYTL	318	MG/KG	L	7.600
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. DIETPTH	318	MG/KG	L	7.600
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. DIMEPTH	318	MG/KG	L	7.600
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. BENZANT	318	MG/KG	L	3.000
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. BENZPYR	318	MG/KG	L	3.000
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. BENZFLR	318	MG/KG	L	3.000
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. CHRYSEN	318	MG/KG	L	3.000
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. ACENPTH	318	MG/KG	L	3.000
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. ANTHRAC	318	MG/KG	L	3.000
GRAB	2	BIOTA	BRACKISH WATER CLAM	FLUORENE	318	MG/KG	L	3.000
GRAB	2	BIOTA	BRACKISH WATER CLAM	PHENANTHENE	318	MG/KG	L	3.000
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL DIBZAHIA	318	MG/KG	L	3.000
GRAB	2	BIOTA	BRACKISH WATER CLAM	INDENO123	318	MG/KG	L	3.000
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL PYRENE	318	MG/KG	L	2.000
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL ALPHA-BHC	319	MG/KG	L	0.024
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL BETA-BHC	319	MG/KG	L	0.024
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL TOXAPHENE	319	MG/KG	L	0.600
GRAB	2	BIOTA	BRACKISH WATER CLAM	G-BHC	319	MG/KG	L	0.024
GRAB	2	BIOTA	BRACKISH WATER CLAM	PCB-1016	319	MG/KG	L	0.600
GRAB	2	BIOTA	BRACKISH WATER CLAM	PCB-1221	319	MG/KG	L	0.600
GRAB	2	BIOTA	BRACKISH WATER CLAM	PCB-1232	319	MG/KG	L	0.600
GRAB	2	BIOTA	BRACKISH WATER CLAM	PCB-1242	319	MG/KG	L	0.600
GRAB	2	BIOTA	BRACKISH WATER CLAM	PCB-1248	319	MG/KG	L	0.600
GRAB	2	BIOTA	BRACKISH WATER CLAM	PCB-1254	319	MG/KG	L	0.600
GRAB	2	BIOTA	BRACKISH WATER CLAM	PCB-1260	319	MG/KG	L	0.600
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL ACENAPHTHYLE	318	MG/KG	L	3.000
GRAB	2	BIOTA	BRACKISH WATER CLAM	LINURON	318	MG/KG	L	7.600
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL BUTBEP	318	MG/KG	L	7.600
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL FLUORANTHENE	318	MG/KG	L	3.000
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL NAPHTHALENE	318	MG/KG	L	3.000
GRAB	2	BIOTA	BRACKISH WATER CLAM	BIS2ETHHEX PHTAL	318	MG/KG	L	7.600

PRELIMINARY - 12TH YEAR HART-MILLER 'TISSUE CONTAMINANT' DATA  
ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
RESOURCE MONITORING DATABASE

147

---- STATION=XIF4811 DATE=93-04-01 TIME=1129 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3914490 LONG=7621050 TIDE=FLOOD WEATHER=CLEAR ----  
(continued)

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	2	BIOTA	BRACKISH WATER CLAM	TRIFLURALINE	318	MG/KG	L	7.6
GRAB	2	BIOTA	BRACKISH WATER CLAM	BENZO(B)FLURANTHENE	318	MG/KG	L	3.0
GRAB	3	BIOTA	BRACKISH WATER CLAM	TOTAL PYRENE	318	MG/KG	L	3.0
GRAB	4	BIOTA	BRACKISH WATER CLAM	TOTAL PYRENE	318	MG/KG	L	3.0

---- STATION=XIG2569 DATE=93-04-01 TIME=1221 DEPTH=20 COUNTY=BA BASIN=2139997 LAT=3912900 LONG=7616550 TIDE=FLOOD WEATHER=CLEAR ----

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL CHROMIUM	29	MG/KG		0.390
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL NICKEL	34	MG/KG		0.280
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DDT	319	MG/KG	L	0.011
GRAB	1	BIOTA	BRACKISH WATER CLAM	DDD	319	MG/KG	L	0.011
GRAB	1	BIOTA	BRACKISH WATER CLAM	DDE	319	MG/KG	L	0.011
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL CHLORDANE	319	MG/KG	L	0.270
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ENDRIN	319	MG/KG	L	0.011
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL HEPTOCHLOR	319	MG/KG	L	0.011
GRAB	1	BIOTA	BRACKISH WATER CLAM	THPTCLER	319	MG/KG	L	0.011
GRAB	1	BIOTA	BRACKISH WATER CLAM	ALDRIN	319	MG/KG	L	0.011
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIELDREN	319	MG/KG	L	0.011
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL MALATHION	318	MG/KG	L	2.500
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL IRON	40	MG/KG		0.440
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL MANGANESE	45	MG/KG		0.250
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ZINC	48	MG/KG		0.350
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL COPPER	51	MG/KG		0.490
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ATRAZIN	318	MG/KG	L	2.500
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIAZINON	318	STD-UNITS	L	2.500
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL METHYL PARA	318	MG/KG	L	2.500
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ETHYLPAR	318	MG/KG	L	2.500
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIBUPHT	318	MG/KG	L	2.500
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. DIOCYL	318	MG/KG	L	2.500
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. DIETPTH	318	MG/KG	L	2.500
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. DIMEPTH	318	MG/KG	L	2.500
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BENZANT	318	MG/KG	L	1.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BENZPYR	318	MG/KG	L	1.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BENZFLR	318	MG/KG	L	1.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. CHRYSSEN	318	MG/KG	L	1.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. ACENPTH	318	MG/KG	L	1.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. ANTHRAC	318	MG/KG	L	1.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	FLUORENE	318	MG/KG	L	1.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	PHENANTHENE	318	MG/KG	L	1.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIBZABA	318	MG/KG	L	1.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	INDENO123	318	MG/KG	L	1.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL PYRENE	318	MG/KG	L	1.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ALPHA-BHC	319	MG/KG	L	0.011
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL BETA-BHC	319	MG/KG	L	0.011
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL TOXAPHENE	319	MG/KG	L	0.270
GRAB	1	BIOTA	BRACKISH WATER CLAM	G-BHC	319	MG/KG	L	0.011

PRELIMINARY - 12TH YEAR HART-MILLER 'TISSUE CONTAMINANT' DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

148

---- STATION=XIG2569 DATE=93-04-01 TIME=1221 DEPTH=20 COUNTY=BA BASIN=2139997 LAT=3912900 LONG=7616550 TIDE=FLOOD WEATHER=CLEAR ----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARTABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1016	319	MG/KG	L	0.270
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1221	319	MG/KG	L	0.270
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1232	319	MG/KG	L	0.270
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1242	319	MG/KG	L	0.270
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1248	319	MG/KG	L	0.270
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1254	319	MG/KG	L	0.270
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1260	319	MG/KG	L	0.270
GRAB	1	BIOTA	MACOMA SP.	TOTAL CHROMIUM	29	MG/KG		0.380
GRAB	1	BIOTA	MACOMA SP.	TOTAL NICKEL	34	MG/KG		0.520
GRAB	1	BIOTA	MACOMA SP.	TOTAL DDT	319	MG/KG	L	0.010
GRAB	1	BIOTA	MACOMA SP.	DDD	319	MG/KG	L	0.010
GRAB	1	BIOTA	MACOMA SP.	DDE	319	MG/KG	L	0.010
GRAB	1	BIOTA	MACOMA SP.	TOTAL CHLORDANE	319	MG/KG	L	0.250
GRAB	1	BIOTA	MACOMA SP.	TOTAL EMDRIN	319	MG/KG	L	0.010
GRAB	1	BIOTA	MACOMA SP.	TOTAL HEPTOCHLOR	319	MG/KG	L	0.010
GRAB	1	BIOTA	MACOMA SP.	THPTCLEP	319	MG/KG	L	0.010
GRAB	1	BIOTA	MACOMA SP.	ALDRIN	319	MG/KG	L	0.010
GRAB	1	BIOTA	MACOMA SP.	TOTAL DIELDREN	319	MG/KG	L	0.010
GRAB	1	BIOTA	MACOMA SP.	TOTAL IRON	40	MG/KG		0.420
GRAB	1	BIOTA	MACOMA SP.	TOTAL MANGANESE	45	MG/KG		0.240
GRAB	1	BIOTA	MACOMA SP.	TOTAL ZINC	48	MG/KG		0.660
GRAB	1	BIOTA	MACOMA SP.	TOTAL COPPER	51	MG/KG		0.047
GRAB	1	BIOTA	MACOMA SP.	TOTAL ALPHA-BHC	319	MG/KG	L	0.010
GRAB	1	BIOTA	MACOMA SP.	TOTAL BETA-BHC	319	MG/KG	L	0.010
GRAB	1	BIOTA	MACOMA SP.	TOTAL TOXAPHENE	319	MG/KG	L	0.250
GRAB	1	BIOTA	MACOMA SP.	G-BHC	319	MG/KG	L	0.010
GRAB	1	BIOTA	MACOMA SP.	PCB-1016	319	MG/KG	L	0.250
GRAB	1	BIOTA	MACOMA SP.	PCB-1221	319	MG/KG	L	0.250
GRAB	1	BIOTA	MACOMA SP.	PCB-1232	319	MG/KG	L	0.250
GRAB	1	BIOTA	MACOMA SP.	PCB-1242	319	MG/KG	L	0.250
GRAB	1	BIOTA	MACOMA SP.	PCB-1248	319	MG/KG	L	0.250
GRAB	1	BIOTA	MACOMA SP.	PCB-1254	319	MG/KG	L	0.250
GRAB	1	BIOTA	MACOMA SP.	PCB-1260	319	MG/KG	L	0.250
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL CHROMIUM	29	MG/KG		2.000
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL NICKEL	34	MG/KG		2.800
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL DDT	319	MG/KG	L	0.150
GRAB	1	BIOTA	CYATHURA POLITA	DDD	319	MG/KG	L	0.150
GRAB	1	BIOTA	CYATHURA POLITA	DDE	319	MG/KG	L	0.150
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL CHLORDANE	319	MG/KG	L	3.700
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL EMDRIN	319	MG/KG	L	0.150
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL HEPTOCHLOR	319	MG/KG	L	0.150
GRAB	1	BIOTA	CYATHURA POLITA	THPTCLEP	319	MG/KG	L	0.150
GRAB	1	BIOTA	CYATHURA POLITA	ALDRIN	319	MG/KG	L	0.150
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL DIELDREN	319	MG/KG	L	0.150
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL IRON	40	MG/KG		2.300
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL MANGANESE	45	MG/KG		1.300
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL ZINC	48	MG/KG		3.500
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL COPPER	51	MG/KG	L	0.250
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL ALPHA-BHC	319	MG/KG	L	0.150
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL BETA-BHC	319	MG/KG	L	0.150

PRELIMINARY - 12TH YEAR HART-MILLER 'TISSUE CONTAMINANT' DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

149

---- STATION=XIG2569 DATE=93-04-01 TIME=1221 DEPTH=20 COUNTY=BA BASIN=2139997 LAT=3912900 LONG=7616550 TIDE=FLOOD WEATHER=CLEAR ----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL TOXAPHENE	319	MG/KG	L	3.70
GRAB	1	BIOTA	CYATHURA POLITA	G-BHC	319	MG/KG	L	0.15
GRAB	1	BIOTA	CYATHURA POLITA	PCB-1016	319	MG/KG	L	3.70
GRAB	1	BIOTA	CYATHURA POLITA	PCB-1221	319	MG/KG	L	3.70
GRAB	1	BIOTA	CYATHURA POLITA	PCB-1232	319	MG/KG	L	3.70
GRAB	1	BIOTA	CYATHURA POLITA	PCB-1242	319	MG/KG	L	3.70
GRAB	1	BIOTA	CYATHURA POLITA	PCB-1248	319	MG/KG	L	3.70
GRAB	1	BIOTA	CYATHURA POLITA	PCB-1254	319	MG/KG	L	3.70
GRAB	1	BIOTA	CYATHURA POLITA	PCB-1260	319	MG/KG	L	3.70
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ACENAPHTHYLE	318	MG/KG	L	1.00
GRAB	1	BIOTA	BRACKISH WATER CLAM	LINURON	318	MG/KG	L	2.50
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL BUTBEP	318	MG/KG	L	2.50
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL FLUORANTHENE	318	MG/KG	L	1.00
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL NAPHTHALENE	318	MG/KG	L	1.00
GRAB	1	BIOTA	BRACKISH WATER CLAM	BIS2ETHHEX PHTAL	318	MG/KG		5.80
GRAB	1	BIOTA	BRACKISH WATER CLAM	TRIFLURALINE	318	MG/KG	L	2.50
GRAB	1	BIOTA	BRACKISH WATER CLAM	BENZO(B)FLURANTHENE	318	MG/KG	L	1.00
GRAB	1	BIOTA	MACOMA SP.	TOTAL MALATHION	318	MG/KG	L	1.80
GRAB	1	BIOTA	MACOMA SP.	TOTAL ATRAZIN	318	MG/KG	L	1.80
GRAB	1	BIOTA	MACOMA SP.	TOTAL DIAZINON	318	MG/KG	L	1.80
GRAB	1	BIOTA	MACOMA SP.	TOTAL METHYL PARA	318	MG/KG	L	1.80
GRAB	1	BIOTA	MACOMA SP.	TOTAL ETHYLPAR	318	MG/KG	L	1.80
GRAB	1	BIOTA	MACOMA SP.	TOTAL DIBUPH	318	MG/KG	L	1.80
GRAB	1	BIOTA	MACOMA SP.	TOT. DI OCTYL	318	MG/KG	L	1.80
GRAB	1	BIOTA	MACOMA SP.	TOT. DI ETPTH	318	MG/KG	L	1.80
GRAB	1	BIOTA	MACOMA SP.	TOT. DIMEPTH	318	MG/KG	L	1.80
GRAB	1	BIOTA	MACOMA SP.	TOT. BENZANT	318	MG/KG	L	0.70
GRAB	1	BIOTA	MACOMA SP.	TOT. BENZPYR	318	MG/KG	L	0.70
GRAB	1	BIOTA	MACOMA SP.	TOT. BENZFLR	318	MG/KG	L	0.70
GRAB	1	BIOTA	MACOMA SP.	TOT. CHRYSEN	318	MG/KG	L	0.70
GRAB	1	BIOTA	MACOMA SP.	TOT. ACENPHT	318	MG/KG	L	0.70
GRAB	1	BIOTA	MACOMA SP.	TOT. ANTHRAC	318	MG/KG	L	0.70
GRAB	1	BIOTA	MACOMA SP.	FLUORENE	318	MG/KG	L	0.70
GRAB	1	BIOTA	MACOMA SP.	PHENANTHENE	318	MG/KG	L	0.70
GRAB	1	BIOTA	MACOMA SP.	TOTAL DIBZABA	318	MG/KG	L	0.70
GRAB	1	BIOTA	MACOMA SP.	INDENO123	318	MG/KG	L	0.70
GRAB	1	BIOTA	MACOMA SP.	TOTAL PYRENE	318	MG/KG	L	0.70
GRAB	1	BIOTA	MACOMA SP.	TOTAL ACENAPHTHYLE	318	MG/KG	L	0.70
GRAB	1	BIOTA	MACOMA SP.	LINURON	318	MG/KG	L	1.80
GRAB	1	BIOTA	MACOMA SP.	TOTAL BUTBEP	318	MG/KG	L	1.80
GRAB	1	BIOTA	MACOMA SP.	TOTAL FLUORANTHENE	318	MG/KG	L	0.70
GRAB	1	BIOTA	MACOMA SP.	TOTAL NAPHTHALENE	318	MG/KG	L	0.70
GRAB	1	BIOTA	MACOMA SP.	BIS2ETHHEX PHTAL	318	MG/KG		2.30
GRAB	1	BIOTA	MACOMA SP.	TRIFLURALINE	318	MG/KG	L	1.80
GRAB	1	BIOTA	MACOMA SP.	BENZO(B)FLURANTHENE	318	MG/KG	L	0.70
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL MALATHION.	318	MG/KG	L	34.00
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL ATRAZIN	318	MG/KG	L	34.00
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL DIAZINON	318	MG/KG	L	34.00
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL METHYL PARA	318	MG/KG	L	34.00
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL ETHYLPAR	318	MG/KG	L	34.00

PRELIMINARY - 12TH YEAR HART-MILLER 'TISSUE CONTAMINANT' DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

150

---- STATION=XIG2569 DATE=93-04-01 TIME=1221 DEPTH=20 COUNTY=BA BASIN=2139997 LAT=3912900 LONG=7616550 TIDE=FLOOD WEATHER=CLEAR ----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL DIBUPHTH	318	MG/KG	L	34.0
GRAB	1	BIOTA	CYATHURA POLITA	TOT. DIOTYL	318	MG/KG	L	34.0
GRAB	1	BIOTA	CYATHURA POLITA	TOT. DIETPTH	318	MG/KG	L	34.0
GRAB	1	BIOTA	CYATHURA POLITA	TOT. DIMEPTH	318	MG/KG	L	34.0
GRAB	1	BIOTA	CYATHURA POLITA	TOT. BENZANT	318	MG/KG	L	13.0
GRAB	1	BIOTA	CYATHURA POLITA	TOT. BENZPYR	318	MG/KG	L	13.0
GRAB	1	BIOTA	CYATHURA POLITA	TOT. BENZFLR	318	MG/KG	L	13.0
GRAB	1	BIOTA	CYATHURA POLITA	TOT. CHRYSEN	318	MG/KG	L	13.0
GRAB	1	BIOTA	CYATHURA POLITA	TOT. ACENPTH	318	MG/KG	L	13.0
GRAB	1	BIOTA	CYATHURA POLITA	TOT. ANTHRAC	318	MG/KG	L	13.0
GRAB	1	BIOTA	CYATHURA POLITA	FLUORENE	318	MG/KG	L	13.0
GRAB	1	BIOTA	CYATHURA POLITA	PHENANTHENE	318	MG/KG	L	13.0
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL DIBZABA	318	MG/KG	L	13.0
GRAB	1	BIOTA	CYATHURA POLITA	INDENO123	318	MG/KG	L	13.0
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL PYRENE	318	MG/KG	L	13.0
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL ACENAPHTHYLE	318	MG/KG	L	13.0
GRAB	1	BIOTA	CYATHURA POLITA	LINURON	318	MG/KG	L	34.0
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL BUTBEP	318	MG/KG	L	34.0
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL FLUORANTHENE	318	MG/KG	L	13.0
GRAB	1	BIOTA	CYATHURA POLITA	TOTAL NAPHTHALENE	318	MG/KG	L	13.0
GRAB	1	BIOTA	CYATHURA POLITA	BIS2ETHHEX PHTAL	318	MG/KG	L	34.0
GRAB	1	BIOTA	CYATHURA POLITA	TRIFLURALINE	318	MG/KG	L	34.0
GRAB	1	BIOTA	CYATHURA POLITA	BENZO(B)FLURANTHENE	318	MG/KG	L	13.0
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL PYRENE	318	MG/KG	L	1.0
GRAB	2	BIOTA	MACOMA SP.	TOTAL PYRENE	318	MG/KG	L	0.7
GRAB	2	BIOTA	CYATHURA POLITA	TOTAL PYRENE	318	MG/KG	L	13.0

---- STATION=XIG4101 DATE=93-04-01 TIME=1150 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3914050 LONG=7620050 TIDE=FLOOD WEATHER=CLEAR ----

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL CHROMIUM	29	MG/KG		0.340
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DDT	319	MG/KG	L	0.012
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL MALATHION	318	MG/KG	L	3.900
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL NICKEL	34	MG/KG		0.470 //
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL IRON	40	MG/KG		0.390 //
GRAB	1	BIOTA	BRACKISH WATER CLAM	DDD	319	MG/KG	L	0.012
GRAB	1	BIOTA	BRACKISH WATER CLAM	DDE	319	MG/KG	L	0.012
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL CHLORDANE	319	MG/KG	L	0.300
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ENDRIN	319	MG/KG	L	0.012
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL HEPTOCHLOR	319	MG/KG	L	0.012
GRAB	1	BIOTA	BRACKISH WATER CLAM	THPTCLEP	319	MG/KG	L	0.012
GRAB	1	BIOTA	BRACKISH WATER CLAM	ALDRIN	319	MG/KG	L	0.012
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIELDREN	319	MG/KG	L	0.012
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ALPHA-BHC	319	MG/KG	L	0.012
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ATRAZIN	318	MG/KG	L	3.900
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL MANGANESE	45	MG/KG		0.220 //
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ZINC	48	MG/KG		0.600

PRELIMINARY - 12TH YEAR HART-MILLER 'TISSUE CONTAMINANT' DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

151

---- STATION=XIG4101 DATE=93-04-01 TIME=1150 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3914050 LONG=7620050 TIDE=FLOOD WEATHER=CLEAR ----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL COPPER	51	MG/KG		0.043
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIAZINON	318	MG/KG	L	3.900
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL METHYL PARA	318	MG/KG	L	3.900
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ETHYLPAR	318	MG/KG	L	3.900
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIBUPH	318	MG/KG	L	3.900
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. DI OCTYL	318	MG/KG	L	3.900
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. DIETPTH	318	MG/KG	L	3.900
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. DIMEPTH	318	MG/KG	L	3.900
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BENZANT	318	MG/KG	L	1.600
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BENZPYR	318	MG/KG	L	1.600
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BENZFLR	318	MG/KG	L	1.600
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. CHRYSEN	318	MG/KG	L	1.600
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. ACENPHTH	318	MG/KG	L	1.600
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. ANTHRAC	318	MG/KG	L	1.600
GRAB	1	BIOTA	BRACKISH WATER CLAM	FLUORENE	318	MG/KG	L	1.600
GRAB	1	BIOTA	BRACKISH WATER CLAM	PHENANTHENE	318	MG/KG	L	1.600
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIBZAH	318	MG/KG	L	1.600
GRAB	1	BIOTA	BRACKISH WATER CLAM	INDENO123	318	MG/KG	L	1.600
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL PYRENE	318	MG/KG	L	1.600
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL BETA-BHC	319	MG/KG	L	0.012
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL TOXAPHENE	319	MG/KG	L	0.300
GRAB	1	BIOTA	BRACKISH WATER CLAM	G-BHC	319	MG/KG	L	0.012
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1016	319	MG/KG	L	0.300
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1221	319	MG/KG	L	0.300
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1232	319	MG/KG	L	0.300
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1242	319	MG/KG	L	0.300
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1248	319	MG/KG	L	0.300
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1254	319	MG/KG	L	0.300
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1260	319	MG/KG	L	0.300
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ACENAPHTHYLE	318	MG/KG	L	1.600
GRAB	1	BIOTA	BRACKISH WATER CLAM	LINURON	318	MG/KG	L	3.900
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL BUTBEP	318	MG/KG	L	3.900
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL FLUORANTHENE	318	MG/KG	L	1.600
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL NAPHTHALENE	318	MG/KG	L	1.600
GRAB	1	BIOTA	BRACKISH WATER CLAM	BIS2ETHHEX PHTAL	318	MG/KG	L	3.900
GRAB	1	BIOTA	BRACKISH WATER CLAM	TRIFLURALINE	318	MG/KG	L	3.900
GRAB	1	BIOTA	BRACKISH WATER CLAM	BENZO(B)FLURANTHENE	318	MG/KG	L	1.600
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL CHROMIUM	29	MG/KG		0.360
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL DDT	319	MG/KG	L	0.022
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL MALATHION	318	MG/KG	L	4.900
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL NICKEL	34	MG/KG		0.500
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL IRON	40	MG/KG		0.410
GRAB	2	BIOTA	BRACKISH WATER CLAM	DDD	319	MG/KG	L	0.022
GRAB	2	BIOTA	BRACKISH WATER CLAM	DDE	319	MG/KG	L	0.022
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL CHLORDANE	319	MG/KG	L	0.540
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL ENDRIN	319	MG/KG	L	0.022
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL HEPTOCHLOR	319	MG/KG	L	0.022
GRAB	2	BIOTA	BRACKISH WATER CLAM	THPTCLEP	319	MG/KG	L	0.022
GRAB	2	BIOTA	BRACKISH WATER CLAM	ALDRIN	319	MG/KG	L	0.022
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL DIELDREN	319	MG/KG	L	0.022

PRELIMINARY - 12TH YEAR HART-MILLER 'TISSUE CONTAMINANT' DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

152

---- STATION=XIG4101 DATE=93-04-01 TIME=1150 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3914050 LONG=7620050 TIDE=FLOOD WEATHER=CLEAR ----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL ALPHA-BHC	319	MG/KG	L	0.022
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL ATRAZIN	318	MG/KG	L	4.900
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL MANGANESE	45	MG/KG		0.230 //
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL ZINC	48	MG/KG		0.640 //
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL COPPER	51	MG/KG		0.046 //
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL DIAZINON	318	MG/KG	L	4.900
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL METHYL PARA	318	MG/KG	L	4.900
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL ETHYLPAR	318	MG/KG	L	4.900
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL DIBUTH	318	MG/KG	L	4.900
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. DIOCYL	318	MG/KG	L	4.900
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. DIETPTH	318	MG/KG	L	4.900
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. DIMEPTH	318	MG/KG	L	4.900
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. BENZANT	318	MG/KG	L	2.000
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. BENZPYR	318	MG/KG	L	2.000
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. BENZFLR	318	MG/KG	L	2.000
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. CHRYSEN	318	MG/KG	L	2.000
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. ACENPTH	318	MG/KG	L	2.000
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. ANTHRAC	318	MG/KG	L	2.000
GRAB	2	BIOTA	BRACKISH WATER CLAM	FLUORENE	318	MG/KG	L	2.000
GRAB	2	BIOTA	BRACKISH WATER CLAM	PHENANTHENE	318	MG/KG	L	2.000
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL DIBZABA	318	MG/KG	L	2.000
GRAB	2	BIOTA	BRACKISH WATER CLAM	INDENO123	318	MG/KG	L	2.000
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL PYRENE	318	MG/KG	L	1.600
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL BETA-BHC	319	MG/KG	L	0.022
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL TOXAPHENE	319	MG/KG	L	0.540
GRAB	2	BIOTA	BRACKISH WATER CLAM	G-BHC	319	MG/KG	L	0.022
GRAB	2	BIOTA	BRACKISH WATER CLAM	PCB-1016	319	MG/KG	L	0.540
GRAB	2	BIOTA	BRACKISH WATER CLAM	PCB-1221	319	MG/KG	L	0.540
GRAB	2	BIOTA	BRACKISH WATER CLAM	PCB-1232	319	MG/KG	L	0.540
GRAB	2	BIOTA	BRACKISH WATER CLAM	PCB-1242	319	MG/KG	L	0.540
GRAB	2	BIOTA	BRACKISH WATER CLAM	PCB-1248	319	MG/KG	L	0.540
GRAB	2	BIOTA	BRACKISH WATER CLAM	PCB-1254	319	MG/KG	L	0.540
GRAB	2	BIOTA	BRACKISH WATER CLAM	PCB-1260	319	MG/KG	L	0.540
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL ACENAPHTHYLE	318	MG/KG	L	2.000
GRAB	2	BIOTA	BRACKISH WATER CLAM	LINURON	318	MG/KG	L	4.900
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL BUTBEP	318	MG/KG	L	4.900
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL FLUORANTHENE	318	MG/KG	L	2.000
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL NAPHTHALENE	318	MG/KG	L	2.000
GRAB	2	BIOTA	BRACKISH WATER CLAM	BIS2ZETHX PHTAL	318	MG/KG	L	4.900
GRAB	2	BIOTA	BRACKISH WATER CLAM	TRIFLURALINE	318	MG/KG	L	4.900
GRAB	2	BIOTA	BRACKISH WATER CLAM	BENZO(B)FLURANTHENE	318	MG/KG	L	2.000
GRAB	3	BIOTA	BRACKISH WATER CLAM	TOTAL CHROMIUM	29	MG/KG		0.360 //
GRAB	3	BIOTA	BRACKISH WATER CLAM	TOTAL NICKEL	34	MG/KG		0.500 //
GRAB	3	BIOTA	BRACKISH WATER CLAM	TOTAL DDT	319	MG/KG	L	0.044
GRAB	3	BIOTA	BRACKISH WATER CLAM	DDD	319	MG/KG	L	0.044
GRAB	3	BIOTA	BRACKISH WATER CLAM	DDE	319	MG/KG	L	0.044
GRAB	3	BIOTA	BRACKISH WATER CLAM	TOTAL CHLORDANE	319	MG/KG	L	1.100
GRAB	3	BIOTA	BRACKISH WATER CLAM	TOTAL ENDRIN	319	MG/KG	L	0.044
GRAB	3	BIOTA	BRACKISH WATER CLAM	TOTAL HEPTOCHLOR	319	MG/KG	L	0.044
GRAB	3	BIOTA	BRACKISH WATER CLAM	THPTCLEP	319	MG/KG	L	0.044

PRELIMINARY - 12TH YEAR HART-MILLER 'TISSUE CONTAMINANT' DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

153

---- STATION=XIG4101 DATE=93-04-01 TIME=1150 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3914050 LONG=7620050 TIDE=FLOOD WEATHER=CLEAR ----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	3	BIOTA	BRACKISH WATER CLAM	ALDRIN	319	MG/KG	L	0.044
GRAB	3	BIOTA	BRACKISH WATER CLAM	TOTAL DIELOREN	319	MG/KG	L	0.044
GRAB	3	BIOTA	BRACKISH WATER CLAM	TOTAL MALATHION	318	MG/KG	L	14.000
GRAB	3	BIOTA	BRACKISH WATER CLAM	TOTAL IRON	40	MG/KG		0.410
GRAB	3	BIOTA	BRACKISH WATER CLAM	TOTAL MANGANESE	45	MG/KG		0.235
GRAB	3	BIOTA	BRACKISH WATER CLAM	TOTAL ZINC	48	MG/KG		0.640
GRAB	3	BIOTA	BRACKISH WATER CLAM	TOTAL COPPER	51	MG/KG		0.046
GRAB	3	BIOTA	BRACKISH WATER CLAM	TOTAL ATRAZIN	318	MG/KG	L	14.000
GRAB	3	BIOTA	BRACKISH WATER CLAM	TOTAL DIAZINON	318	MG/KG	L	14.000
GRAB	3	BIOTA	BRACKISH WATER CLAM	TOTAL METHYL PARA	318	MG/KG	L	14.000
GRAB	3	BIOTA	BRACKISH WATER CLAM	TOTAL ETHYLPAR	318	MG/KG	L	14.000
GRAB	3	BIOTA	BRACKISH WATER CLAM	TOTAL DIBUPH	318	MG/KG	L	14.000
GRAB	3	BIOTA	BRACKISH WATER CLAM	TOT. DIOCYL	318	MG/KG	L	14.000
GRAB	3	BIOTA	BRACKISH WATER CLAM	TOT. DIETPH	318	MG/KG	L	14.000
GRAB	3	BIOTA	BRACKISH WATER CLAM	TOT. DIMEPTH	318	MG/KG	L	14.000
GRAB	3	BIOTA	BRACKISH WATER CLAM	TOT. BENZANT	318	MG/KG	L	5.500
GRAB	3	BIOTA	BRACKISH WATER CLAM	TOT. BENZPYR	318	MG/KG	L	5.500
GRAB	3	BIOTA	BRACKISH WATER CLAM	TOT. BENZFLR	318	MG/KG	L	5.500
GRAB	3	BIOTA	BRACKISH WATER CLAM	TOT. CHRYSEN	318	MG/KG	L	5.500
GRAB	3	BIOTA	BRACKISH WATER CLAM	TOT. ACENPHTH	318	MG/KG	L	5.500
GRAB	3	BIOTA	BRACKISH WATER CLAM	TOT. ANTHRAC	318	MG/KG	L	5.500
GRAB	3	BIOTA	BRACKISH WATER CLAM	FLUORENE	318	MG/KG	L	5.500
GRAB	3	BIOTA	BRACKISH WATER CLAM	PHENANTHENE	318	MG/KG	L	5.500
GRAB	3	BIOTA	BRACKISH WATER CLAM	TOTAL DIBZABA	318	MG/KG	L	5.500
GRAB	3	BIOTA	BRACKISH WATER CLAM	INDENO123	318	MG/KG	L	5.500
GRAB	3	BIOTA	BRACKISH WATER CLAM	TOTAL PYRENE	318	MG/KG	L	2.000
GRAB	3	BIOTA	BRACKISH WATER CLAM	TOTAL ALPHA-BHC	319	MG/KG	L	0.044
GRAB	3	BIOTA	BRACKISH WATER CLAM	TOTAL BETA-BHC	319	MG/KG	L	0.044
GRAB	3	BIOTA	BRACKISH WATER CLAM	TOTAL TOXAPHENE	319	MG/KG	L	1.100
GRAB	3	BIOTA	BRACKISH WATER CLAM	G-BHC	319	MG/KG	L	0.044
GRAB	3	BIOTA	BRACKISH WATER CLAM	PCB-1016	319	MG/KG	L	1.100
GRAB	3	BIOTA	BRACKISH WATER CLAM	PCB-1221	319	MG/KG	L	1.100
GRAB	3	BIOTA	BRACKISH WATER CLAM	PCB-1232	319	MG/KG	L	1.100
GRAB	3	BIOTA	BRACKISH WATER CLAM	PCB-1242	319	MG/KG	L	1.100
GRAB	3	BIOTA	BRACKISH WATER CLAM	PCB-1248	319	MG/KG	L	1.100
GRAB	3	BIOTA	BRACKISH WATER CLAM	PCB-1254	319	MG/KG	L	1.100
GRAB	3	BIOTA	BRACKISH WATER CLAM	PCB-1260	319	MG/KG	L	1.100
GRAB	3	BIOTA	BRACKISH WATER CLAM	TOTAL ACENAPHTHYLE	318	MG/KG	L	5.500
GRAB	3	BIOTA	BRACKISH WATER CLAM	LINURON	318	MG/KG	L	14.000
GRAB	3	BIOTA	BRACKISH WATER CLAM	TOTAL BUTBEP	318	MG/KG	L	14.000
GRAB	3	BIOTA	BRACKISH WATER CLAM	TOTAL FLUORANTHENE	318	MG/KG	L	5.500
GRAB	3	BIOTA	BRACKISH WATER CLAM	TOTAL NAPHTHALENE	318	MG/KG	L	5.500
GRAB	3	BIOTA	BRACKISH WATER CLAM	BIS2ETHHEX PHTAL	318	MG/KG	L	14.000
GRAB	3	BIOTA	BRACKISH WATER CLAM	TRIFLURALINE	318	MG/KG	L	14.000
GRAB	3	BIOTA	BRACKISH WATER CLAM	BENZO(B)FLURANTHENE	318	MG/KG	L	5.500
GRAB	4	BIOTA	BRACKISH WATER CLAM	TOTAL PYRENE	318	MG/KG	L	2.000
GRAB	5	BIOTA	BRACKISH WATER CLAM	TOTAL PYRENE	318	MG/KG	L	5.500
GRAB	6	BIOTA	BRACKISH WATER CLAM	TOTAL PYRENE	318	MG/KG	L	5.500

PRELIMINARY - 12TH YEAR HART-MILLER 'TISSUE CONTAMINANT' DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

154

----- STATION=XIG5406 DATE=93-04-01 TIME=1420 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3915250 LONG=7620350 TIDE=S WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL CHROMIUM	29	MG/KG		0.3800
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL NICKEL	34	MG/KG		0.5200
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DDT	319	MG/KG	L	0.0073
GRAB	1	BIOTA	BRACKISH WATER CLAM	DDD	319	MG/KG	L	0.0073
GRAB	1	BIOTA	BRACKISH WATER CLAM	DDE	319	MG/KG	L	0.0073
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL CHLORDANE	319	MG/KG	L	0.1800
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ENDRIN	319	MG/KG	L	0.0073
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL HEPTOCHLOR	319	MG/KG	L	0.0073
GRAB	1	BIOTA	BRACKISH WATER CLAM	THPTCLEP	319	MG/KG	L	0.0073
GRAB	1	BIOTA	BRACKISH WATER CLAM	ALDRIN	319	MG/KG	L	0.0073
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIELDREN	319	MG/KG	L	0.0073
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL MALATHION	318	MG/KG	L	0.5700
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL IRON	40	MG/KG		0.4200
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL MANGANESE	45	MG/KG		0.2400
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ZINC	48	MG/KG		0.6600
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL COPPER	51	MG/KG		0.0470
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ATRAZIN	318	MG/KG	L	0.5700
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIAZINON	318	MG/KG	L	0.5700
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL METHYL PARA	318	MG/KG	L	0.5700
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ETHYLPAR	318	MG/KG	L	0.5700
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIBUPTH	318	MG/KG	L	0.5700
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. DIOCYTL	318	MG/KG	L	0.5700
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. DIETPTH	318	MG/KG	L	0.5700
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. DIMEPTH	318	MG/KG	L	0.5700
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BENZANT	318	MG/KG	L	0.2300
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BENZPYR	318	MG/KG	L	0.2300
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BENZFLR	318	MG/KG	L	0.2300
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. CHRYSEN	318	MG/KG	L	0.2300
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. ACENPTH	318	MG/KG	L	0.2300
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. ANTHRAC	318	MG/KG	L	0.2300
GRAB	1	BIOTA	BRACKISH WATER CLAM	FLUORENE	318	MG/KG	L	0.2300
GRAB	1	BIOTA	BRACKISH WATER CLAM	PHENANTHENE	318	MG/KG	L	0.2300
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIBZAH	318	MG/KG	L	0.2300
GRAB	1	BIOTA	BRACKISH WATER CLAM	INDENO123	318	MG/KG	L	0.2300
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL PYRENE	318	MG/KG	L	0.2300
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ALPHA-BHC	319	MG/KG	L	0.0073
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL BETA-BHC	319	MG/KG	L	0.0073
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL TOXAPHENE	319	MG/KG	L	0.1800
GRAB	1	BIOTA	BRACKISH WATER CLAM	G-BHC	319	MG/KG	L	0.0073
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1016	319	MG/KG	L	0.1800
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1221	319	MG/KG	L	0.1800
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1232	319	MG/KG	L	0.1800
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1242	319	MG/KG	L	0.1800
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1248	319	MG/KG	L	0.1800
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1254	319	MG/KG	L	0.1800
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1260	319	MG/KG	L	0.1800
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ACENAPHTHYLE	318	MG/KG	L	0.2300
GRAB	1	BIOTA	BRACKISH WATER CLAM	LINURON	318	MG/KG	L	0.5700
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL BUTBEP	318	MG/KG	L	0.5700
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL FLUORANTHENE	318	MG/KG	L	0.2300
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL NAPHTHALENE	318	MG/KG	L	0.2300

PRELIMINARY - 12TH YEAR HART-MILLER 'TISSUE CONTAMINANT' DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

155

----- STATION=XIG5406 DATE=93-04-01 TIME=1420 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3915250 LONG=7620350 TIDE=S WEATHER=CLEAR -----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	BRACKISH WATER CLAM	BIS2ETHHEX PHTAL	318	MG/KG	L	0.57
GRAB	1	BIOTA	BRACKISH WATER CLAM	TRIFLURALINE	318	MG/KG	L	0.57
GRAB	1	BIOTA	BRACKISH WATER CLAM	BENZO(B)FLURANTHENE	318	MG/KG	L	0.23
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL PYRENE	318	MG/KG	L	0.23

----- STATION=XIG5700 DATE=93-04-01 TIME=1431 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3915390 LONG=7620570 TIDE=S WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL CHROMIUM	29	MG/KG		0.4000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL NICKEL	34	MG/KG		0.5400
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DDT	319	MG/KG	L	0.0078
GRAB	1	BIOTA	BRACKISH WATER CLAM	DDD	319	MG/KG	L	0.0078
GRAB	1	BIOTA	BRACKISH WATER CLAM	DDE	319	MG/KG	L	0.0078
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL CHLORDANE	319	MG/KG	L	0.1900
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ENDRIN	319	MG/KG	L	0.0078
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL HEPTOCHLOR	319	MG/KG	L	0.0078
GRAB	1	BIOTA	BRACKISH WATER CLAM	THPTCLEP	319	MG/KG	L	0.0078
GRAB	1	BIOTA	BRACKISH WATER CLAM	ALDRIN	319	MG/KG	L	0.0078
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIELDREN	319	MG/KG	L	0.0078
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL MALATHION	318	MG/KG	L	0.9700
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL IRON	40	MG/KG		0.4400
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL MANGANESE	45	MG/KG		0.2500
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ZINC	48	MG/KG		0.6900
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL COPPER	51	MG/KG		0.0490
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ATRAZIN	318	MG/KG	L	0.9700
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIAZINON	318	MG/KG	L	0.9700
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL METHYL PARA	318	MG/KG	L	0.9700
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ETHYLPAR	318	MG/KG	L	0.9700
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIBUTH	318	MG/KG	L	0.9700
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. DI OCTYL	318	MG/KG	L	0.9700
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. DIETPTH	318	MG/KG	L	0.9700
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. DIMEPTH	318	MG/KG	L	0.9700
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BENZANT	318	MG/KG	L	0.3900
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BENZPYR	318	MG/KG	L	0.3900
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BENZFLR	318	MG/KG	L	0.3900
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. CHRYSEN	318	MG/KG	L	0.3900
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. ACENPTH	318	MG/KG	L	0.3900
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. ANTHRAC	318	MG/KG	L	0.3900
GRAB	1	BIOTA	BRACKISH WATER CLAM	FLUORENE	318	MG/KG	L	0.3900
GRAB	1	BIOTA	BRACKISH WATER CLAM	PHENANTHENE	318	MG/KG	L	0.3900
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIBZABA	318	MG/KG	L	0.3900
GRAB	1	BIOTA	BRACKISH WATER CLAM	INDENO123	318	MG/KG	L	0.3900
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL PYRENE	318	MG/KG	L	0.3900
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ALPHA-BHC	319	MG/KG	L	0.0078
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL BETA-BHC	319	MG/KG	L	0.0078
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL TOXAPHENE	319	MG/KG	L	0.1900
GRAB	1	BIOTA	BRACKISH WATER CLAM	G-BHC	319	MG/KG	L	0.0078

PRELIMINARY - 12TH YEAR HART-MILLER 'TISSUE CONTAMINANT' DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

156

----- STATION=XIG5700 DATE=93-04-01 TIME=1431 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3915390 LONG=7620570 TIDE=S WEATHER=CLEAR -----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1016	319	MG/KG	L	0.19
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1221	319	MG/KG	L	0.19
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1232	319	MG/KG	L	0.19
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1242	319	MG/KG	L	0.19
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1248	319	MG/KG	L	0.19
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1254	319	MG/KG	L	0.19
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1260	319	MG/KG	L	0.19
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ACENAPHTHYLE	318	MG/KG	L	0.39
GRAB	1	BIOTA	BRACKISH WATER CLAM	LINURON	318	MG/KG	L	0.97
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL BUTBEP	318	MG/KG	L	0.97
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL FLUORANTHENE	318	MG/KG	L	0.39
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL NAPHTHALENE	318	MG/KG	L	0.39
GRAB	1	BIOTA	BRACKISH WATER CLAM	BIS2ETHHEX PHTAL	318	MG/KG		211.00
GRAB	1	BIOTA	BRACKISH WATER CLAM	TRIFLURALINE	318	MG/KG	L	0.97
GRAB	1	BIOTA	BRACKISH WATER CLAM	BENZO(B)FLURANTHENE	318	MG/KG	L	0.39
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL PYRENE	318	MG/KG	L	0.39

----- STATION=XIG6089 DATE=93-04-01 TIME=1454 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3916580 LONG=7618510 TIDE=S WEATHER=CLEAR -----

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL CHROMIUM	29	MG/KG		0.380
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DDT	319	MG/KG	L	0.012
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL MALATHION	318	MG/KG	L	3.700
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL NICKEL	34	MG/KG		0.520
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL IRON	40	MG/KG		0.420
GRAB	1	BIOTA	BRACKISH WATER CLAM	DDD	319	MG/KG	L	0.012
GRAB	1	BIOTA	BRACKISH WATER CLAM	DDE	319	MG/KG		0.020
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL CHLORDANE	319	MG/KG	L	0.290
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ENDRIN	319	MG/KG	L	0.012
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL HEPTOCHLOR	319	MG/KG	L	0.012
GRAB	1	BIOTA	BRACKISH WATER CLAM	THPTCLEP	319	MG/KG	L	0.012
GRAB	1	BIOTA	BRACKISH WATER CLAM	ALDRIN	319	MG/KG	L	0.012
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIELDREN	319	MG/KG	L	0.012
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ALPHA-BHC	319	MG/KG	L	0.012
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ATRAZIN	318	MG/KG	L	3.700
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL MANGANESE	45	MG/KG		0.240
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ZINC	48	MG/KG		0.660
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL COPPER	51	MG/KG		0.047
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIAZINON	318	MG/KG	L	3.700
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL METHYL PARA	318	MG/KG	L	3.700
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ETHYLPAR	318	MG/KG	L	3.700
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIBUPHT	318	MG/KG	L	3.700
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. DIOCTYL	318	MG/KG	L	3.700
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. DIETPTH	318	MG/KG	L	3.700
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. DIMEPTH	318	MG/KG	L	3.700
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BENZANT	318	MG/KG	L	1.500
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BENZPYR	318	MG/KG	L	1.500

PRELIMINARY - 12TH YEAR HART-MILLER 'TISSUE CONTAMINANT' DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

157

----- STATION=XIG6089 DATE=93-04-01 TIME=1454 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3916580 LONG=7618510 TIDE=S WEATHER=CLEAR -----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. BENZFLR	318	MG/KG	L	1.500
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. CHRYSEN	318	MG/KG	L	1.500
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. ACENPTH	318	MG/KG	L	1.500
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOT. ANTHRAC	318	MG/KG	L	1.500
GRAB	1	BIOTA	BRACKISH WATER CLAM	FLUORENE	318	MG/KG	L	1.500
GRAB	1	BIOTA	BRACKISH WATER CLAM	PHENANTHENE	318	MG/KG	L	1.500
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL DIBZAH	318	MG/KG	L	1.500
GRAB	1	BIOTA	BRACKISH WATER CLAM	INDENO123	318	MG/KG	L	1.500
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL PYRENE	318	MG/KG	L	1.500
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL BETA-BHC	319	MG/KG	L	0.012
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL TOXAPHENE	319	MG/KG	L	0.290
GRAB	1	BIOTA	BRACKISH WATER CLAM	G-BHC	319	MG/KG	L	0.012
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1016	319	MG/KG	L	0.290
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1221	319	MG/KG	L	0.290
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1232	319	MG/KG	L	0.290
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1242	319	MG/KG	L	0.290
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1248	319	MG/KG	L	0.290
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1254	319	MG/KG	L	0.290
GRAB	1	BIOTA	BRACKISH WATER CLAM	PCB-1260	319	MG/KG	L	0.290
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL ACENAPHTHYLE	318	MG/KG	L	1.500
GRAB	1	BIOTA	BRACKISH WATER CLAM	LITHURON	318	MG/KG	L	3.700
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL BUTBEP	318	MG/KG	L	3.700
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL FLUORANTHENE	318	MG/KG	L	1.500
GRAB	1	BIOTA	BRACKISH WATER CLAM	TOTAL NAPHTHALENE	318	MG/KG	L	1.500
GRAB	1	BIOTA	BRACKISH WATER CLAM	BIS2ETHHEX PHTAL	318	MG/KG		785.000
GRAB	1	BIOTA	BRACKISH WATER CLAM	TRIFLURALINE	318	MG/KG	L	3.700
GRAB	1	BIOTA	BRACKISH WATER CLAM	BENZO(B)FLURANTHENE	318	MG/KG	L	1.500
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL CHROMIUM	29	MG/KG		0.400
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL NICKEL	34	MG/KG		0.550
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL DDT	319	MG/KG	L	0.021
GRAB	2	BIOTA	BRACKISH WATER CLAM	DDD	319	MG/KG	L	0.021
GRAB	2	BIOTA	BRACKISH WATER CLAM	DDE	319	MG/KG	L	0.021
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL CHLORDANE	319	MG/KG	L	0.520
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL ENDRIN	319	MG/KG	L	0.021
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL HEPTOCHLOR	319	MG/KG	L	0.021
GRAB	2	BIOTA	BRACKISH WATER CLAM	THPTCLEP	319	MG/KG	L	0.021
GRAB	2	BIOTA	BRACKISH WATER CLAM	ALDRIN	319	MG/KG	L	0.021
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL DIELDREN	319	MG/KG	L	0.021
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL MALATHION	318	MG/KG	L	5.600
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL IRON	40	MG/KG		0.450
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL MANGANESE	45	MG/KG		0.250
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL ZINC	48	MG/KG		0.700
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL COPPER	51	MG/KG		0.050
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL ATRAZIN	318	MG/KG	L	5.600
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL DIAZINON	318	MG/KG	L	5.600
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL METHYL PARA	318	MG/KG	L	5.600
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL ETHYLPAR	318	MG/KG	L	5.600
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL DIBUPHT	318	MG/KG	L	5.600
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. DIOCTYL	318	MG/KG	L	5.600
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. DIETPTH	318	MG/KG	L	5.600

PRELIMINARY - 12TH YEAR HART-MILLER 'TISSUE CONTAMINANT' DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

158

----- STATION=XIG6089 DATE=93-04-01 TIME=1454 DEPTH=14 COUNTY=BA BASIN=2139997 LAT=3916580 LONG=7618510 TIDE=S WEATHER=CLEAR -----  
 (continued)

METHOD	GRAB NUMBER	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	REMARK	VALUE
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. DIMEPTH	318	MG/KG	L	5.600
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. BENZANT	318	MG/KG	L	2.200
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. BENZPYR	318	MG/KG	L	2.200
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. BENZFLR	318	MG/KG	L	2.200
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. CHRYSEN	318	MG/KG	L	2.200
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. ACENPH	318	MG/KG	L	2.200
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOT. ANTHRAC	318	MG/KG	L	2.200
GRAB	2	BIOTA	BRACKISH WATER CLAM	FLUORENE	318	MG/KG	L	2.200
GRAB	2	BIOTA	BRACKISH WATER CLAM	PHENANTHENE	318	MG/KG	L	2.200
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL DIBZABA	318	MG/KG	L	2.200
GRAB	2	BIOTA	BRACKISH WATER CLAM	INDENO123	318	MG/KG	L	2.200
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL PYRENE	318	MG/KG	L	1.500
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL ALPHA-BHC	319	MG/KG	L	0.021
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL BETA-BHC	319	MG/KG	L	0.021
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL TOXAPHENE	319	MG/KG	L	0.520
GRAB	2	BIOTA	BRACKISH WATER CLAM	G-BHC	319	MG/KG	L	0.021
GRAB	2	BIOTA	BRACKISH WATER CLAM	PCB-1016	319	MG/KG	L	0.520
GRAB	2	BIOTA	BRACKISH WATER CLAM	PCB-1221	319	MG/KG	L	0.520
GRAB	2	BIOTA	BRACKISH WATER CLAM	PCB-1232	319	MG/KG	L	0.520
GRAB	2	BIOTA	BRACKISH WATER CLAM	PCB-1242	319	MG/KG	L	0.520
GRAB	2	BIOTA	BRACKISH WATER CLAM	PCB-1248	319	MG/KG	L	0.520
GRAB	2	BIOTA	BRACKISH WATER CLAM	PCB-1254	319	MG/KG	L	0.520
GRAB	2	BIOTA	BRACKISH WATER CLAM	PCB-1260	319	MG/KG	L	0.520
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL ACENAPHTHYLE	318	MG/KG	L	2.200
GRAB	2	BIOTA	BRACKISH WATER CLAM	LINURON	318	MG/KG	L	5.600
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL BUTBEP	318	MG/KG	L	5.600
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL FLUORANTHENE	318	MG/KG	L	2.200
GRAB	2	BIOTA	BRACKISH WATER CLAM	TOTAL NAPHTHALENE	318	MG/KG	L	2.200
GRAB	2	BIOTA	BRACKISH WATER CLAM	BIS2ETHHEX PHTAL	318	MG/KG	L	5.600
GRAB	2	BIOTA	BRACKISH WATER CLAM	TRIFLURALINE	318	MG/KG	L	5.600
GRAB	2	BIOTA	BRACKISH WATER CLAM	BENZO(B)FLURANTHENE	318	MG/KG	L	2.200
GRAB	3	BIOTA	BRACKISH WATER CLAM	TOTAL PYRENE	318	MG/KG	L	2.200
GRAB	4	BIOTA	BRACKISH WATER CLAM	TOTAL PYRENE	318	MG/KG	L	2.200

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

1

----- STATION=XIF3325 DATE=92-12-14 TIME=1004 DEPTH=18 COUNTY=BA BASIN=2139997 LAT=3913170 LONG=7622300 TIDE= WEATHER=CLOUDY -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	16
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	29
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	23
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	6
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	14
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	34
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	16
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	42
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	32
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	41
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	8
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	11
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	14
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	34
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	39
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	39
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	167
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	57
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	125
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	17
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	16
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	15
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	MEMBRANIPORA THUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	9
GRAB	BIOTA	MEMBRANIPORA THUIS	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	MEMBRANIPORA THUIS	NUMBER OF INDIVIDUALS	64	COUNT	3	5

----- STATION=XIF3325 DATE=93-04-01 TIME=923 DEPTH=19 COUNTY=BA BASIN=2139997 LAT=3913170 LONG=7622300 TIDE= WEATHER=FOG-HAZE -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	1

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

2

----- STATION=XIF3325 DATE=93-04-01 TIME=923 DEPTH=19 COUNTY=BA BASIN=2139997 LAT=3913170 LONG=7622300 TIDE= WEATHER=FOG-HAZE -----  
 (continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	6
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	42
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	21
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	62
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	6
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	8
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	20
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	19
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	247
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	6
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	17
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	18
GRAB	BIOTA	BALTIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	24
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	41
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	30
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	34
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	EDOTEA TRILOBA	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	COROPHUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	142
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	185
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	200
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	2	4
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	3	6
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	8
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	2	6
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	6
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	3	1

----- STATION=XIF3325 DATE=93-08-02 TIME=951 DEPTH=20 COUNTY=BA BASIN=2139997 LAT=3913170 LONG=7622300 TIDE=EBB WEATHER=CLEAR -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	10
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	4

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
RESOURCE MONITORING DATABASE

3

----- STATION=XIF3325 DATE=93-08-02 TIME=951 DEPTH=20 COUNTY=BA BASIN=2139997 LAT=3913170 LONG=7622300 TIDE=EBB WEATHER=CLEAR -----  
(continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	6
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	11
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	8
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	5
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	3
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	6
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	9
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	2	10
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	12
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	102
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	12
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	7
GRAB	BIOTA	HYDROBIA SP	NUMBER OF INDIVIDUALS	64	COUNT	1	15
GRAB	BIOTA	HYDROBIA SP	NUMBER OF INDIVIDUALS	64	COUNT	3	12
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	45
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	11
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	32
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	26
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	14
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	21
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	15
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	2	14
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	15
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MELITA NITIDA	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	UNIDENTIFIED CHIRONomid LARVAE	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	UNIDENTIFIED CHIRONomid LARVAE	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	UNIDENTIFIED CHIRONomid LARVAE	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	4
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	2	76
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	3	94

----- STATION=XIF3638 DATE=92-12-14 TIME=1500 DEPTH=3 COUNTY=BA BASIN=2139997 LAT=3913370 LONG=7623470 TIDE= WEATHER=CLOUDY -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	WHITE BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
RESOURCE MONITORING DATABASE

4

----- STATION=XIF3638 DATE=92-12-14 TIME=1500 DEPTH=3 COUNTY=BA BASIN=2139997 LAT=3913370 LONG=7623470 TIDE= WEATHER=CLOUDY -----  
(continued)

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	GAMMARUS TIGRINUS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	VICTORELLA PAVIDA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	

----- STATION=XIF3638 DATE=92-12-14 TIME=1500 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3913370 LONG=7623470 TIDE= WEATHER=CLOUDY -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	VICTORELLA PAVIDA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	

---- STATION=XIF3638 DATE=93-08-02 TIME=1445 DEPTH=3 COUNTY=BA BASIN=2139997 LAT=3913370 LONG=7623470 TIDE=FLOOD WEATHER=CLEAR ----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	CORDYLOPHORA CASPIA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	GARVEIA FRANCISCANA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	WHITE BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	VICTORELLA PAVIDA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	

---- STATION=XIF3638 DATE=93-08-02 TIME=1445 DEPTH=8 COUNTY=BA BASIN=2139997 LAT=3913370 LONG=7623470 TIDE=FLOOD WEATHER=CLEAR ----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	CORDYLOPHORA CASPIA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	GARVEIA FRANCISCANA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	CLAM WORM	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	2	
GRAB	BIOTA	POLYDORA LIGNI	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	WHITE BARNACLE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	COROPHIUM LACUSTRE	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	3	
GRAB	BIOTA	VICTORELLA PAVIDA	NUMBER OF INDIVIDUALS	154	ESTIMATED DENSITY	1	

PRELIMINARY - 12TH YEAR HART-MILLER BENTHIC ORGANISM DATA  
 ARCHIVED IN THE DNR CHESAPEAKE BAY RESEARCH AND MONITORING  
 RESOURCE MONITORING DATABASE

5

----- STATION=XIF4124 DATE=92-12-14 TIME=1030 DEPTH=16 COUNTY=BA BASIN=2139997 LAT=3914080 LONG=7622240 TIDE= WEATHER=CLOUDY -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	6
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	4
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	13
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	8
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	1	15
GRAB	BIOTA	STREBLOSPIO BENEDICTI	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	54
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	26
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	7
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	25
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	27
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	30
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	3	29
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	1	32
GRAB	BIOTA	LEPTOCHEIRUS PLUMULOSUS	NUMBER OF INDIVIDUALS	64	COUNT	3	21
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	1	5
GRAB	BIOTA	MONOCULODES EDWARDSI	NUMBER OF INDIVIDUALS	64	COUNT	3	12
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MUD CRAB	NUMBER OF INDIVIDUALS	64	COUNT	3	1
GRAB	BIOTA	MEMBRANIPORA TNUIS	NUMBER OF INDIVIDUALS	64	COUNT	1	1

----- STATION=XIF4124 DATE=93-04-01 TIME=1002 DEPTH=15 COUNTY=BA BASIN=2139997 LAT=3914080 LONG=7622240 TIDE= WEATHER=FOG-HAZE -----

METHOD	MEDIA	SPECIES	VARIABLE	METHOD	UNITS	GRAB	VALUE
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MICRURA LEIDYI	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	1	6
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	2	24
GRAB	BIOTA	HETEROMASTUS FILIFORMIS	NUMBER OF INDIVIDUALS	64	COUNT	3	2
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	3
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	2	8
GRAB	BIOTA	GREEN WORM	NUMBER OF INDIVIDUALS	64	COUNT	3	3
GRAB	BIOTA	PADDLE WORM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	1	6
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	2	35
GRAB	BIOTA	PELOSCOLEX SP	NUMBER OF INDIVIDUALS	64	COUNT	3	7
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	BRACKISH WATER CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	1
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	17
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	19
GRAB	BIOTA	BALTHIC CLAM	NUMBER OF INDIVIDUALS	64	COUNT	3	5
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	1	1
GRAB	BIOTA	MITCHELLS CLAM	NUMBER OF INDIVIDUALS	64	COUNT	2	2
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	1	26
GRAB	BIOTA	CYATHURA POLITA	NUMBER OF INDIVIDUALS	64	COUNT	2	27

