

THE CONTINUING STATE ASSESSMENT OF  
THE ENVIRONMENTAL IMPACTS OF OPERATION OF  
THE HART-MILLER ISLAND CONTAINMENT FACILITY

EIGHTH ANNUAL DATA REPORT  
August 1988 - August 1989

Submitted to

MARYLAND PORT ADMINISTRATION

Prepared for

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By

DEPARTMENT OF NATURAL RESOURCES  
TIDEWATER ADMINISTRATION

January 1990

MPA Contract No. 389006

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RECEIVED  
JAN 15 1964

PROFESSOR J. H. GOLDSTEIN  
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5800 S. UNIVERSITY AVENUE  
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Dear Professor Goldstein:

Thank you for your letter of January 10, 1964, regarding the manuscript of the paper on the kinetics of the reaction of hydrogen peroxide with hydrogen sulfide in the presence of a catalyst.

The manuscript has been received and is being read by the members of the editorial board. We will be glad to accept it for publication if you have no further comments to make.

Very truly yours,  
J. H. Goldstein

Enclosed for you are two copies of the proof of the paper. Please return the original proof to the Editor, J. H. Goldstein, Department of Chemistry, University of Chicago, 5800 S. University Avenue, Chicago, Illinois 60637, as soon as possible.

## FOREWORD

The eighth annual data report represents the results of monitoring of the Hart-Miller Island dredge containment facility conducted from August 1988 through August 1989. Data reports from each of the principal investigators are included. Also included are printouts for the Resource Monitoring Data Storage System. There is no data from Project I because this is a scientific coordinating and data managing project. This is the companion to an associated interpretive report entitled "The Continuous State Assessment of the Environmental Impacts of Operation of the Hart-Miller Island Containment Facility, Eighth Annual Interpretive Report."

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

Project II

SEDIMENTARY ENVIRONMENT  
EIGHTH YEAR DATA REPORT  
(November 1988 - October 1989)

by

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**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 Containment Facility. The reported data were collected under the Sedimentary Environment Project (Project II) of that contract, the primary objective of which 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 analyses of samples collected on two cruises aboard the R/V Discovery during the eighth year of monitoring. Surficial sediment and core stations, established during the initial phase of this project, are shown in Figure 1-1. Sampling sites were located in the field by means of the LORAN-C navigational system. For the past six years, the same LORAN X and Y TDs (time delays) have been used to locate stations. 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

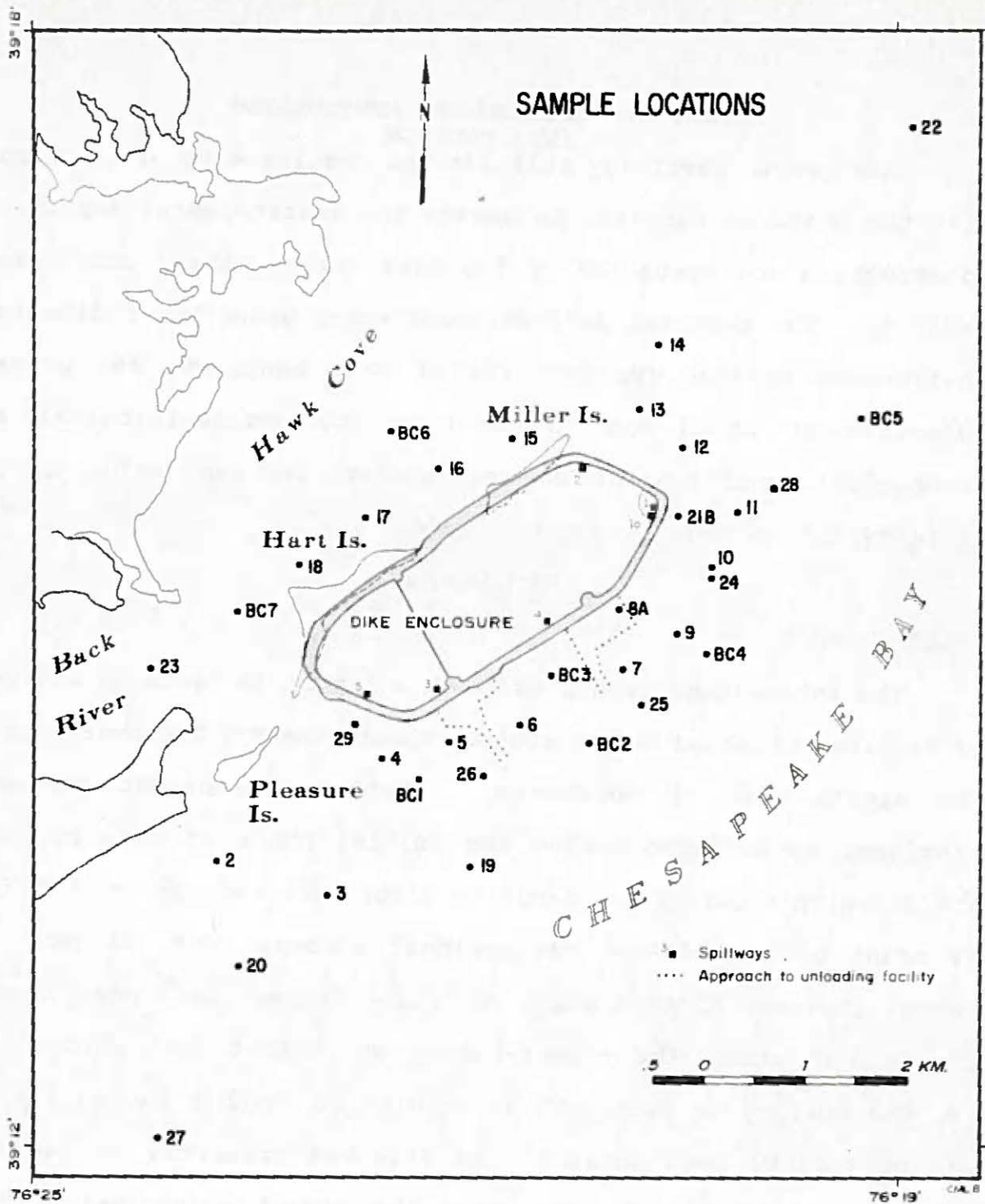


Figure 1-1: The Hart-Miller Island Containment Facility and vicinity with locations of the surficial sediment and core stations sampled during the eighth year of exterior monitoring.

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 TDs were converted to 'corrected' latitudes and longitudes using a computer program that incorporates the results of a LORAN-C calibration in Chesapeake Bay (Halka, 1987). The LORAN-C TDs, latitude, and longitude for each station are listed in Table 1-2.

Surficial sediment samples were collected in November 1988 (Cruise 19) and April 1989 (Cruise 20). Thirty stations, including a new location (29) adjacent to the recently constructed spillway no. 5, were occupied during each of the cruises. Grab samples were also taken at all of the box core stations (BC-1 through BC-7) during the November cruise.

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 for textural and trace metal analyses. At eight stations (3, 19, 21B, 23, 24, 28, BC-3, and BC-6), a second grab sample was taken for organic contaminant analysis. Triplicate grab samples were collected at three stations (11, 12, and 24) in November 1988 and at two stations (11 and 24) in April 1989. Upon collection, each sediment sample was described lithologically (Tables 1-3 and 1-7) 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 Martel Laboratory Services, Inc. for analysis.

During the April cruise, one core was collected at each of the seven box core (BC) stations, and five were collected at or near station 12 (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 and 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 MGS, 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. Photographs of the xeroradiographs appear in an appendix to the Eighth Year Interpretive Report.

Each core was then extruded, photographed, and described. Visual and radiographic observations of the cores are presented in the appendix of this report. 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 (1) water content, (2) sand-silt-clay content, and (3) organic and carbonate content. Values of the measured textural parameters are tabulated separately for the surficial samples (Tables 1-4 and 1-8) and for the core subsamples (Table 1-11).

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- $\mu\text{m}$  mesh to separate the sand from the mud (silt plus clay) fraction (see Table 1-1 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 Shepard's (1954) classification (Fig. 1-2).

Organic and carbonate content was approximated by the percent weight loss due to sample preparation (i.e., pre-treatment with acid and peroxide).

#### Trace Metal Analysis

Sediment solids were analyzed for six trace metals - iron (Fe), manganese (Mn), zinc (Zn), copper (Cu), chromium (Cr), and nickel (Ni) - using a lithium metaborate fusion technique, followed by standard flame (Fe, Mn, Zn) or furnace (Cr, Cu, Ni) atomic absorption spectrophotometry. This procedure, based on methods developed by Suhr and Ingamells (1966) for whole rock analysis, was refined specifically for the analysis of Chesapeake Bay sediments

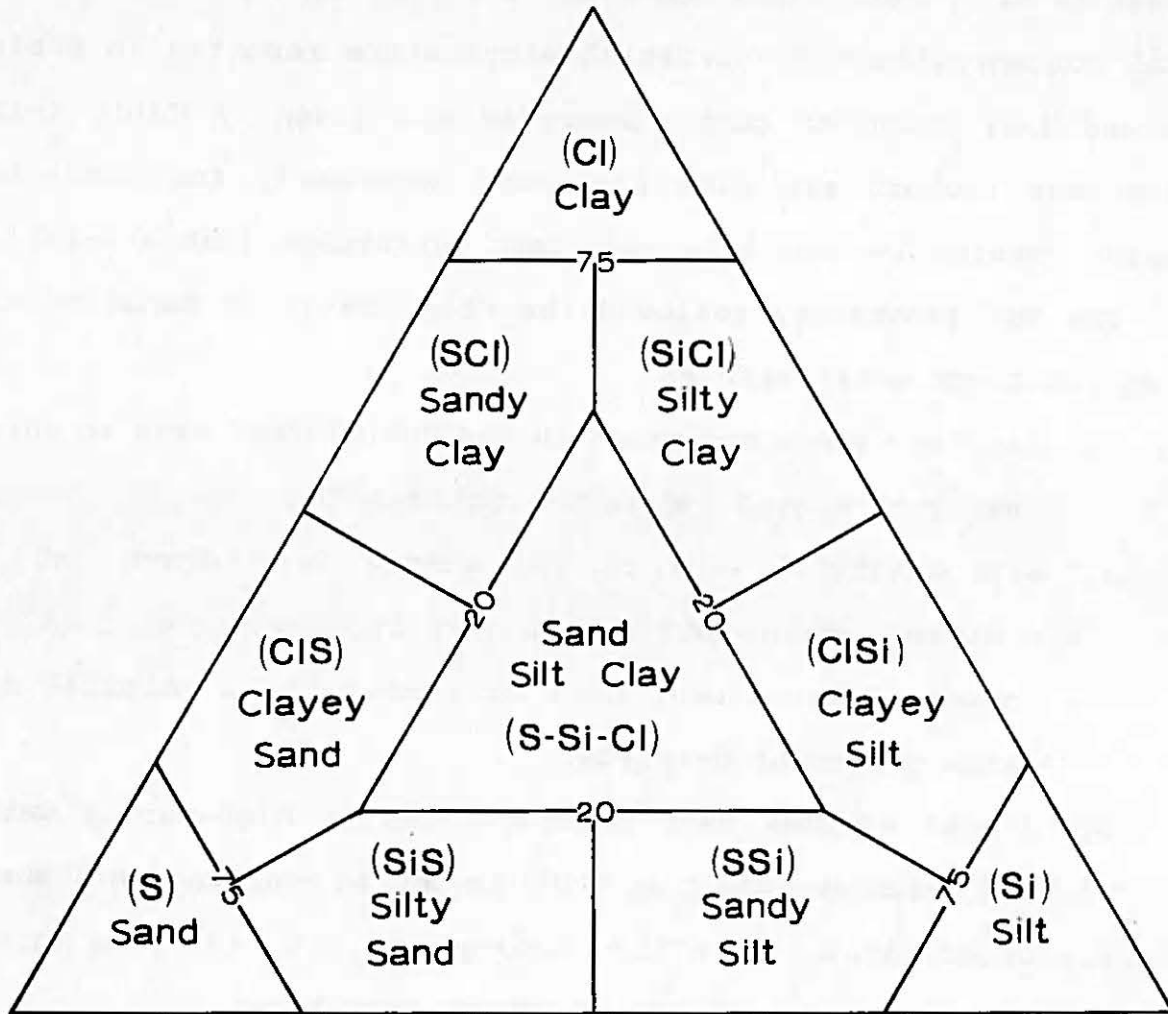


Figure 1-2: Shepard's (1954) classification of sediment type.

(Sinex et al., 1980; Sinex and Helz, 1981; Cantillo, 1982). Trace metal concentrations of surficial samples are reported in Tables 1-5 and 1-9; those of core subsamples are given in Table 1-12. Enrichment factors are also tabulated separately for surficial samples (Tables 1-6 and 1-10) and core subsamples (Table 1-13).

The MGS laboratory followed the steps below in handling and preparing trace metal samples:

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 drawn into a modified "Leur-Loc" syringe fitted with a 1.25 mm polyethylene screen, used to remove shell material and large pieces of detritus.
3. Sieved samples were disaggregated in high-purity water and dried overnight at 110°C in teflon evaporating dishes.
4. Dried samples were then hand-ground with an agate mortar and pestle and stored in "Whirl-Pak" bags.
5. Samples were weighed ( $0.2 \pm 0.0002$  g) into a drill-point graphite crucible (7.8 cc vol.) and mixed with  $\text{LiBO}_2$  ( $1.0 \pm 0.01$  g).
6. The crucibles were placed in a highly regulated muffle furnace at  $1050 \pm 5^\circ\text{C}$  for 30 min.
7. The molten beads produced by heating were poured directly into teflon beakers containing 100 ml of a solution composed of 4%  $\text{HNO}_3$ , 1000 ppm La (from  $\text{La}(\text{NO}_3)_3$ ), and 2000 ppm Cs (from  $\text{CsNO}_3$ ), and stirred for 10 min. If dissolution did not occur within 30 min, the solution and



bead were discarded and the sample was re-fused.

8. The dissolved samples were transferred to polyethylene bottles and stored for analysis.

All surfaces that came into contact with the samples were acid washed (3 days 1:1 HNO<sub>3</sub>; 3 days 1:1 HCl), rinsed six times in high purity water (less than 5 mega-ohms), and stored in high-purity water until use.

The dissolved samples were analyzed with a Perkin-Elmer atomic absorption spectrophotometer (Model #3030B) using the method of bracketing standards (Van Loon, 1980). The instrumental parameters used to determine the solution concentrations of Cr, Ni, Zn, and Cu were the recommended, standard F.A.A.S. conditions given in the Perkin-Elmer manuals. Fe and Mn were analyzed using an acetylene-nitrous flame in order to eliminate interferences due to Al and Si (Butler, 1975). Blanks were run every 12 samples, and National Bureau of Standards Reference Material #1646 (Estuarine Sediment) was run five times every 24 samples.

## PART 2: BEACH EROSION STUDY

### INTRODUCTION

Since the spring of 1983, the Maryland Geological Survey (MGS) has been assessing the erosional problems affecting the recreational beach between Hart and Miller Islands. The primary objectives of the study are to identify the erosional and depositional processes acting on the beach and to evaluate beach stability.

### METHODOLOGY

In May 1984, MGS established ten profile lines along the recreational beach (Fig. 2-1). These lines roughly coincided with those established by the Waterway Improvement Division of the Tidewater Administration during a hydrographic survey of the beach in the summer of 1983. Nine of the ten lines were surveyed during the sixth year of the beach study. The tenth line, at station 22+00, was shifted to 21+75 because of the erection of comfort stations in May and June 1988. Four of the profile lines (21+75, 30+00, 40+00, and 49+00) were extended 300 ft bayward of the water line in order to detect depositional changes in the nearshore. The beach was surveyed five times during the study year: June 1988, September 1988, December 1988, May 1989, and September 1989. The extended profile lines were surveyed twice during the year, in June 1988 and September 1989.

All profile elevations were transferred directly or indirectly from Maryland Port Administration (MPA) bench mark number 281614 (elevation = 14.57 ft MLW), located approximately 22 ft east of the

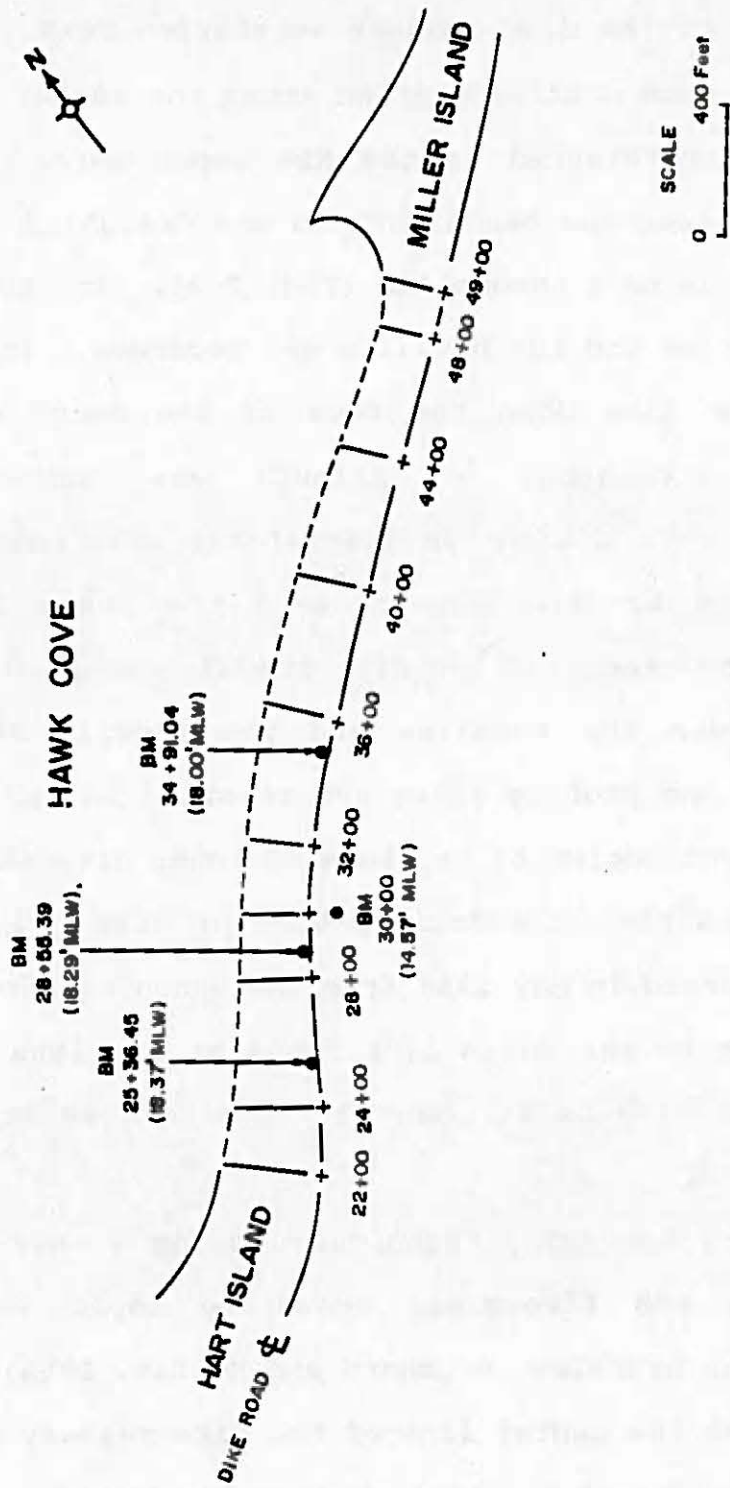
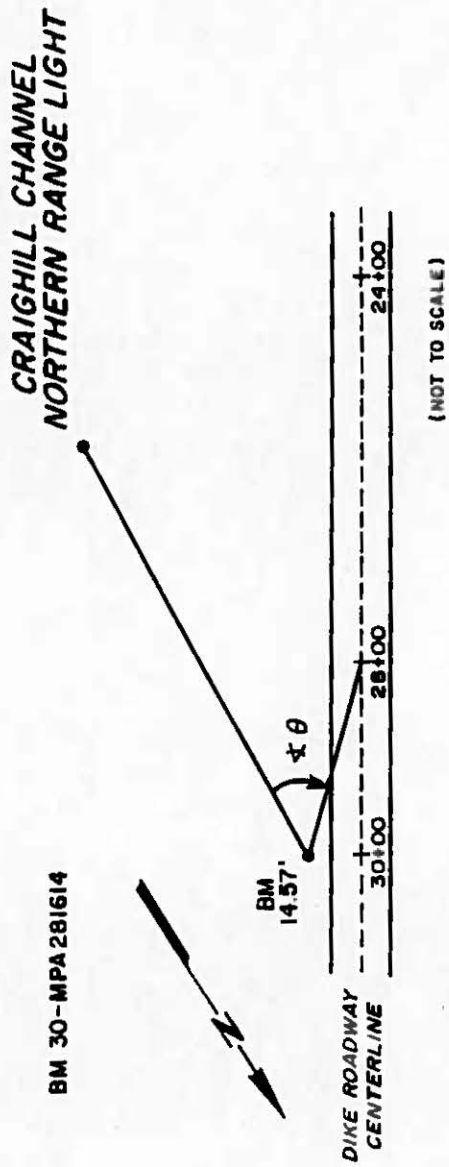


Figure 2-1: Locations of profile lines along the recreational beach between Hart and Miller Islands.

center line of the dike roadway at station 30+00. Initially, the location of each profile station along the center line of the dike roadway was referenced to the MPA bench mark. A baseline was established from the bench mark to the Craighill Channel Northern Range light using a theodolite (Fig. 2-2). The angle between each profile station and the baseline was recorded. To ensure that the same profile line down the face of the beach was surveyed on successive occasions, an azimuth was chosen approximately perpendicular to the center line of the dike roadway. The point at which the profile line crossed the chain link fence that separates the beach and the dike roadway was painted orange. The angles between the baseline and the profile stations and the azimuths of the profile lines are reported in Table 2-1.

The construction of an elevated inner dike made the MPA bench mark inaccessible. In anticipation of dike raising, elevations were transferred in May 1988 from the bench mark to cemented pipes located next to the chain link fence at stations 25+36.45 (18.37 ft), 28+55.39 (18.29 ft), and 34+91.04 (18.00 ft) using a self-leveling level.

Standard surveying techniques, using a self-leveling level, stadia rod, and fiberglass measuring tape, were followed in surveying the profiles (Bouchard and Moffit, 1965). Profiles were measured from the center line of the dike roadway downslope in 50-ft increments and at distinct changes in elevation. The water line and elevations below mean low water were also recorded, as was the



(NOT TO SCALE)

Figure 2-2: Established baseline.

time at which the water line station was surveyed. Distance and elevation data from all five surveys are tabulated in Tables 2-2 through 2-6.

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Table 1-1: 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 1-2: LORAN-C and geographic coordinates of stations sampled during the eighth monitoring year

Station number	MGS	RMDSS	LORAN-C time delays		Corrected*		
			X	Y	latitude(N) (deg, min, sec)	longitude(W)	
2		XIF3638	27640.8	42888.1	39 13 32.2	76 23 43.8	
3		XIF3430	27636.5	42886.5	39 13 21.7	76 22 58.1	
4		XIF4126	27637.3	42895.6	39 14 5.4	76 22 35.5	
5		XIF4221	27635.4	42897.0	39 14 10.8	76 22 7.9	
6		XIF4317	27633.4	42898.5	39 14 16.6	76 21 38.9	
7		XIF4609	27631.0	42902.6	39 14 34.5	76 20 56.0	
8A		XIF5009	27632.3	42906.5	39 14 53.8	76 20 57.7	
9		XIF4806	27629.9	42905.2	39 14 46.1	76 20 33.9	
10		XIF5203	27630.0	42909.7	39 15 7.6	76 20 19.3	
11		XIF5501	27630.2	42913.4	39 15 25.3	76 20 8.7	
12		XIF5805	27633.3	42917.4	39 15 46.3	76 20 31.2	
12A			27633.4	42917.6	39 15 47.3	76 20 31.7	
12B			27633.5	42917.4	39 15 46.4	76 20 33.6	
12C			27633.2	42916.9	39 15 43.8	76 20 31.8	
12D			27633.1	42917.2	39 15 45.2	76 20 29.5	
13		XIF6008	27635.5	42919.7	39 15 58.6	76 20 49.1	
14		XIF6407	27636.1	42924.0	39 16 19.5	76 20 41.0	
15		XIF5917	27639.2	42917.2	39 15 49.1	76 21 41.7	
16		XIF5722	27641.1	42914.9	39 15 39.5	76 22 12.4	
17		XIF5427	27642.6	42911.4	39 15 23.8	76 22 42.7	
18		XIF5232	27643.9	42908.0	39 15 8.6	76 23 10.2	
19		XIF3620	27632.3	42889.0	39 13 30.8	76 21 59.3	
20		XIF3064	27638.1	42881.4	39 12 58.6	76 23 35.1	
21B		XIF5505	27632.1	42912.9	39 15 24.1	76 20 32.9	
22		XIG7589	27631.7	42939.2	39 17 29.0	76 18 55.7	
23		XIF4642	27646.8	42900.5	39 14 35.0	76 24 11.5	
24		XIF5302	27629.8	42909.0	39 15 4.1	76 20 19.3	
25		XIF4405	27629.7	42900.4	39 14 23.2	76 20 48.3	
26		XIF4016	27633.6	42895.0	39 14 0.1	76 21 53.6	
27		XIF2038	27637.4	42869.7	39 12 2.7	76 24 8.1	
28		XIG5699	27629.4	42915.1	39 15 33.0	76 19 53.0	
29		XIF4328	27638.8	42897.7	39 14 16.3	76 22 46.0	
BC-1		XIF4024	27635.7	42894.5	39 13 59.1	76 22 20.3	
BC-2		XIF4285	27630.7	42897.6	39 14 10.5	76 21 10.0	
BC-3		XIF4615	27633.3	42901.9	39 14 32.6	76 21 25.8	
BC-4		XIF4703	27628.5	42904.0	39 14 39.5	76 20 21.5	
BC-5		XIF6388	27627.8	42920.1	39 15 55.6	76 19 16.9	
BC-6		XIF5925	27643.4	42917.1	39 15 51.4	76 22 32.0	
BC-7		XIF4964	27645.0	42904.6	39 14 53.2	76 23 35.4	

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

Table 1-3: Field descriptions - surficial sediment samples collected on November 15, 1988 (Cruise 19)

Station number	Water depth (ft.)	Description
2	-	No distinct floc layer - a little organic 'gunk' on top; medium sand (not muddy - clear water coming out), color changes from moderate brown (5 YR 4/4) to pale yellowish brown (10 YR 6/2) (poor match) at about 2 cm, no associated difference in texture between the two bands; a few unbroken <i>Rangia cuneata</i> shell halves at about 6 cm
3	15.0	Moderate brown (5 YR 4/4) floc layer consisting of moderately sandy mud (not quite half sand), many live <i>Rangia</i> in floc layer, also, <i>Macoma</i> ; 2-cm thick surface layer of medium dark gray (N4) sandy mud; underlying layer of mottled medium (N5) to medium dark (N4) gray sandy mud, mottling due to bioturbation (many worms), firm, has a dry feel, but easy to squeeze out water; no odor
4	12.8	Floc layer, about 0.5-cm thick, consisting of moderate brown (5 YR 4/4) and dark yellowish brown (10 YR 4/2) mud, no grit, live <i>Rangia</i> ; below floc, a 2-cm thick surface layer of smooth, soft, medium gray (N5) mud with some very fine grit; plant matter; underlying layer of smooth (no grit), lumpy, medium dark gray (N4) mud (just slightly darker than overlying layer), piece of wood (bark), shells, burrows, no odor
5	18.0	Very slightly gritty, dark yellowish brown (10 YR 4/2) floc layer, about 0.5 cm thick; disarticulated shells and a few live <i>Macoma</i> in floc layer; below floc, a 1.5-cm thick surface layer of very slightly gritty, smooth, moderately soft, medium gray (N5) mud; underlying layer of smooth, firm, medium dark gray (N4) mud, shell fragments; plant matter, worms - some burrows streaking sample; no odor; "fluid mud" layer

Table 1-3 (con't): Field descriptions - surficial sediment samples collected on November 15, 1988 (Cruise 19)

Station number	Water depth (ft.)	Description
6	15.5	Moderate brown (5 YR 4/4) floc layer, about 1 cm thick, with fine grit, live <i>Rangia</i> ; below floc a very wet, slightly gritty, mottled olive gray (5 Y 4/1) and brownish black (5 YR 2/1) mud, texture variably softer and firmer; abundant shell fragments, some plant matter, small log; soupy/sloppy when released from sampler
7	17.0	Smooth, watery, moderate brown (5 YR 4/4) floc layer, about 0.5 cm thick, no grit, live <i>Rangia</i> ; below floc, a 1-cm thick surface layer of smooth, soft, medium gray (N5) mud; live <i>Rangia</i> ; underlying layer of bioturbated, smooth, firm mud with very abundant shells of all sizes; no odor
8A	13.3	Dark yellowish brown (10 YR 4/2) floc layer consisting of slightly gritty mud, about 2 cm thick, many live <i>Rangia</i> ; below floc - brownish gray to brownish black (5 YR 3/1) gray, firm sandy mud, bioturbated, a few worms, plant matter, no odor
9	18.0	Real soft, dark yellowish brown (10 YR 4/2) floc layer, about 2 cm thick, with lots of shells - mostly unbroken, disarticulated <i>Macoma</i> and <i>Rangia</i> ; overlies grayish black (N2) mud, weird texture - both cottage cheesy and firm; heavily bioturbated; many shell fragments and shell halves; no odor
10	14.6	Surface layer of dark yellowish brown (10 YR 4/2), slightly muddy medium sand, about 0.5 cm thick, though varies somewhat in thickness; contains live <i>Rangia</i> ; underlying layer of medium dark gray (N4), slightly muddy sand; shell fragments and shell halves; plant matter; no odor

Table 1-3 (con't): Field descriptions - surficial sediment samples collected on November 15, 1988 (Cruise 19)

Station number	Water depth (ft.)	Description
11	14.7	No floc layer; surface layer, 1 cm thick, of dark yellowish brown (10 YR 4/2), muddy fine sand with many living and dead clams; underlying layer of brownish gray (5 YR 4/1), muddy fine sand with living <i>Rangia</i> and <i>Macoma</i> as well as shell fragments; no odor
12	11.0	No real floc layer; upper 5 cm paved with shells - so many that they obscure physical features; sediment appears to be a dark yellowish brown (10 YR 4/2), fairly cohesive mud, no grit; underlying layer consists of dark gray (N3), fine sandy mud (gritty); some plant matter; no odor; all three grabs looked alike from top
13	8.2	Surface consists of a very thin layer of mixed sand and floc, with some live, adult <i>Rangia</i> remaining grab consists of uniform, moderate yellowish brown (10 YR 5/4), slightly muddy, medium sand (with some coarse grains); no odor
14	12.6	Very thick, moderate brown (5 YR 4/4) floc layer, with a few <i>Rangia</i> - live clams, shell fragments and unbroken shell halves; overlies real soft, smooth (no grit), mottled dark gray (N3) and grayish black (N2) mud, with a few shell fragments; no odor; 6-8 ft visibility in water
15	10.6	Floc layer consisting of moderate brown (5 YR 4/4) (poor match) mud with very little grit; surface covered with clams (more clams than floc) - mostly live, adult <i>Rangia</i> ; underlying layer of moderately firm, very slightly gritty, grayish black (N2) mud; plant matter; no odor

Table 1-3 (con't): Field descriptions - surficial sediment samples collected on November 15, 1988 (Cruise 19)

Station number	Water depth (ft.)	Description
16	10.0	Dark yellowish brown (10 YR 4/2) floc layer, 1 cm thick, consisting of gritty mud; some <i>Rangia</i> in floc layer, both living and dead; overlies gritty, grayish black (N2) sandy mud with many shell fragments; worm burrows; lots of plant matter; no odor
17	9.5	Dark yellowish brown (10 YR 4/2), muddy floc layer, no grit, 1 cm thick, with living <i>Rangia</i> and shell halves; overlies dark gray (N3) mud -not gritty or particularly firm; bioturbated -some very thin worms; plant matter; no odor
18	9.1	Dark yellowish brown (10 YR 4/2), muddy floc layer, no grit, about 0.5 cm thick; abundant <i>Rangia</i> - mostly dead, though some are living; unbroken shell halves; overlies smooth (no grit), firm, grayish black (N2) mud with abundant shells; worm burrows; plant matter; no odor
19	17.5	Moderate brown (5 YR 4/4), very slightly gritty floc layer, about 1 cm thick; <i>Rangia</i> at the surface; overlies 1-2-cm thick layer of smeared, churned up, medium dark gray (N4) mud; below that is a layer of firm, smooth (no grit), grayish black (N2) mud; many dead (articulated and disarticulated) shells; strongly burrowed - thin worm (polychaete); no odor
20	14.4	Moderate brown (5 YR 4/4), slightly gritty, muddy floc layer with live <i>Rangia</i> ; overlies a layer of moderately soft, very slightly gritty, medium dark gray (N4) mud; below that is a layer of firm, grayish black (N2) mud with lots of shell fragments, including one living <i>Rangia</i> and many dead (articulated and disarticulated) ones; bioturbated; plant matter; smells like native sulfur, not sulfide

Table 1-3 (con't): Field descriptions - surficial sediment samples collected on November 15, 1988 (Cruise 19)

Station number	Water depth (ft.)	Description
21B	13.0	No floc layer; surface layer of moderate brown (5 YR 3/4) medium sand; underlying layer (at some depth) consists of muddy sand, mottled with lighter brown; some mud lenses; live <i>Rangia</i> ; dead clams; worm tube; no odor
22	10.6	Moderate brown (5 YR 4/4), gritty, muddy floc layer with many adult and juvenile <i>Rangia</i> , both living and dead (articulated and disarticulated); overlies 1-cm thick layer of variably soft and firm, medium dark gray (N4) sandy mud; below that is a layer of dark gray (N3) sandy mud, similar in texture to the overlying layer; worms; shell fragments and unbroken shell halves
23	-	Floc layer, less than 0.5 cm thick, consisting of moderate yellowish brown (10 YR 5/4) mud, no grit; overlies a layer of very soft, gritty, cottage cheesy (small lumps) mud, grading in color from medium light gray (N6) to medium gray (N5); root fragments; small shell fragments; no odor
24	16.7	Thin (<0.5 cm), moderate brown (5 YR 3/4) floc layer of very gritty, muddy sand; lots of shells - adult and juvenile <i>Rangia</i> (disarticulated, articulated, some living); overlies layer of muddy sand (gritty), grading in color from medium dark gray (N4) to grayish black (N2) - pretty black at the bottom; many shell fragments; worms - bioturbated (streaks of brown); root fragments; no odor
25	18.0	Moderate brown (5 YR 4/4) floc layer, 1 cm thick and full of shells (mostly dead); overlies homogeneous layer of firm, grayish black (N2) mud; heavily bioturbated; abundant shell fragments; plant matter; no odor

Table 1-3 (con't): Field descriptions - surficial sediment samples collected on November 15, 1988 (Cruise 19)

Station number	Water depth (ft.)	Description
26	16.0	Slightly gritty, moderate brown (5 YR 4/4) floc layer, about 1 cm thick, with disarticulated shells; overlies 0.5 cm thick layer of very soft, slightly gritty, dark gray (N3) mud; below that is a layer of smooth, firm, grayish black (N2) mud; packed with shells, but none alive; worm burrows, but no worms; root material; no odor
27	15.7	Moderate brown (5 YR 4/4) floc layer consisting of gritty mud (very fine grit with some medium sand); some live <i>Rangia</i> at the top; overlies a 1-cm thick layer of firm, medium dark gray (N4) mud; below that is a layer of firm, very slightly gritty, grayish black (N2) mud (color change from N4 to N2 is chemical, not textural); loaded with <i>Rangia</i> - about 33% of sample), which have bioturbated sediment; no odor
28	19.0	Moderate brown (5 YR 4/4), slightly gritty floc layer about 1 cm thick; overlies 3 cm of medium dark gray (N4), watery ("very liquid"), gritty mud, loaded with <i>Rangia</i> ; below that is a layer of firm, sandy mud (about 10% sand); abundant shells; plant matter; no odor
29	4.2	No floc layer; mottled moderate brown (5 YR 4/4) and dark yellowish brown (10 YR 4/2) sand with lenses of clay about 1 cm across; bioturbated; a few <i>Rangia</i> - living and disarticulated, unbroken shells; no odor

Table 1-3 (con't): Field descriptions - surficial sediment samples collected on November 15, 1988 (Cruise 19)

Station number	Water depth (ft.)	Description
BC-1	16.0	Dark yellowish brown (10 YR 4/2) floc layer consisting of 0.5 cm of gritty mud; a few small, dead (disarticulated) shells; overlies very firm, smooth (feels like butter cream icing), sticky mud (no sand at all); light olive gray (5 Y 6/1) mottled with medium dark gray (N4) (looks like modelling clay); mottling due to burrowing; live worms - worms are getting through but not clams; some small, disarticulated <i>Mulinia</i> (?); no odor; "fluid mud" layer (didn't split open; light-colored, smooth clayey silt - washes off easily)
BC-2	17.0	Moderate brown (5 YR 4/4), slightly gritty, soft floc layer; overlies 1.5-cm thick layer of soft, smooth, dark gray (N3) mud; below that is a firm, smooth (no grit) layer of grayish black (N2) mud with live <i>Macoma</i> and <i>Rangia</i> ; abundant shells throughout; no worms; no odor
BC-3	4.2	Thin (0.5 cm), very liquid, moderate yellowish brown (10 YR 5/4) floc layer (not as red in color as other grabs); overlies a very firm, mottled dusky red (5 R 3/4) and medium gray (N5) mud streaked with medium dark gray (N4); texture varies - some areas dry, other smooth - feels lumpy as a result; looks like diatomaceous earth; abundant shell fragments throughout; plant matter; no odor; "fluid mud" layer
BC-4	18.2	Dark yellowish brown (10 YR 4/2) floc layer, about 1 cm thick, of smooth, soupy mud with many <i>Rangia</i> fragments and shell halves, a few live <i>Rangia</i> ; overlies firm, dark gray (N3) mud with darker patches where clams died; dead and living <i>Macoma</i> ; many shell fragments, in patches; bioturbated; no odor



Table 1-3 (con't): Field descriptions - surficial sediment samples collected on November 15, 1988 (Cruise 19)

Station number	Water depth (ft.)	Description
BC-5	15.5	Very thick (1 cm), moderate brown (5 YR 4/4) floc layer with live (?) <i>Rangia</i> ; overlies 3 cm of real watery, soft, smooth, medium dark gray (N4) mud with live <i>Macoma</i> ; below that is a layer of smooth, grayish black (N2) mud with abundant shell fragments and shell halves; no odor
BC-6	10.3	Slightly gritty, moderate yellowish brown (10 YR 5/4) floc layer, about 0.5 cm thick, with lots of shell fragments and live <i>Rangia</i> ; overlies a layer of lumpy, dark gray (N3) mud - not gritty and not too firm; shell fragments; worms; strongly bioturbated; no odor
BC-7	10.0	Smooth (not gritty), dark yellowish brown (10 YR 4/2) floc layer, about 1 cm thick; overlies a smooth (not gritty) layer of grayish black (N2) mud - not real firm; a few live <i>Macoma</i> - may be ten shells in whole grab; worms; many burrows - bioturbation has mixed floc into underlying layer; no odor

\* The alphanumeric codes following the color names are Munsell numerical designations; the names themselves are from the Inter-Society Color Council - National Bureau of Standards (ISCC-NBS) system

Table 1-4: Sedimentological parameters - surficial samples collected on November 15, 1988 (Cruise 19)

Station number	Water (%)	Sand (%)	Silt (%)	Clay (%)	Shepard's class	Weight loss (%)
2	22.70	96.77	1.07	2.16	Sa	-
3	30.28	76.37	10.40	13.23	Sa	8.52
4	57.06	2.44	56.16	41.40	ClSi	11.83
5	57.01	6.79	53.60	39.61	ClSi	12.65
6	60.77	2.76	44.81	52.43	SiCl	23.84
7	59.82	2.67	40.69	56.64	SiCl	23.17
8A	44.76	39.67	38.31	22.01	SaSiCl	10.33
9	59.87	3.86	41.00	55.13	SiCl	27.33
10	26.01	96.01	2.21	1.78	Sa	2.35
11-1	23.69	90.48	4.81	4.71	Sa	9.21
11-2	29.49	90.94	5.08	3.98	Sa	10.44
11-3	30.41	89.99	5.35	4.66	Sa	13.63
12-1	54.57	13.90	43.93	42.17	ClSi	20.18
12-2	55.54	9.45	44.79	45.76	SiCl	20.14
12-3	58.95	2.74	46.68	50.58	SiCl	40.37
13	23.59	99.54*	.46	.0	Sa	5.20
14	65.44	1.61	51.17	47.22	ClSi	25.60
15	60.76	2.43	45.65	51.92	SiCl	33.82
16	46.47	46.79	30.88	22.33	SaSiCl	15.86
17	61.16	2.45	43.15	54.41	SiCl	15.86
18	57.37	6.43	49.38	44.19	ClSi	11.38
19	59.95	.25	38.77	60.98	SiCl	17.06
20	59.04	1.64	41.58	56.78	SiCl	14.49
21B	23.73	97.04*	1.51	1.45	Sa	1.54
22	38.71	74.37*	12.34	13.28	ClSa	5.08
23	51.75	45.16	32.57	22.27	SaSiCl	11.45
24-1	27.00	87.04	6.23	6.73	Sa	8.02
24-2	30.77	79.02*	9.50	11.47	Sa	8.36
24-3	28.75	80.75*	8.78	10.47	Sa	15.63
25	59.73	1.59	44.06	54.36	SiCl	20.90
26	61.50	1.13	38.97	59.90	SiCl	23.28
27	59.07	1.91	41.82	56.27	SiCl	30.29
28	46.86	57.18	18.92	23.89	ClSa	11.27
29	24.94	98.62	1.31	.07	Sa	2.10
BC-1	41.28	.24	47.65	52.11	SiCl	7.21
BC-2	51.10	1.10	41.25	57.65	SiCl	35.41
BC-3	42.27	4.43	60.03	35.54	ClSi	12.13
BC-4	62.19	2.65	45.17	52.18	SiCl	24.52
BC-5	63.86	2.12	42.57	55.31	SiCl	20.65

Table 1-4 (con't): Sedimentological parameters - surficial samples collected on November 15, 1988 (Cruise 19)

Station number	Water (%)	Sand (%)	Silt (%)	Clay (%)	Shepard's class	Weight loss (%)
BC-6	64.22	2.04	42.40	55.56	SiCl	21.46
BC-7	59.57	4.20	59.98	35.82	ClSi	20.33

\* includes less than 1% gravel

Table 1-5: Trace metal concentrations - surficial sediment samples collected on November 15, 1988 (Cruise 19)

Station number	Cr (µg/g)	Cu (µg/g)	Fe (wt. %)	Mn (µg/g)	Ni (µg/g)	Zn (µg/g)
2	10.2	7.3	0.20	544	6.8	18.9
3	42.4	20.9	1.47	766	18.9	104.0
4	105.5	44.0	3.97	2424	58.3	250.5
5	97.9	43.4	4.06	2561	56.2	214.8
6	111.8	55.2	4.59	4146	70.2	299.2
7	108.8	53.1	4.81	2620	88.1	116.3
8A	90.5	41.1	2.95	1412	34.6	140.8
9	105.5	52.7	5.08	2330	81.6	281.8
10	20.5	17.6	0.66	657	6.5	42.4
11-1*	34.3	25.7	1.32	1641	16.4	71.4
11-2	25.6	18.6	1.38	1324	16.6	88.1
11-3	23.8	18.4	1.21	1305	14.3	73.7
12-1	105.4	53.8	4.48	3289	50.6	224.1
12-2	98.1	51.2	4.21	3015	54.4	240.1
12-3	102.5	52.1	4.64	5243	58.5	226.3
13	15.7	10.7	0.40	891	8.3	24.6
14	99.0	50.8	4.60	4680	77.3	243.0
15	110.3	52.4	4.14	1773	81.8	252.6
16	92.5	37.4	3.04	716	47.7	164.9
17*	120.5	51.3	4.32	1280	69.8	224.6
18	111.6	53.6	4.05	1001	68.3	261.0
19	109.8	61.4	5.33	3333	97.3	354.2
20	117.4	55.8	4.90	3203	88.2	344.6
21B	6.8	10.0	0.30	954	7.4	21.6
22	44.9	28.0	1.54	578	16.7	93.8
23	87.7	28.2	2.79	772	35.9	133.6
24-1	28.8	20.8	1.35	750	17.7	88.2
24-2	39.4	23.4	1.35	770	18.9	95.5
24-3	32.5	23.2	1.50	624	21.9	95.4
25*	97.1	67.7	5.43	5436	137.1	501.4
26	109.3	55.0	5.14	3967	81.2	332.1
27	122.3	60.0	5.58	7129	94.4	434.3
28	58.5	35.1	2.80	1421	67.6	252.4
29	6.8	4.2	0.30	649	11.2	25.9
BC-1	91.9	30.0	3.10	640	29.8	93.6
BC-2	94.4	50.7	5.13	2358	81.1	313.1
BC-3	105.2	24.2	3.11	464	22.8	104.9
BC-4	148.2	67.4	5.27	3588	112.7	350.1
BC-5	141.4	47.5	5.01	3179	76.6	247.2

Found OK

Table 1-5 (con't): Trace metal concentrations - surficial sediment samples collected on November 15, 1988 (Cruise 19)

Station number	Cr ( $\mu\text{g/g}$ )	Cu ( $\mu\text{g/g}$ )	Fe (wt. %)	Mn ( $\mu\text{g/g}$ )	Ni ( $\mu\text{g/g}$ )	Zn ( $\mu\text{g/g}$ )
BC-6*	125.9	62.1	4.93	1360	82.0	323.9
BC-7	145.6	62.0	3.91	744	53.4	245.4

\* duplicate lab samples averaged

Table 1-6: Enrichment factors - surficial sediment samples collected on November 15, 1988 (Cruise 19)

Station number	Cr	Cu	Mn	Ni	Zn
2	2.70	3.88	15.29	2.39	4.75
3	1.52	1.50	2.90	0.89	3.53
4	1.40	1.17	3.39	1.02	3.14
5	1.27	1.13	3.51	0.96	2.63
6	1.28	1.27	5.01	1.06	3.24
7	1.19	1.16	3.02	1.27	1.20
8A	1.61	1.46	2.66	0.81	2.37
9	1.09	1.09	2.55	1.12	2.76
10	1.62	2.80	5.51	0.68	3.18
11-1*	1.37	2.07	6.91	0.86	2.69
11-2	0.97	1.42	5.33	0.84	3.17
11-3	1.03	1.60	5.98	0.82	3.02
12-1	1.23	1.26	4.07	0.78	2.48
12-2	1.22	1.28	3.98	0.90	2.83
12-3	1.16	1.18	6.28	0.87	2.42
13	2.08	2.85	12.51	1.45	3.09
14	1.13	1.16	5.65	1.17	2.63
15	1.40	1.33	2.38	1.37	3.03
16	1.59	1.29	1.31	1.09	2.69
17*	1.46	1.25	1.64	1.12	2.58
18	1.45	1.39	1.37	1.17	3.20
19	1.08	1.21	3.48	1.27	3.30
20	1.26	1.20	3.63	1.25	3.49
21B	1.17	3.45	17.38	1.69	3.52
22	1.53	1.91	2.09	0.75	3.03
23	1.65	1.06	1.54	0.89	2.38
24-1	1.11	1.62	3.08	0.91	3.24
24-2	1.53	1.82	3.17	0.97	3.51
24-3	1.14	1.63	2.31	1.01	3.16
25*	0.94	1.31	5.56	1.75	4.59
26	1.11	1.12	4.28	1.09	3.21
27	1.15	1.13	7.09	1.17	3.87
28	1.10	1.32	2.82	1.68	4.48
29	1.20	1.48	12.15	2.62	4.34
BC-1	1.56	1.02	1.15	0.67	1.50
BC-2	0.97	1.04	2.55	1.10	3.03
BC-3	1.77	0.82	0.83	0.51	1.68
BC-4	1.47	1.35	3.78	1.48	3.30
BC-5	1.48	1.00	3.53	1.06	2.45

Table 1-6 (con't): Enrichment factors - surficial sediment samples collected on November 15, 1988 (Cruise 19)

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Station number	Cr	Cu	Mn	Ni	Zn
BC-6*	1.34	1.32	1.54	1.16	3.26
BC-7	1.95	1.67	1.06	0.95	3.12

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\* duplicate lab samples averaged

Table 1-7: Field descriptions - surficial sediment samples collected on April 3, 1989 (Cruise 20)

Station number	Water depth (ft.)	Description
2	8.0	No floc layer; moderate brown (5 YR 3/4)*, muddy fine sand, mottled with other colors; plant matter; no odor; some sample washed out as sampler was pulled up - may have lost some fines
3	15.0	Dark yellowish brown (10 YR 4/2) floc layer, 1-2 cm thick, consisting of gritty, watery mud; overlies predominantly dark gray (N3), muddy fine sand mottled with dark yellowish brown (10 YR 4/2) - mottling due to bioturbation, neither soft nor firm, variably sandier and muddier; some articulated and disarticulated, juvenile (1 in. long) <i>Rangia</i> shells in floc layer; a few shells in underlying layer; many worms; plant matter; no odor
4	13.0	Thick floc layer consisting of smooth (no grit), soft, fluffy, moderate brown (5 YR 3/4) mud; overlies predominantly grayish black (N2) mud mottled with olive gray (5 Y 4/1); smooth (no grit), varies in texture - neither soft nor firm; a few articulated shells in floc layer; very few shells in underlying layer; lots of worms; no odor
5	17.0	Thick (2.5 cm) floc layer consisting of smooth (no grit), soft, fluffy, moderate brown (5 YR 3/4) mud; overlies very smooth, creamy, medium dark gray to dark gray (N3.5) mud, uniform in color ("fluid mud layer"); no shells in floc layer; a few disarticulated <i>Rangia</i> and <i>Macoma</i> shells, 1 in. long, below floc



Table 1-7 (con't): Field descriptions - surficial sediment samples collected on April 3, 1989 (Cruise 20)

Station number	Water depth (ft.)	Description
6	15.0	Fluffy, muddy, moderate brown (5 YR 3/4) floc layer, about 2 cm thick; overlies predominantly grayish black (N2) mud mottled with moderate brown (5 YR 3/4); smooth, sticky, neither soft nor firm; lots of articulated and disarticulated shells in floc; some shell fragments and unbroken shell halves beneath floc; many burrows, some the same color as the floc layer; smells like dead organisms
7	17.0	Floc layer consisting of moderate brown (5 YR 3/4) mud; overlies dark gray to grayish black (N2.5) mud mottled with moderate brown (5 YR 3/4), neither soft nor firm; floc layer very shelly - disarticulated adult and juvenile <i>Rangia</i> , a few shells, mostly shell halves, in underlying layer - friable, about 1 cm long; lots of burrows; smells like dead organisms
8A	13.0	Soft, dark yellowish brown (10 YR 4/2) floc layer consisting of 1 cm of soft, medium sandy mud; overlies predominantly medium dark to dark gray (N3.5) fine to medium sandy mud mottled with black (N1) around decomposing organisms, varies in relative amounts of sand and mud; creamy, olive gray (5 Y 4/1) sediments at depth ("fluid mud" layer?); a few shells below floc layer; large wood fragment; no odor
9	19.0	Watery, muddy, moderate brown (5 YR 3/4) floc layer, about 1 cm thick; overlies soft, grayish black (N2) mud with olive gray (5 Y 4/1) burrows; shelly floc layer, with disarticulated <i>Rangia</i> and maybe some <i>Macoma</i> , small shell halves below floc layer; no odor

Table 1-7 (con't): Field descriptions - surficial sediment samples collected on April 3, 1989 (Cruise 20)

Station number	Water depth (ft.)	Description
10	15.0	No floc layer; soft, moderate brown (5 YR 3/4), fine to medium sandy mud; lots of shells - disarticulated, adult and juvenile <i>Rangia</i> ; no odor
11	15.0	Thin floc layer, consisting of watery, dark yellowish brown (10 YR 4/2) muddy sand; overlies dark gray (N3) muddy medium sand mottled with grayish black (N2) around decomposing clams; many articulated and disarticulated <i>Rangia</i> throughout; a few worms; of the three grabs, first, described here, shellier than other two
12	12.0	Dark yellowish brown (10 YR 4/2) floc layer of undetermined thickness (too many shells); overlies sticky, cohesive, grayish black (N2) sandy mud with some darker spots, no detectable variation in amount of sand from one part of grab to another; surface covered with <i>Rangia</i> , almost all articulated but dead; fewer below floc layer, in pockets; smells like dead clams
13	9.0	No floc layer; very slightly muddy medium sand, moderate brown (5 YR 3/4) to dark yellowish brown (10 YR 4/2) at depth, sand fraction well sorted; a few <i>Rangia</i> , mostly disarticulated, a few articulated; no worms; heavy minerals; no odor
14	13.0	Fluffy, muddy floc layer, no grit, mottled moderate brown (5 YR 3/4) and dark yellowish brown (10 YR 4/2), about 2 cm thick; overlies soft, smooth, watery, grayish black (N2) mud; a few adult <i>Rangia</i> , living and dead, in floc layer, a few shells below floc; no burrows; no odor

Table 1-7 (con't): Field descriptions - surficial sediment samples collected on April 3, 1989 (Cruise 20)

Station number	Water depth (ft.)	Description
15	11.0	Dark yellowish brown (10 YR 4/2), watery, muddy floc layer, 1-2 cm thick; overlies uniformly soft, smooth, grayish black (N2) mud; some <i>Rangia</i> in floc layer - articulated and disarticulated, about 3.5 cm long, a few shell fragments below floc; worm, at least one burrow same color as floc; no odor
16	10.0	Soft, fluffy, gritty, dark yellowish brown (10 YR 4/2) floc layer; about 1-2 cm thick, consisting of fine sandy mud; overlies soft, sticky layer of grayish black (N2) fine sandy mud; underlying layer of olive black (5 Y 2/1) muddy sand; some disarticulated and articulated adult <i>Rangia</i> in floc layer, a few disarticulated <i>Rangia</i> shells in underlying layers; worms and burrows
17	10.0	Dark yellowish brown (10 YR 4/2) floc layer consisting of 1 cm of smooth (no grit), watery, mud; overlies sticky, grayish black mud, uniform in color, except for burrows, no grit; some shells (articulated and disarticulated <i>Rangia</i> , about 3.5 cm long) in floc layer; a few shell fragments and disarticulated, adult and juvenile <i>Rangia</i> below floc; lots of burrows - same color as floc; no odor
18	10.0	Dark yellowish brown (10 YR 4/2) floc layer consisting of 2-3 cm of soft, watery mud (no grit); overlies real smooth, sticky, uniformly grayish black (N2) mud, no grit; fairly many articulated and disarticulated, adult and juvenile <i>Rangia</i> in floc layer; a few disarticulated, adult <i>Rangia</i> below floc; plant matter; no odor
19	18.0	Floc layer of undetermined thickness consisting of moderate brown (5 YR 3/4) mud; overlies mottled grayish black (N2), olive

Table 1-7 (con't): Field descriptions - surficial sediment samples collected on April 3, 1989 (Cruise 20)

Station number	Water depth (ft.)	Description
19	18.0	gray (5 Y 4/1), and moderate brown (5 YR 3/4), slick mud; some disarticulated <i>Rangia</i> shells, 1 cm long, in floc layer, a few below floc; lots of worms and burrows; no odor
20	15.0	Dark yellowish brown (10 YR 4/2) floc layer consisting of about 1 cm of soft, fluffy mud; overlies sticky, dark gray to grayish black (N2.5) mud mottled with dark yellowish brown (10 YR 4/2) (mottling due to bioturbation); a few articulated and disarticulated shells in floc layer, many articulated and disarticulated <i>Rangia</i> below floc; lots of worms; no odor
21B	13.0	No floc layer; dark yellowish brown (10 YR 4/2), very slightly muddy fine sand with gray clayey lens; a few articulated and disarticulated adult <i>Rangia</i> ; no odor
22	11.0	Thin floc layer consisting of dark yellowish brown (10 YR 4/2) sandy mud; overlies pretty soft, medium sandy mud, uniformly grayish black (N2), except for burrows; a few articulated <i>Rangia</i> in floc layer and disarticulated shells below floc; lots of worms and burrows (same color as floc); no odor
23	11.0	Dark yellowish brown (10 YR 4/2) floc layer consisting of 4-5 cm of fluffy, slightly gritty mud; overlies very slightly gritty (fine to very fine sand), dark gray (N3) mud, variably smoother (and grittier?), uniform in color except for burrows; no shells or fragments in floc layer; a few shell fragments below floc; worms and burrows (same color as floc); no odor

Table 1-7 (con't): Field descriptions - surficial sediment samples collected on April 3, 1989 (Cruise 20)

Station number	Water depth (ft.)	Description
24	20.0	Dark yellowish brown (10 YR 4/2) floc layer consisting of 1 cm of muddy sand; overlies mottled dark gray (N3) and olive gray (5 Y 4/1), soft muddy sand, varies in relative amounts of sand and mud; very shelly floc layer (dead, articulated <i>Rangia</i> , about 2-5 cm long), a few articulated and disarticulated shells below floc; worms; no odor; second grab shellier than first
25	18.0	Moderate brown (5 YR 3/4) floc layer consisting of watery mud; overlies mottled dark gray (N3) and olive gray (5 Y 4/1), lumpy mud, neither soft nor firm; shelly floc layer with disarticulated, adult <i>Rangia</i> and friable, disarticulated <i>Macoma</i> (?), a few articulated and disarticulated <i>Rangia</i> and <i>Macoma</i> (?) below floc; heavily burrowed; no odor
26	16.0	Floc layer of undetermined thickness (too many shells) consisting of moderate brown (5 YR 3/4) mud; overlies mottled dark gray (N3) and grayish black (N2), sticky mud; floc layer loaded with shells, mostly disarticulated, juvenile <i>Rangia</i> ; some friable, articulated and disarticulated shells ( <i>Macoma</i> (?)) below floc; worms and burrows - same color as floc; plant matter; smells like dead organisms
27	16.0	Moderate brown (5 YR 3/4) floc layer consisting of 1-2 cm of soft, fine gritty mud; overlies cohesive, mottled dark gray (N3) and olive gray (5 Y 4/1) mud (olive gray associated with decomposing organisms); some living <i>Rangia</i> in floc, as well as disarticulated <i>Rangia</i> and <i>Macoma</i> ; many disarticulated shells below floc; burrows; no odor

Table 1-7 (con't): Field descriptions - surficial sediment samples collected on April 3, 1989 (Cruise 20)

Station number	Water depth (ft.)	Description
28	19.0	Moderate brown (5 YR 3/4) floc layer consisting of 1-2 cm of gritty mud; overlies pretty soft, uniformly grayish black (N2), fine to medium sandy mud, varies in relative amounts of sand and mud; some disarticulated, adult and juvenile <i>Rangia</i> in floc layer; a few articulated and disarticulated <i>Rangia</i> below floc; a few worms; no odor
29	8.0	Moderate brown (5 YR 3/4) floc layer consisting of muddy sand; overlies mottled medium dark gray (N4), grayish black (N2), and moderate brown (5 YR 3/4), soft, watery muddy sand; many articulated and disarticulated shells in floc layer; a few shells below floc; no worms; plant matter; fecal matter(?) on surface; smells like dead organisms
BC-3	15.0	Muddy (not gritty), moderate brown (5 YR 3/4) floc layer, less than 1 cm thick; overlies very cohesive, creamy mud consisting of bands of medium dark gray (N4) and pale reddish brown (10 R 5/4) ("fluid mud" layer), lumpy at surface; some adult and juvenile <i>Rangia</i> in floc layer; very few shells below floc; no worms
BC-6	11.0	Dark yellowish brown (10 YR 4/2) floc layer consisting of 1-2 cm of soft mud, no grit; overlies uniformly dark gray to grayish black (N2.5), soft, sticky mud (no grit); many disarticulated <i>Rangia</i> , 3-5 cm long, in floc layer; a few disarticulated shells and shell fragments below floc; worms; smells like dead organisms

\* The alphanumeric codes following the color names are Munsell numerical designations; the names themselves are from the Inter-Society Color Council - National Bureau of Standards system

Table 1-8: Sedimentological parameters - surficial samples collected on April 3, 1989 (Cruise 20)

Station number	Water (%)	Sand (%)	Silt (%)	Clay (%)	Shepard's class	Weight loss (%)
2	23.17	95.29	2.22	2.49	Sa	2.99
3	33.92	71.64	12.31	16.04	ClSa	5.60
4	57.04	2.19	56.16	41.65	ClSi	15.45
5	57.89	6.59	52.43	40.98	ClSi	15.13
6	60.22	2.41	46.87	50.72	SiCl	17.95
7	60.15	2.31	39.27	58.42	SiCl	27.23
8A	40.06	49.71	34.60	15.69	SiSa	11.37
9	60.50	5.06	42.38	52.56	SiCl	26.02
10	37.91	78.08	11.43	10.49	Sa	30.52
11-1	32.74	88.45	6.30	5.24	Sa	8.24
11-2	26.98	89.33	5.77	4.90	Sa	15.98
11-3	32.37	91.70	5.73	2.57	Sa	8.19
12	56.91	6.74*	46.30	46.96	SiCl	18.17
13	26.93	93.46*	2.58	3.96	Sa	2.00
14	63.59	0.91	42.82	56.27	SiCl	15.36
15	63.06	2.98	39.44	57.59	SiCl	13.44
16	46.22	49.09	24.71	26.21	SaSiCl	9.22
17	60.92	3.76	45.62	50.61	SiCl	14.76
18	54.76	6.61	45.85	47.54	SiCl	19.08
19	58.00	0.37	35.59	64.04	SiCl	22.87
20	54.97	1.35*	38.70	59.95	SiCl	27.67
21B	24.10	96.49*	1.37	2.14	Sa	2.32
22	30.61	81.04*	8.45	10.50	Sa	9.39
23	44.17	48.47	29.63	21.90	SaSiCl	9.31
24-1	29.36	79.88	7.76	12.36	Sa	9.54
24-2	37.59	70.66	14.12	15.23	ClSa	18.19
24-3	35.02	78.20	11.26	10.54	Sa	16.28
25	60.05	1.89	48.00	50.11	SiCl	35.81
26	60.03	0.74	36.00	63.25	SiCl	28.18
27	61.24	2.27	41.42	56.31	SiCl	28.76
28	42.18	64.89	15.05	20.06	ClSa	13.23
29	33.04	75.87	17.52	6.61	Sa	10.67
BC-3	50.88	0.84	49.47	49.69	SiCl	11.08
BC-6	62.45	2.76	40.74	56.50	SiCl	14.50

\* contains less than 1% gravel

Table 1-9: Trace metal concentrations - surficial sediment samples collected on April 3, 1989 (Cruise 20)

Station number	Cr (µg/g)	Cu (µg/g)	Fe (wt. %)	Mn (µg/g)	Ni (µg/g)	Zn (µg/g)
2	34.6	13.2	0.60	1410	24.7	45.0
3	62.5	22.4	1.57	628	33.7	104.2
4	108.1	33.3	4.02	2212	68.5	214.8
5	104.6	38.7	3.93	1722	38.0	195.2
6	111.6	37.1	4.27	2147	43.0	233.5
7	119.2	48.0	5.00	1908	55.5	329.9
8A	74.0	23.7	2.16	765	37.9	89.0
9*	123.1	54.2	5.08	2790	97.6	449.6
10	60.1	24.7	1.78	2852	46.2	105.0
11-1	63.6	24.0	1.69	2109	48.6	99.2
11-2	53.1	19.2	1.48	1749	35.8	97.4
11-3	61.1	23.1	2.02	2272	40.8	119.6
12	135.0	40.2	3.98	2851	52.2	210.7
13	29.6	10.7	0.34	1017	19.2	26.5
14	121.6	37.7	4.40	4329	68.6	251.4
15	131.6	48.6	4.52	1486	75.2	293.8
16	97.5	32.1	2.54	747	43.4	184.8
17*	130.4	42.3	3.97	993	53.9	242.2
18	118.0	37.8	3.72	783	53.4	238.0
19	132.2	45.9	5.24	1937	70.8	334.6
20	147.7	49.8	5.09	2268	81.7	364.5
21B	26.1	9.1	0.30	475	27.0	15.1
22	61.6	13.3	1.21	258	37.8	66.7
23	98.1	29.0	2.49	457	47.2	152.4
24-1	49.5	20.4	1.30	503	42.6	90.7
24-2	58.1	22.4	1.77	796	49.4	113.8
24-3	49.1	19.0	1.56	635	39.6	115.6
25*	130.3	60.8	5.20	3690	93.9	606.2
26	129.6	50.4	5.01	2088	65.8	377.4
27	125.1	60.8	5.49	4009	75.8	588.2
28	60.1	27.5	2.72	1856	65.0	219.0
29	48.6	11.2	1.05	748	44.6	51.3
BC-3	108.1	26.8	3.83	962	43.4	115.2
BC-6	142.1	47.8	4.65	1247	63.0	328.1

Entered  
Entered  
Entered  
Entered  
Entered

\* duplicate lab samples averaged



Table 1-10: Enrichment factors - surficial sediment samples collected on April 3, 1989 (Cruise 20)

Station number	Cr	Cu	Mn	Ni	Zn
2	3.01	2.30	12.98	2.84	3.71
3	2.09	1.51	2.23	1.49	3.30
4	1.41	0.87	3.05	1.18	2.65
5	1.40	1.04	2.43	0.67	2.47
6	1.37	0.92	2.79	0.70	2.72
7	1.25	1.01	2.12	0.77	3.28
8A	1.79	1.15	1.96	1.22	2.04
9*	1.27	1.12	3.04	1.34	4.40
10	1.77	1.47	8.92	1.81	2.94
11-1	1.97	1.49	6.91	1.99	2.91
11-2	1.88	1.36	6.55	1.67	3.26
11-3	1.58	1.20	6.24	1.40	2.94
12	1.78	1.06	3.98	0.91	2.63
13	4.59	3.34	16.74	3.96	3.90
14	1.45	0.90	5.46	1.08	2.84
15	1.53	1.13	1.83	1.15	3.23
16	2.01	1.33	1.63	1.19	3.61
17*	1.72	1.12	1.39	0.94	3.02
18	1.66	1.07	1.17	1.00	3.18
19	1.32	0.92	2.05	0.94	3.17
20	1.52	1.03	2.48	1.11	3.56
21B	4.52	3.17	8.72	6.18	2.47
22	2.66	1.16	1.18	2.16	2.73
23	2.07	1.23	1.02	1.31	3.04
24-1	1.99	1.65	2.14	2.27	3.46
24-2	1.72	1.34	2.50	1.94	3.20
24-3	1.65	1.28	2.26	1.76	3.68
25*	1.31	1.22	3.94	1.25	5.78
26	1.36	1.06	2.31	0.91	3.74
27	1.20	1.17	4.06	0.96	5.32
28	1.16	1.06	3.79	1.66	4.00
29	2.42	1.12	3.95	2.95	2.42
BC-3	1.48	0.74	1.40	0.79	1.50
BC-6	1.60	1.08	1.49	0.94	3.51

\*duplicate lab samples averaged

Table 1-11: Sedimentological parameters - subsamples taken from gravity cores collected on April 3-4, 1989 (Cruise 20)

Depth (cm)	Water (%)	Sand (%)	Silt (%)	Clay (%)	Shepard's class	Weight loss (%)
<u>Station 12</u>						
0.0- 1.0	59.14	9.72	43.58	46.70	SiCl	21.14
1.0- 4.0	57.87	13.09	42.82	44.09	SiCl	10.87
4.0- 7.0	56.15	8.16	42.03	49.81	SiCl	20.21
7.0- 10.0	43.27	52.02	25.49	22.49	SaSiCl	8.49
10.0- 12.0	40.94	51.34	30.54	18.12	SiSa	12.31
12.0- 14.0	40.55	48.95	29.60	21.45	SaSiCl	10.31
14.0- 18.0	31.61	85.32	7.54	7.14	Sa	6.49
18.0- 22.0	28.18	90.39	4.76	4.85	Sa	5.97
22.0- 26.0	42.10	73.40	9.99	16.61	ClSa	3.58
30.0- 34.0	28.73	88.62	5.11	6.27	Sa	7.33
38.0- 42.0	24.83	92.54	3.30	4.16	Sa	6.26
<u>Station 12A</u>						
0.0- 1.0	34.65	62.54	18.43	19.03	ClSa	10.33
1.0- 5.0	29.50	75.97	12.44	11.58	Sa	5.50
5.0- 10.0	24.71	94.41	2.49	3.10	Sa	3.49
<u>Station 12B</u>						
1.0- 5.0	59.58	4.48	44.00	51.52	SiCl	18.87
5.0- 9.0	52.77	26.65	37.14	36.21	SaSiCl	16.58
9.0- 14.0	36.52	37.29	43.88	18.83	SaSi	10.76
14.0- 18.0	42.37	39.53	41.99	18.48	SaSi	2.16
18.0- 21.0	32.36	66.31	23.38	10.31	SiSa	-
21.0- 25.0	24.32	90.39	4.73	4.88	Sa	6.41
30.0- 32.0	32.02	90.23	4.86	4.91	Sa	9.71
33.0- 36.0	23.53	95.62	2.52	1.86	Sa	4.72
<u>Station 12C</u>						
0.0- 4.0	56.74	6.75	41.63	51.62	SiCl	19.38
4.0- 8.0	57.77	2.36	46.92	50.71	SiCl	13.11
8.0- 10.0	54.99	10.72	37.25	52.02	SiCl	20.29
10.0- 14.0	56.94	9.04	43.10	47.86	SiCl	13.99
14.0- 18.0	41.89	41.85	28.63	29.51	SaSiCl	17.24
18.0- 24.0	35.11	50.80	29.64	19.56	SiSa	11.85
24.0- 28.0	32.10	23.06	51.54	25.40	SaSiCl	10.82
28.0- 31.0	34.03	12.93	57.63	29.44	ClSi	10.98
31.0- 34.0	42.14	32.02	39.16	28.82	SaSiCl	11.83
34.0- 38.0	30.05	83.72	6.75	9.53	Sa	10.33

Values for the 3rd depth were assigned to the wrong parameter

Table 1-11 (con't): Sedimentological parameters - subsamples taken from gravity cores collected on April 3-4, 1989 (Cruise 20)

Depth (cm)	Water (%)	Sand (%)	Silt (%)	Clay (%)	Shepard's class	Weight loss (%)
<u>Station 12C, (con't)</u>						
40.0- 44.0	30.67	89.30	4.62	6.09	Sa	4.13
50.0- 54.0	27.89	89.98	4.62	5.40	Sa	5.06
59.0- 63.0	25.75	92.06	3.67	4.28	Sa	1.04
<u>Station 12D</u>						
1.0- 5.0	54.17	20.28	39.91	39.81	SaSiCl	12.26
5.0- 9.0	38.03	29.55	44.50	25.95	SaSiCl	10.50
9.0- 13.0	31.95	77.13	11.31	11.56	Sa	9.80
13.0- 16.0	25.64	86.54	5.92	7.53	Sa	4.93
16.0- 21.0	25.33	91.57	3.98	4.44	Sa	5.49
21.0- 25.0	22.68	89.28	5.12	5.60	Sa	4.82
<u>Station BC-1</u>						
0.0- 4.0	49.39	0.31	38.77	60.93	SiCl	9.20
4.0- 8.0	55.02	0.16	37.61	62.22	SiCl	15.36
12.0- 16.0	57.98	5.65	38.30	56.05	SiCl	22.01
20.0- 24.0	54.18	3.61	34.59	61.81	SiCl	14.87
32.0- 36.0	54.49	5.83	37.33	56.84	SiCl	13.39
50.0- 54.0	62.49	2.20	36.83	60.97	SiCl	19.25
<u>Station BC-2</u>						
0.0- 4.0	60.76	1.63	39.66	58.71	SiCl	19.84
4.0- 8.0	60.64	0.82	42.02	57.17	SiCl	18.80
10.0- 14.0	59.09	1.40	41.96	56.64	SiCl	18.33
30.0- 34.0	55.44	1.10	40.97	57.93	SiCl	15.00
50.0- 54.0	55.88	1.36	38.07	60.57	SiCl	14.95
70.0- 74.0	60.31	6.18	40.66	53.16	SiCl	13.14
<u>Station BC-3</u>						
0.0- 4.0	55.53	11.22	50.67	38.10	ClSi	16.29
6.0- 10.0	47.13	0.92	55.40	43.68	ClSi	10.17
16.0- 20.0	34.24	4.05	66.68	29.27	ClSi	10.40
26.0- 30.0	57.23	1.92	40.13	57.95	SiCl	20.02
32.0- 36.0	59.17	0.53	38.68	60.80	SiCl	24.09
42.0- 46.0	53.81	4.87	40.06	55.07	SiCl	15.31
56.0- 60.0	54.91	0.25	36.33	63.42	SiCl	15.40
66.0- 70.0	55.04	2.96	38.81	58.23	SiCl	14.58

Table 1-11 (con't): Sedimentological parameters - subsamples taken from gravity cores collected on April 3-4, 1989 (Cruise 20)

Depth (cm)	Water (%)	Sand (%)	Silt (%)	Clay (%)	Shepard's class	Weight loss (%)
<u>Station BC-4</u>						
0.0- 4.0	61.63	5.20	41.56	53.24	SiCl	23.65
6.0- 8.0	58.01	2.24	41.83	55.92	SiCl	16.98
12.0- 16.0	57.51	1.41	38.17	60.42	SiCl	17.49
24.0- 28.0	58.45	0.66	36.78	62.56	SiCl	18.09
44.0- 48.0	61.11	0.73	40.69	58.59	SiCl	19.10
58.0- 62.0	59.99	1.76	44.97	53.27	SiCl	19.49
70.0- 74.0	63.25	0.73	42.32	56.95	SiCl	20.15
<u>Station BC-5</u>						
1.0- 5.0	63.95	1.63	40.60	57.77	SiCl	22.97
5.0- 9.0	64.94	1.67	42.03	56.30	SiCl	24.94
18.0- 22.0	55.51	2.77	43.90	53.34	SiCl	18.91
40.0- 44.0	54.81	2.05	38.11	59.85	SiCl	16.55
60.0- 64.0	60.17	1.45	42.86	55.69	SiCl	18.50
80.0- 84.0	62.34	0.97	38.38	60.65	SiCl	18.82
<u>Station BC-6</u>						
1.0- 5.0	62.13	2.18	38.62	59.20	SiCl	21.17
6.0- 10.0	59.05	2.68	43.77	53.55	SiCl	15.28
14.0- 18.0	54.74	4.29	44.84	50.88	SiCl	15.08
24.0- 28.0	61.98	1.97	42.16	55.86	SiCl	18.46
40.0- 44.0	63.31	0.96	39.32	59.71	SiCl	18.29
60.0- 64.0	62.37	1.22	38.54	60.24	SiCl	18.06
80.0- 84.0	60.03	1.01	38.17	60.82	SiCl	17.64
100.0-104.0	59.47	1.84	37.32	60.84	SiCl	16.06
<u>Station BC-7</u>						
2.0- 6.0	55.30	2.80	50.56	46.64	ClSi	17.55
12.0- 16.0	63.32	3.57	46.65	49.78	SiCl	21.53
20.0- 24.0	68.99	1.54	46.82	51.63	SiCl	21.04
30.0- 34.0	66.77	0.74	47.31	51.95	SiCl	19.99
60.0- 64.0	63.66	1.16	45.73	53.11	SiCl	18.59

Table 1-12: Trace metal concentrations - subsamples taken from gravity cores collected on April 3-4, 1989 (Cruise 20)

Depth (cm)	Cr ( $\mu\text{g/g}$ )	Cu ( $\mu\text{g/g}$ )	Fe (wt. %)	Mn ( $\mu\text{g/g}$ )	Ni ( $\mu\text{g/g}$ )	Zn ( $\mu\text{g/g}$ )
<u>Station BC-1</u>						
0- 4	115.2	25.6	3.04	661	42.3	97.4
4- 8	124.5	36.1	3.99	1541	55.0	179.1
12-16	130.6	54.6	5.09	2405	89.4	538.6
20-24*	106.6	46.0	4.84	2169	73.6	325.4
32-36	89.6	19.7	4.15	1387	44.6	116.0
50-54	96.1	15.4	4.50	1270	43.4	110.9
<u>Station BC-2</u>						
0- 4	112.5	37.0	4.45	2276	70.3	301.6
4- 8	115.5	51.4	4.87	2319	82.1	339.2
10-14	113.6	62.8	5.02	3168	123.6	573.2
30-34	90.6	39.3	4.71	2320	67.8	177.2
50-54	91.6	26.6	4.94	1727	58.8	139.4
70-74	93.1	16.0	4.56	1267	41.0	108.4
<u>Station BC-3</u>						
0- 4	83.6	27.1	3.23	1050	44.0	169.0
6-10*	89.6	24.6	3.08	656	36.6	116.3
16-20	77.6	20.2	2.34	311	58.4	100.8
26-30	113.6	41.2	4.54	3353	65.0	303.4
32-36	123.6	45.0	4.99	2092	78.4	374.5
42-46	107.1	61.4	4.74	2337	43.8	391.1
56-60	96.6	30.8	4.78	1866	43.8	151.2
66-70	93.1	19.3	4.36	1172	37.2	104.5
<u>Station BC-4</u>						
0- 4	108.5	52.4	4.59	2820	76.0	392.8
6- 8	97.0	52.6	4.78	4390	65.3	306.5
12-16	92.6	28.6	4.57	2000	42.4	156.3
24-28*	95.8	22.3	4.54	1837	36.2	117.4
44-48	87.6	22.3	4.54	1912	46.2	116.1
58-62	85.1	16.5	3.90	1173	34.0	104.6
70-74	87.6	13.8	4.35	2075	37.6	106.2
<u>Station BC-5</u>						
1- 5	98.1	40.3	4.39	4035	67.6	290.4
5- 9	101.1	37.8	4.37	3736	64.5	297.5
18-22	97.1	64.2	4.48	1847	84.4	365.4
40-44	92.0	24.0	4.64	1488	42.9	133.4
60-64	89.6	19.3	4.47	1100	40.6	105.2
80-84	88.6	20.4	4.98	1315	35.8	108.8

Table 1-12 (con't): Trace metal concentrations - subsamples taken from gravity cores collected on April 3-4, 1989 (Cruise 20)

Depth (cm)	Cr ( $\mu\text{g/g}$ )	Cu ( $\mu\text{g/g}$ )	Fe (wt. %)	Mn ( $\mu\text{g/g}$ )	Ni ( $\mu\text{g/g}$ )	Zn ( $\mu\text{g/g}$ )
<b>Station BC-6</b>						
1- 5	123.8	51.3	4.78	1286	65.8	363.7
6-10	83.6	26.5	4.50	1135	31.2	151.8
14-18	69.6	12.7	2.98	331	41.2	107.9
24-28	87.0	28.9	4.72	1413	37.5	133.4
40-44	93.1	28.9	4.62	1830	37.6	108.2
60-64	87.6	18.9	4.35	1574	35.5	108.2
80-84	89.1	17.7	4.69	1816	31.6	113.6
100-104	91.6	16.7	4.49	1672	33.0	111.5
<b>Station BC-7</b>						
2- 6	143.0	61.0	4.00	964	46.3	318.6
12-16	183.1	76.5	4.25	871	48.2	423.0
20-24*	189.3	73.4	4.23	1124	67.8	475.8
30-34	171.6	63.3	4.38	1123	79.4	518.2
40-44	172.6	66.2	4.37	896	79.4	538.2
60-64	217.1	65.4	3.98	870	32.4	587.2

*Entered  
Missing*

*Entered*

\* duplicate lab samples averaged

Table 1-13: Enrichment factors - subsamples taken from gravity cores collected on April 3-4, 1989 (Cruise 20)

Depth (cm)	Cr	Cu	Mn	Ni	Zn
<u>Station BC-1</u>					
0- 4	1.99	0.89	1.21	0.97	1.59
4- 8	1.64	0.95	2.15	0.96	2.23
12-16	1.34	1.13	2.62	1.22	5.25
20-24*	1.16	1.00	2.49	1.06	3.34
32-36	1.13	0.50	1.86	0.75	1.39
50-54	1.12	0.36	1.57	0.67	1.22
<u>Station BC-2</u>					
0- 2	1.33	0.88	2.84	1.10	3.37
4- 8	1.24	1.11	2.64	1.17	3.46
10-14	1.19	1.32	3.50	1.71	5.67
30-34	1.01	0.88	2.73	1.00	1.87
50-54	0.97	0.57	1.94	0.83	1.40
70-74	1.07	0.37	1.54	0.62	1.18
<u>Station BC-3</u>					
0- 4	1.36	0.88	1.81	0.95	2.60
6-10*	1.53	0.84	1.18	0.82	1.88
16-20	1.74	0.91	0.74	1.74	2.14
26-30	1.31	0.96	4.11	0.99	3.32
32-36	1.30	0.95	2.33	1.09	3.73
42-46	1.19	1.36	2.74	0.64	4.10
56-60	1.06	0.68	2.17	0.64	1.57
66-70	1.12	0.47	1.49	0.59	1.19
<u>Station BC-4</u>					
0- 4	1.24	1.20	3.41	1.15	4.25
6- 8	1.06	1.16	5.10	0.95	3.18
12-16	1.06	0.66	2.43	0.64	1.70
24-28*	1.11	0.52	2.26	0.56	1.28
44-48	1.01	0.52	2.34	0.71	1.27
58-62	1.14	0.44	1.67	0.61	1.33
70-74	1.06	0.33	2.65	0.60	1.21
<u>Station BC-5</u>					
1- 5	1.17	0.97	5.10	1.07	3.29
5- 9	1.21	0.91	4.75	1.02	3.39
18-22	1.14	1.51	2.29	1.31	4.05
40-44	1.04	0.54	1.78	0.64	1.43
60-64	1.05	0.45	1.37	0.63	1.17
80-84	0.93	0.43	1.47	0.50	1.09

Table 1-13 (con't): Enrichment factors - subsamples taken from gravity cores collected on April 3-4, 1989 (Cruise 20)

Depth (cm)	Cr	Cu	Mn	Ni	Zn
<u>Station BC-6</u>					
1- 5	1.36	1.13	1.50	0.96	3.78
6-10	0.97	0.62	1.40	0.48	1.68
14-18	1.22	0.45	0.62	0.96	1.80
24-28	0.97	0.64	1.66	0.55	1.41
40-44	1.06	0.66	2.20	0.56	1.16
60-64	1.06	0.46	2.01	0.57	1.24
80-84	1.00	0.40	2.15	0.47	1.20
100-104	1.07	0.39	2.07	0.51	1.23
<u>Station BC-7</u>					
2- 7	1.88	1.61	1.34	0.80	3.96
12-16	2.26	1.90	1.14	0.79	4.94
20-24*	2.35	1.83	1.48	1.11	5.59
30-34	2.05	1.52	1.42	1.26	5.88
40-44	2.07	1.60	1.14	1.26	6.12
60-64	2.86	1.73	1.21	0.57	7.33

\* duplicate lab samples averaged



Table 2-1: Azimuths for profile lines and angles between the established baseline and the profile stations

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Station	Azimuth (degrees)	Angle (deg, min)
22+00	328	5 11
24+00	325	4 44
28+00	325	8 52
30+00	320	97 26
32+00	330	181 41
36+00	340	191 28
40+00	340	194 36
44+00	340	195 58
48+00	344	196 43
49+00	344	196 51

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Table 2-2: Distance and elevation data for Hart-Miller Island beach profiles, June 7 & 10, 1988

Date surveyed	Profile	Stadia station	Distance* (ft)	Elevation** (ft)
6/7/88	21+75	CL	-	17.84
		1	48	14.39
		2	100	10.53
		3	148	7.95
		4	196	6.31
		5	248	3.37
		6	296	1.91
		7	344	-0.92
		8	392	-1.13
		9	442	-1.26
		10	492	-1.39
		11	540	-1.53
	12	592	-1.69	
	24+00	CL	-	17.72
		1	50	13.88
		2	100	10.73
		3	150	7.86
		4	200	4.94
		5	250	2.32
		6	260	1.71
	28+00	CL	-	17.82
		1	50	13.48
		2	100	10.60
		3	150	7.10
		4	200	2.29
		5	211	1.55
	30+00	CL	-	17.85
		1	50	14.91
		2	100	11.09
		3	150	5.74
		4	180	1.56
		5	238	-0.60
		6	290	-0.91
		7	340	-1.05
		8	390	-1.24
		9	440	-1.31
	10	492	-1.47	

Table 2-2 (con't): Distance and elevation data for Hart-Miller Island beach profiles, June 7 & 10, 1988

Date surveyed	Profile	Stadia station	Distance* (ft)	Elevation** (ft)
6/10/88	32+00	CL	-	17.81
		1	50	15.03
		2	100	12.07
		3	150	7.30
		4	156	6.41
		5	190	1.02
	6	270	-0.90	
	36+00	CL	-	17.67
		1	52	13.98
		2	100	11.74
		3	150	8.58
		4	184	5.30
		5	196	3.15
		6	200	2.94
		7	222	0.84
	8	312	-1.02	
	40+00	CL	-	17.68
		1	50	14.80
		2	100	11.65
		3	150	8.88
		4	190	5.39
		5	198	4.00
		6	200	3.61
		7	200	3.23
		8	222	0.80
		9	274	-0.84
		10	324	-0.98
		11	374	-0.99
		12	422	-1.17
		13	474	-1.35
	14	522	-1.52	
	44+00	CL	-	17.84
		1	50	14.61
		2	100	11.43
		3	148	6.75
		4	166	4.29
		5	168	3.14
		6	192	0.81
	7	274	-0.84	

Table 2-2 (con't): Distance and elevation data for Hart-Miller Island beach profiles, June 7 & 10, 1988

Date surveyed	Profile	Stadia station	Distance* (ft)	Elevation** (ft)
6/10/88	48+00	CL	-	17.85
		1	50	16.50
		2	100	10.41
		3	140	4.30
		4	142	2.85
		5	150	1.63
		6	158	0.73
	7	242	-0.77	
	49+00	CL	-	17.99
		1	50	15.85
		2	98	11.28
		3	148	6.14
		4	176	3.91
		5	176	3.32
		6	180	0.78
		7	232	-0.83
		8	282	-0.96
		9	332	-1.19
		10	382	-1.31
		11	432	-1.48
		12	482	-1.59

\* from center line (CL) of dike roadway  
 \*\* mean low water (MLW) datum

Table 2-3: Distance and elevation data for Hart-Miller Island beach profiles, September 14-15, 1988

Date surveyed	Profile	Stadia station	Distance* (ft)	Elevation** (ft)	
9/14/88	21+75	CL	-	17.87	
		1	50	15.04	
		2	68	16.83	
		3	100	16.21	
		4	118	15.89	
		5	132	12.37	
		6	142	9.17	
		7	150	9.62	
		8	154	10.68	
		9	168	6.87	
		10	200	5.41	
		11	232	4.22	
		12	234	4.04	
		13	248	3.46	
		14	300	1.29	
		15	310	-0.13	
		16	366	-1.03	
		24+00	CL	-	17.77
			1	46	13.64
			2	52	15.71
			3	56	15.73
			4	66	12.97
			5	100	10.96
			6	142	7.64
			7	148	9.40
			8	152	10.60
			9	156	10.29
			10	164	7.58
			11	200	5.13
			12	212	4.76
			13	218	4.21
			14	248	2.54
			15	276	-0.05
			16	388	-0.97
		28+00	CL	-	17.78
			1	44	13.33
			2	50	15.03
			3	58	15.07
			4	66	12.77
			5	100	10.79

Table 2-3 (con't): Distance and elevation data for Hart-Miller Island beach profiles, September 14-15, 1988

Date surveyed	Profile	Stadia station	Distance* (ft)	Elevation** (ft)	
9/14/88	28+00	6	120	7.73	
		7	134	11.17	
		8	138	11.17	
		9	148	7.15	
		10	164	6.06	
		11	170	5.25	
		12	200	2.63	
		13	226	0.08	
		14	308	-0.87	
		30+00	CL	-	17.81
			1	50	14.62
			2	54	16.19
			3	60	16.11
			4	70	13.73
	5		98	9.99	
	6		110	12.58	
	7		114	12.35	
	8		124	8.24	
	9		142	6.82	
	10		150	5.87	
	11		204	0.35	
	12	300	-1.00		
	32+00	CL	-	17.68	
		1	52	14.55	
		2	58	16.06	
		3	64	16.22	
		4	74	13.27	
		5	100	10.71	
		6	104	10.87	
		7	110	13.65	
		8	116	13.68	
		9	124	10.24	
		10	142	8.24	
		11	146	7.76	
		12	150	7.32	
		13	204	-0.36	
	14	320	-1.11		
	36+00	CL	-	17.65	
		1	32	15.93	

Table 2-3 (con't): Distance and elevation data for Hart-Miller Island beach profiles, September 14-15, 1988

Date surveyed	Profile	Stadia station	Distance* (ft)	Elevation** (ft)	
9/14/88	36+00	2	36	18.01	
		3	40	17.76	
		4	50	14.09	
		5	100	10.50	
		6	106	11.15	
		7	112	13.66	
		8	118	13.59	
		9	126	10.15	
		10	148	8.71	
		11	170	7.28	
		12	174	6.64	
		13	200	3.03	
		14	246	-0.59	
		15	386	-1.07	
		9/15/88	40+00	CL	-
1	48			14.50	
2	58			16.68	
3	64			16.80	
4	78			12.02	
5	100			11.27	
6	134			8.62	
7	144			11.65	
8	148			11.57	
9	160			7.64	
10	178			7.06	
11	178			6.46	
12	198			4.47	
13	204			2.70	
14	222			0.55	
15	268		-0.69		
	44+00		CL	-	17.95
			1	32	16.35
			2	50	14.17
			3	58	16.80
		4	64	16.80	
		5	100	9.55	
		6	110	8.79	
		7	120	11.77	
		8	124	11.90	
		9	146	7.29	

Table 2-3 (con't): Distance and elevation data for Hart-Miller Island beach profiles, September 14-15, 1988

Date surveyed	Profile	Stadia station	Distance* (ft)	Elevation** (ft)
9/15/88	44+00	10	148	6.92
		11	168	3.90
		12	170	1.10
		13	190	0.65
		14	236	-0.58
	48+00	CL	-	17.89
		1	42	15.57
		2	50	17.83
		3	56	17.73
		4	82	11.15
		5	94	14.25
		6	100	13.88
		7	112	8.88
		8	122	8.05
		9	124	7.43
		10	140	4.46
		11	140	2.86
		12	158	0.46
	13	200	-0.61	
	49+00	CL	-	18.02
		1	40	15.84
		2	46	18.19
		3	52	18.25
		4	84	11.54
		5	92	14.28
		6	100	14.40
		7	120	9.48
		8	140	7.24
		9	146	6.79
		10	160	4.00
		11	164	2.63
		12	186	0.48
	13	230	-0.82	

\* from center line (CL) of dike roadway  
 \*\* mean low water (MLW) datum



Table 2-4: Distance and elevation data for Hart-Miller Island beach profiles, December 14-15, 1988

Date surveyed	Profile	Stadia station	Distance* (ft)	Elevation** (ft)
12/14/88	21+75	CL	-	17.80
		1	54	15.64
		2	68	16.73
		3	92	15.72
		4	112	17.09
		5	144	8.84
		6	154	10.63
		7	166	6.74
		8	234	4.17
		9	256	3.07
		10	304	0.59
	11	386	-1.14	
	24+00	CL	-	17.77
		1	46	13.15
		2	52	15.26
		3	60	15.24
		4	66	13.54
		5	142	7.62
		6	154	10.63
		7	158	10.46
		8	170	7.29
		9	214	4.06
		10	234	2.96
		11	268	0.56
	28+00	CL	-	17.73
		1	46	13.40
		2	50	15.06
		3	56	15.18
		4	64	13.16
		5	100	10.76
		6	124	8.01
		7	134	11.20
		8	138	11.18
		9	148	7.16
		10	168	5.15
		11	188	3.55
12		222	0.37	
13	294	-0.68		

Table 2-4 (con't): Distance and elevation data for Hart-Miller Island beach profiles, December 14-15, 1988

Date surveyed	Profile	Stadia station	Distance* (ft)	Elevation** (ft)
12/14/88	30+00	CL	-	17.73
		1	48	14.49
		2	54	16.30
		3	60	16.36
		4	102	10.29
		5	110	12.59
		6	114	12.36
		7	124	8.16
		8	148	5.98
		9	170	3.61
		10	200	0.49
	11	268	-0.77	
	32+00	CL	-	17.68
		1	52	14.55
		2	56	16.11
		3	64	16.30
		4	98	10.84
		5	110	13.69
		6	114	13.70
		7	124	10.24
		8	144	7.83
		9	166	4.05
		10	194	0.52
	11	280	-0.81	
	36+00	CL	-	17.69
		1	32	16.02
		2	36	17.98
		3	40	17.73
		4	48	14.03
		5	104	10.76
		6	112	13.68
		7	118	13.65
		8	126	10.48
9		174	6.25	
10		194	3.68	
11	220	0.63		
12	300	-0.83		
12/15/88	40+00	CL	-	17.58
		1	50	14.51

Table 2-4 (con't): Distance and elevation data for Hart-Miller Island beach profiles, December 14-15, 1988

Date surveyed	Profile	Stadia station	Distance* (ft)	Elevation** (ft)
12/15/88	40+00	2	58	16.70
		3	64	16.86
		4	76	12.14
		5	136	8.66
		6	144	11.61
		7	148	11.63
		8	156	8.04
		9	166	7.34
		10	178	6.30
		11	200	2.68
		12	206	1.94
		13	246	-0.88
		44+00	CL	-
	1		50	14.23
	2		60	16.83
	3		64	16.89
	4		112	9.04
	5		120	11.84
	6		124	11.97
	7		138	7.51
	8		146	6.86
	9		172	2.60
	10	222	-0.09	
	48+00	CL	-	17.89
		1	44	15.70
		2	50	17.83
		3	56	17.74
		4	86	11.19
		5	94	14.12
		6	100	14.00
		7	114	8.87
		8	124	7.05
		9	138	4.63
		10	138	3.30
		11	152	1.80
	12	196	-0.60	
	49+00	CL	-	17.95
		1	40	15.83
		2	46	18.19

Table 2-4 (con't): Distance and elevation data for Hart-Miller Island beach profiles, December 14-15, 1988

Date surveyed	Profile	Stadia station	Distance* (ft)	Elevation** (ft)
12/15/88	49+00	3	52	18.23
		4	86	11.55
		5	94	14.24
		6	100	14.49
		7	118	9.97
		8	148	6.56
		9	164	3.52
		10	168	2.54
		11	174	1.60
		12	228	-1.04

\* from center line (CL) of dike roadway  
 \*\* mean low water (MLW) datum

Table 2-5: Distance and elevation data for Hart-Miller Island beach profiles, May 17-18, 1989

Date surveyed	Profile	Stadia station	Distance* (ft)	Elevation** (ft)	
5/17/89	21+75	CL	-	17.70	
		1	50	15.39	
		2	68	16.99	
		3	100	17.20	
		4	118	16.46	
		5	132	12.47	
		6	140	9.20	
		7	150	9.33	
		8	152	10.73	
		9	156	10.80	
		10	166	7.03	
		11	198	5.59	
		12	232	4.50	
		13	248	3.64	
		14	278	2.58	
		15	288	1.94	
		16	296	1.96	
		17	314	-.50	
		18	374	-1.07	
		24+00	CL	-	17.64
			1	46	13.45
			2	52	15.27
			3	56	15.23
			4	66	11.47
			5	100	11.17
			6	142	7.67
			7	148	8.52
			8	152	10.13
			9	156	10.58
			10	164	8.65
			11	200	5.11
			12	212	4.52
			13	226	3.98
			14	244	2.84
			15	250	2.24
			16	258	2.26
			17	278	-.27
			18	344	-.84
		28+00	CL	-	17.63
			1	44	13.39

Table 2-5 (cont.): Distance and elevation data for Hart-Miller Island beach profiles, May 17-18, 1989

Date surveyed	Profile	Stadia station	Distance* (ft)	Elevation** (ft)	
5/17/89	28+00	2	50	15.04	
		3	58	14.82	
		4	66	13.02	
		5	100	10.65	
		6	120	7.93	
		7	134	11.16	
		8	140	11.11	
		9	148	7.36	
		10	162	6.02	
		11	173	4.89	
		12	200	2.76	
		13	220	1.91	
		14	228	-.23	
		15	280	-1.49	
			30+00	CL	-
		1		50	15.07
		2		54	16.22
		3		60	16.35
		4		70	13.58
		5		98	10.18
		6		110	12.56
		7		114	12.36
		8		124	8.34
		9		142	6.90
		10		146	5.91
		11		172	3.10
		12		184	2.23
		13		200	-.01
		14	260	-1.24	
		32+00	CL	-	17.54
			1	50	14.60
			2	58	16.16
			3	64	16.08
			4	76	13.29
			5	100	10.85
			6	104	11.26
			7	110	13.64
			8	116	13.46
			9	123	10.29
		10	142	8.58	

Table 2-5 (cont.): Distance and elevation data for Hart-Miller Island beach profiles, May 17-18, 1989

Date surveyed	Profile	Stadia station	Distance* (ft)	Elevation** (ft)
5/17/89	32+00	11	150	7.00
		12	166	4.33
		13	166	2.57
		14	196	-.06
		15	244	-1.02
5/18/89	36+00	CL	-	17.57
		1	32	15.91
		2	38	17.84
		3	48	14.05
		4	74	12.50
		5	102	10.49
		6	112	13.71
		7	116	13.71
		8	126	10.32
		9	152	8.52
		10	160	7.63
		11	172	7.14
		12	200	3.50
		13	200	2.30
		14	214	1.40
15	240	-.52		
	40+00	CL	-	17.55
		1	46	14.47
		2	58	16.77
		3	62	16.96
		4	76	12.15
		5	98	11.40
		6	132	8.93
		7	144	11.38
		8	148	11.58
		9	162	7.62
	10	178	6.87	
	11	200	4.04	
	12	200	2.26	
	13	218	1.06	
	14	240	-.53	
	44+00	CL	-	17.77
		1	32	16.30
		2	48	14.23

Table 2-5 (cont.): Distance and elevation data for Hart-Miller Island beach profiles, May 17-18, 1989

Date surveyed	Profile	Stadia station	Distance* (ft)	Elevation** (ft)	
5/18/89	44+00	3	60	16.84	
		4	64	16.82	
		5	106	8.92	
		6	120	11.85	
		7	124	12.05	
		8	146	7.11	
		9	168	3.70	
		10	168	2.54	
		11	186	.95	
		12	220	-.58	
		48+00	CL	-	17.78
			1	42	15.63
	2		52	17.79	
	3		56	17.70	
	4		76	11.86	
	5		86	11.29	
	6		94	14.21	
	7		98	13.96	
	8		112	8.85	
	9		124	7.24	
	10		140	4.50	
	11		140	3.19	
	12		160	.88	
	49+00	CL	-	17.91	
		1	38	15.81	
		2	46	18.22	
		3	50	18.32	
		4	70	13.03	
		5	84	11.57	
		6	92	14.35	
		7	98	14.57	
		8	112	10.17	
		9	130	8.31	
		10	144	6.76	
	11	166	4.05		
	12	166	2.68		



Table 2-5 (cont.): Distance and elevation data for Hart-Miller Island beach profiles, May 17-18, 1989

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Date surveyed	Profile	Stadia station	Distance* (ft)	Elevation** (ft)
5/18/89	49+00	13	180	.92
		14	208	-.49

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\* from center line (CL) of dike roadway

\*\* mean low water (MLW) datum

Table 2-6: Distance and elevation data for Hart-Miller Island extended beach profiles, September 13-14, 1989

Date surveyed	Profile	Stadia station	Distance* (ft)	Elevation** (ft)
9/13/89	21+75	CL	-	17.70
		1	228	4.80
		2	240	4.19
		3	254	3.32
		4	272	2.47
		5	290	3.02
		6	298	2.70
		7	312	0.93
		8	326	-0.66
		9	366	-1.03
		10	414	-1.42
		11	466	-1.30
		12	512	-1.49
		13	564	-1.61
14	614	-1.71		
	30+00	CL	-	17.66
		1	148	6.37
		2	150	5.61
		3	166	3.86
		4	174	2.72
		5	180	2.84
		6	190	1.26
		7	194	1.11
		8	206	-0.53
		9	236	-0.92
		10	286	-0.90
		11	338	-0.99
		12	386	-1.17
		13	436	-1.27
14	486	-1.42		
9/14/89	40+00	CL	-	17.53
		1	180	6.59
		2	182	6.37
		3	198	4.62
		4	198	3.11
		5	208	1.33
		6	214	0.73
		7	242	-0.74
		8	262	-0.81
		9	312	-0.94

Table 2-6 (cont.): Distance and elevation data for Hart-Miller Island extended beach profiles, September 13-14, 1989

Date surveyed	Profile	Stadia station	Distance* (ft)	Elevation** (ft)
9/14/89	40+00	10	362	-1.01
		11	414	-1.16
		12	462	-1.24
		13	514	-1.40
	49+00	CL	-	17.92
		1	144	6.90
		2	148	6.40
		3	164	3.97
		4	164	2.41
		5	174	0.98
		6	180	0.68
		7	212	-0.86
		8	226	-1.01
9	272	-1.05		
	10	324	-1.24	
	11	370	-1.38	
	12	420	-1.52	
	13	462	-1.60	

\* from center line (CL) of dike roadway  
 \*\* mean low water (MLW) datum

Table 1-1: 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 1-2: LORAN-C and geographic coordinates of stations sampled during the eighth monitoring year

Station number	MGS	RMDSS	LORAN-C time delays		Corrected*		
			X	Y	latitude(N)	longitude(W)	
					(deg, min, sec)		
2		XIF3638	27640.8	42888.1	39 13 32.2	76 23 43.8	
3		XIF3430	27636.5	42886.5	39 13 21.7	76 22 58.1	
4		XIF4126	27637.3	42895.6	39 14 5.4	76 22 35.5	
5		XIF4221	27635.4	42897.0	39 14 10.8	76 22 7.9	
6		XIF4317	27633.4	42898.5	39 14 16.6	76 21 38.9	
7		XIF4609	27631.0	42902.6	39 14 34.5	76 20 56.0	
8A		XIF5009	27632.3	42906.5	39 14 53.8	76 20 57.7	
9		XIF4806	27629.9	42905.2	39 14 46.1	76 20 33.9	
10		XIF5203	27630.0	42909.7	39 15 7.6	76 20 19.3	
11		XIF5501	27630.2	42913.4	39 15 25.3	76 20 8.7	
12		XIF5805	27633.3	42917.4	39 15 46.3	76 20 31.2	
12A			27633.4	42917.6	39 15 47.3	76 20 31.7	
12B			27633.5	42917.4	39 15 46.4	76 20 33.6	
12C			27633.2	42916.9	39 15 43.8	76 20 31.8	
12D			27633.1	42917.2	39 15 45.2	76 20 29.5	
13		XIF6008	27635.5	42919.7	39 15 58.6	76 20 49.1	
14		XIF6407	27636.1	42924.0	39 16 19.5	76 20 41.0	
15		XIF5917	27639.2	42917.2	39 15 49.1	76 21 41.7	
16		XIF5722	27641.1	42914.9	39 15 39.5	76 22 12.4	
17		XIF5427	27642.6	42911.4	39 15 23.8	76 22 42.7	
18		XIF5232	27643.9	42908.0	39 15 8.6	76 23 10.2	
19		XIF3620	27632.3	42889.0	39 13 30.8	76 21 59.3	
20		XIF3064	27638.1	42881.4	39 12 58.6	76 23 35.1	
21B		XIF5505	27632.1	42912.9	39 15 24.1	76 20 32.9	
22		XIG7589	27631.7	42939.2	39 17 29.0	76 18 55.7	
23		XIF4642	27646.8	42900.5	39 14 35.0	76 24 11.5	
24		XIF5302	27629.8	42909.0	39 15 4.1	76 20 19.3	
25		XIF4405	27629.7	42900.4	39 14 23.2	76 20 48.3	
26		XIF4016	27633.6	42895.0	39 14 0.1	76 21 53.6	
27		XIF2038	27637.4	42869.7	39 12 2.7	76 24 8.1	
28		XIG5699	27629.4	42915.1	39 15 33.0	76 19 53.0	
29		XIF4328	27638.8	42897.7	39 14 16.3	76 22 46.0	
BC-1		XIF4024	27635.7	42894.5	39 13 59.1	76 22 20.3	
BC-2		XIF4285	27630.7	42897.6	39 14 10.5	76 21 10.0	
BC-3		XIF4615	27633.3	42901.9	39 14 32.6	76 21 25.8	
BC-4		XIF4703	27628.5	42904.0	39 14 39.5	76 20 21.5	
BC-5		XIF6388	27627.8	42920.1	39 15 55.6	76 19 16.9	
BC-6		XIF5925	27643.4	42917.1	39 15 51.4	76 22 32.0	
BC-7		XIF4964	27645.0	42904.6	39 14 53.2	76 23 35.4	

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

Table 1-3: Field descriptions - surficial sediment samples collected on November 15, 1988 (Cruise 19)

Station number	Water depth (ft.)	Description
2	-	No distinct floc layer - a little organic 'gunk' on top; medium sand (not muddy - clear water coming out), color changes from moderate brown (5 YR 4/4) to pale yellowish brown (10 YR 6/2) (poor match) at about 2 cm, no associated difference in texture between the two bands; a few unbroken <i>Rangia cuneata</i> shell halves at about 6 cm
3	15.0	Moderate brown (5 YR 4/4) floc layer consisting of moderately sandy mud (not quite half sand), many live <i>Rangia</i> in floc layer, also, <i>Macoma</i> ; 2-cm thick surface layer of medium dark gray (N4) sandy mud; underlying layer of mottled medium (N5) to medium dark (N4) gray sandy mud, mottling due to bioturbation (many worms), firm, has a dry feel, but easy to squeeze out water; no odor
4	12.8	Floc layer, about 0.5-cm thick, consisting of moderate brown (5 YR 4/4) and dark yellowish brown (10 YR 4/2) mud, no grit, live <i>Rangia</i> ; below floc, a 2-cm thick surface layer of smooth, soft, medium gray (N5) mud with some very fine grit; plant matter; underlying layer of smooth (no grit), lumpy, medium dark gray (N4) mud (just slightly darker than overlying layer), piece of wood (bark), shells, burrows, no odor
5	18.0	Very slightly gritty, dark yellowish brown (10 YR 4/2) floc layer, about 0.5 cm thick; disarticulated shells and a few live <i>Macoma</i> in floc layer; below floc, a 1.5-cm thick surface layer of very slightly gritty, smooth, moderately soft, medium gray (N5) mud; underlying layer of smooth, firm, medium dark gray (N4) mud, shell fragments; plant matter, worms - some burrows streaking sample; no odor; "fluid mud" layer

Table 1-3 (con't): Field descriptions - surficial sediment samples collected on November 15, 1988 (Cruise 19)

Station number	Water depth (ft.)	Description
6	15.5	Moderate brown (5 YR 4/4) floc layer, about 1 cm thick, with fine grit, live <i>Rangia</i> ; below floc a very wet, slightly gritty, mottled olive gray (5 Y 4/1) and brownish black (5 YR 2/1) mud, texture variably softer and firmer; abundant shell fragments, some plant matter, small log; soupy/sloppy when released from sampler
7	17.0	Smooth, watery, moderate brown (5 YR 4/4) floc layer, about 0.5 cm thick, no grit, live <i>Rangia</i> ; below floc, a 1-cm thick surface layer of smooth, soft, medium gray (N5) mud; live <i>Rangia</i> ; underlying layer of bioturbated, smooth, firm mud with very abundant shells of all sizes; no odor
8A	13.3	Dark yellowish brown (10 YR 4/2) floc layer consisting of slightly gritty mud, about 2 cm thick, many live <i>Rangia</i> ; below floc - brownish gray to brownish black (5 YR 3/1) gray, firm sandy mud, bioturbated, a few worms, plant matter, no odor
9	18.0	Real soft, dark yellowish brown (10 YR 4/2) floc layer, about 2 cm thick, with lots of shells - mostly unbroken, disarticulated <i>Macoma</i> and <i>Rangia</i> ; overlies grayish black (N2) mud, weird texture - both cottage cheesy and firm; heavily bioturbated; many shell fragments and shell halves; no odor
10	14.6	Surface layer of dark yellowish brown (10 YR 4/2), slightly muddy medium sand, about 0.5 cm thick, though varies somewhat in thickness; contains live <i>Rangia</i> ; underlying layer of medium dark gray (N4), slightly muddy sand; shell fragments and shell halves; plant matter; no odor

Table 1-3 (con't): Field descriptions - surficial sediment samples collected on November 15, 1988 (Cruise 19)

Station number	Water depth (ft.)	Description
11	14.7	No floc layer; surface layer, 1 cm thick, of dark yellowish brown (10 YR 4/2), muddy fine sand with many living and dead clams; underlying layer of brownish gray (5 YR 4/1), muddy fine sand with living <i>Rangia</i> and <i>Macoma</i> as well as shell fragments; no odor
12	11.0	No real floc layer; upper 5 cm paved with shells - so many that they obscure physical features; sediment appears to be a dark yellowish brown (10 YR 4/2), fairly cohesive mud, no grit; underlying layer consists of dark gray (N3), fine sandy mud (gritty); some plant matter; no odor; all three grabs looked alike from top
13	8.2	Surface consists of a very thin layer of mixed sand and floc, with some live, adult <i>Rangia</i> remaining grab consists of uniform, moderate yellowish brown (10 YR 5/4), slightly muddy, medium sand (with some coarse grains); no odor
14	12.6	Very thick, moderate brown (5 YR 4/4) floc layer, with a few <i>Rangia</i> - live clams, shell fragments and unbroken shell halves; overlies real soft, smooth (no grit), mottled dark gray (N3) and grayish black (N2) mud, with a few shell fragments; no odor; 6-8 ft visibility in water
15	10.6	Floc layer consisting of moderate brown (5 YR 4/4) (poor match) mud with very little grit; surface covered with clams (more clams than floc) - mostly live, adult <i>Rangia</i> ; underlying layer of moderately firm, very slightly gritty, grayish black (N2) mud; plant matter; no odor



Table 1-3 (con't): Field descriptions - surficial sediment samples collected on November 15, 1988 (Cruise 19)

Station number	Water depth (ft.)	Description
16	10.0	Dark yellowish brown (10 YR 4/2) floc layer, 1 cm thick, consisting of gritty mud; some <i>Rangia</i> in floc layer, both living and dead; overlies gritty, grayish black (N2) sandy mud with many shell fragments; worm burrows; lots of plant matter; no odor
17	9.5	Dark yellowish brown (10 YR 4/2), muddy floc layer, no grit, 1 cm thick, with living <i>Rangia</i> and shell halves; overlies dark gray (N3) mud -not gritty or particularly firm; bioturbated -some very thin worms; plant matter; no odor
18	9.1	Dark yellowish brown (10 YR 4/2), muddy floc layer, no grit, about 0.5 cm thick; abundant <i>Rangia</i> - mostly dead, though some are living; unbroken shell halves; overlies smooth (no grit), firm, grayish black (N2) mud with abundant shells; worm burrows; plant matter; no odor
19	17.5	Moderate brown (5 YR 4/4), very slightly gritty floc layer, about 1 cm thick; <i>Rangia</i> at the surface; overlies 1-2-cm thick layer of smeared, churned up, medium dark gray (N4) mud; below that is a layer of firm, smooth (no grit), grayish black (N2) mud; many dead (articulated and disarticulated) shells; strongly burrowed - thin worm (polychaete); no odor
20	14.4	Moderate brown (5 YR 4/4), slightly gritty, muddy floc layer with live <i>Rangia</i> ; overlies a layer of moderately soft, very slightly gritty, medium dark gray (N4) mud; below that is a layer of firm, grayish black (N2) mud with lots of shell fragments, including one living <i>Rangia</i> and many dead (articulated and disarticulated) ones; bioturbated; plant matter; smells like native sulfur, not sulfide

Table 1-3 (con't): Field descriptions - surficial sediment samples collected on November 15, 1988 (Cruise 19)

Station number	Water depth (ft.)	Description
21B	13.0	No floc layer; surface layer of moderate brown (5 YR 3/4) medium sand; underlying layer (at some depth) consists of muddy sand, mottled with lighter brown; some mud lenses; live <i>Rangia</i> ; dead clams; worm tube; no odor
22	10.6	Moderate brown (5 YR 4/4), gritty, muddy floc layer with many adult and juvenile <i>Rangia</i> , both living and dead (articulated and disarticulated); overlies 1-cm thick layer of variably soft and firm, medium dark gray (N4) sandy mud; below that is a layer of dark gray (N3) sandy mud, similar in texture to the overlying layer; worms; shell fragments and unbroken shell halves
23	-	Floc layer, less than 0.5 cm thick, consisting of moderate yellowish brown (10 YR 5/4) mud, no grit; overlies a layer of very soft, gritty, cottage cheesy (small lumps) mud, grading in color from medium light gray (N6) to medium gray (N5); root fragments; small shell fragments; no odor
24	16.7	Thin (<0.5 cm), moderate brown (5 YR 3/4) floc layer of very gritty, muddy sand; lots of shells - adult and juvenile <i>Rangia</i> (disarticulated, articulated, some living); overlies layer of muddy sand (gritty), grading in color from medium dark gray (N4) to grayish black (N2) - pretty black at the bottom; many shell fragments; worms - bioturbated (streaks of brown); root fragments; no odor
25	18.0	Moderate brown (5 YR 4/4) floc layer, 1 cm thick and full of shells (mostly dead); overlies homogeneous layer of firm, grayish black (N2) mud; heavily bioturbated; abundant shell fragments; plant matter; no odor

Table 1-3 (con't): Field descriptions - surficial sediment samples collected on November 15, 1988 (Cruise 19)

Station number	Water depth (ft.)	Description
26	16.0	Slightly gritty, moderate brown (5 YR 4/4) floc layer, about 1 cm thick, with disarticulated shells; overlies 0.5 cm thick layer of very soft, slightly gritty, dark gray (N3) mud; below that is a layer of smooth, firm, grayish black (N2) mud; packed with shells, but none alive; worm burrows, but no worms; root material; no odor
27	15.7	Moderate brown (5 YR 4/4) floc layer consisting of gritty mud (very fine grit with some medium sand); some live <i>Rangia</i> at the top; overlies a 1-cm thick layer of firm, medium dark gray (N4) mud; below that is a layer of firm, very slightly gritty, grayish black (N2) mud (color change from N4 to N2 is chemical, not textural); loaded with <i>Rangia</i> - about 33% of sample), which have bioturbated sediment; no odor
28	19.0	Moderate brown (5 YR 4/4), slightly gritty floc layer about 1 cm thick; overlies 3 cm of medium dark gray (N4), watery ("very liquid"), gritty mud, loaded with <i>Rangia</i> ; below that is a layer of firm, sandy mud (about 10% sand); abundant shells; plant matter; no odor
29	4.2	No floc layer; mottled moderate brown (5 YR 4/4) and dark yellowish brown (10 YR 4/2) sand with lenses of clay about 1 cm across; bioturbated; a few <i>Rangia</i> - living and disarticulated, unbroken shells; no odor

Table 1-3 (con't): Field descriptions - surficial sediment samples collected on November 15, 1988 (Cruise 19)

Station number	Water depth (ft.)	Description
BC-1	16.0	Dark yellowish brown (10 YR 4/2) floc layer consisting of 0.5 cm of gritty mud; a few small, dead (disarticulated) shells; overlies very firm, smooth (feels like butter cream icing), sticky mud (no sand at all); light olive gray (5 Y 6/1) mottled with medium dark gray (N4) (looks like modelling clay); mottling due to burrowing; live worms - worms are getting through but not clams; some small, disarticulated <i>Mulinia</i> (?); no odor; "fluid mud" layer (didn't split open; light-colored, smooth clayey silt - washes off easily)
BC-2	17.0	Moderate brown (5 YR 4/4), slightly gritty, soft floc layer; overlies 1.5-cm thick layer of soft, smooth, dark gray (N3) mud; below that is a firm, smooth (no grit) layer of grayish black (N2) mud with live <i>Macoma</i> and <i>Rangia</i> ; abundant shells throughout; no worms; no odor
BC-3	4.2	Thin (0.5 cm), very liquid, moderate yellowish brown (10 YR 5/4) floc layer (not as red in color as other grabs); overlies a very firm, mottled dusky red (5 R 3/4) and medium gray (N5) mud streaked with medium dark gray (N4); texture varies - some areas dry, other smooth -feels lumpy as a result; looks like diatomaceous earth; abundant shell fragments throughout; plant matter; no odor; "fluid mud" layer
BC-4	18.2	Dark yellowish brown (10 YR 4/2) floc layer, about 1 cm thick, of smooth, soupy mud with many <i>Rangia</i> fragments and shell halves, a few live <i>Rangia</i> ; overlies firm, dark gray (N3) mud with darker patches where clams died; dead and living <i>Macoma</i> ; many shell fragments, in patches; bioturbated; no odor

Table 1-3 (con't): Field descriptions - surficial sediment samples collected on November 15, 1988 (Cruise 19)

Station number	Water depth (ft.)	Description
BC-5	15.5	Very thick (1 cm), moderate brown (5 YR 4/4) floc layer with live (?) <i>Rangia</i> ; overlies 3 cm of real watery, soft, smooth, medium dark gray (N4) mud with live <i>Macoma</i> ; below that is a layer of smooth, grayish black (N2) mud with abundant shell fragments and shell halves; no odor
BC-6	10.3	Slightly gritty, moderate yellowish brown (10 YR 5/4) floc layer, about 0.5 cm thick, with lots of shell fragments and live <i>Rangia</i> ; overlies a layer of lumpy, dark gray (N3) mud - not gritty and not too firm; shell fragments; worms; strongly bioturbated; no odor
BC-7	10.0	Smooth (not gritty), dark yellowish brown (10 YR 4/2) floc layer, about 1 cm thick; overlies a smooth (not gritty) layer of grayish black (N2) mud - not real firm; a few live <i>Macoma</i> - may be ten shells in whole grab; worms; many burrows - bioturbation has mixed floc into underlying layer; no odor

\* The alphanumeric codes following the color names are Munsell numerical designations; the names themselves are from the Inter-Society Color Council - National Bureau of Standards (ISCC-NBS) system

Table 1-4: Sedimentological parameters - surficial samples collected on November 15, 1988 (Cruise 19)

Station number	Water (%)	Sand (%)	Silt (%)	Clay (%)	Shepard's class	Weight loss (%)
2	22.70	96.77	1.07	2.16	Sa	-
3	30.28	76.37	10.40	13.23	Sa	8.52
4	57.06	2.44	56.16	41.40	ClSi	11.83
5	57.01	6.79	53.60	39.61	ClSi	12.65
6	60.77	2.76	44.81	52.43	SiCl	23.84
7	59.82	2.67	40.69	56.64	SiCl	23.17
8A	44.76	39.67	38.31	22.01	SaSiCl	10.33
9	59.87	3.86	41.00	55.13	SiCl	27.33
10	26.01	96.01	2.21	1.78	Sa	2.35
11-1	23.69	90.48	4.81	4.71	Sa	9.21
11-2	29.49	90.94	5.08	3.98	Sa	10.44
11-3	30.41	89.99	5.35	4.66	Sa	13.63
12-1	54.57	13.90	43.93	42.17	ClSi	20.18
12-2	55.54	9.45	44.79	45.76	SiCl	20.14
12-3	58.95	2.74	46.68	50.58	SiCl	40.37
13	23.59	99.54*	.46	.0	Sa	5.20
14	65.44	1.61	51.17	47.22	ClSi	25.60
15	60.76	2.43	45.65	51.92	SiCl	33.82
16	46.47	46.79	30.88	22.33	SaSiCl	15.86
17	61.16	2.45	43.15	54.41	SiCl	15.86
18	57.37	6.43	49.38	44.19	ClSi	11.38
19	59.95	.25	38.77	60.98	SiCl	17.06
20	59.04	1.64	41.58	56.78	SiCl	14.49
21B	23.73	97.04*	1.51	1.45	Sa	1.54
22	38.71	74.37*	12.34	13.28	ClSa	5.08
23	51.75	45.16	32.57	22.27	SaSiCl	11.45
24-1	27.00	87.04	6.23	6.73	Sa	8.02
24-2	30.77	79.02*	9.50	11.47	Sa	8.36
24-3	28.75	80.75*	8.78	10.47	Sa	15.63
25	59.73	1.59	44.06	54.36	SiCl	20.90
26	61.50	1.13	38.97	59.90	SiCl	23.28
27	59.07	1.91	41.82	56.27	SiCl	30.29
28	46.86	57.18	18.92	23.89	ClSa	11.27
29	24.94	98.62	1.31	.07	Sa	2.10
BC-1	41.28	.24	47.65	52.11	SiCl	7.21
BC-2	51.10	1.10	41.25	57.65	SiCl	35.41
BC-3	42.27	4.43	60.03	35.54	ClSi	12.13
BC-4	62.19	2.65	45.17	52.18	SiCl	24.52
BC-5	63.86	2.12	42.57	55.31	SiCl	20.65

Table 1-4 (con't): Sedimentological parameters - surficial samples collected on November 15, 1988 (Cruise 19)

Station number	Water (%)	Sand (%)	Silt (%)	Clay (%)	Shepard's class	Weight loss (%)
BC-6	64.22	2.04	42.40	55.56	SiCl	21.46
BC-7	59.57	4.20	59.98	35.82	ClSi	20.33

\* includes less than 1% gravel

Table 1-5: Trace metal concentrations - surficial sediment samples collected on November 15, 1988 (Cruise 19)

Station number	Cr ( $\mu\text{g/g}$ )	Cu ( $\mu\text{g/g}$ )	Fe (wt. %)	Mn ( $\mu\text{g/g}$ )	Ni ( $\mu\text{g/g}$ )	Zn ( $\mu\text{g/g}$ )
2	10.2	7.3	0.20	544	6.8	18.9
3	42.4	20.9	1.47	766	18.9	104.0
4	105.5	44.0	3.97	2424	58.3	250.5
5	97.9	43.4	4.06	2561	56.2	214.8
6	111.8	55.2	4.59	4146	70.2	299.2
7	108.8	53.1	4.81	2620	88.1	116.3
8A	90.5	41.1	2.95	1412	34.6	140.8
9	105.5	52.7	5.08	2330	81.6	281.8
10	20.5	17.6	0.66	657	6.5	42.4
11-1*	34.3	25.7	1.32	1641	16.4	71.4
11-2	25.6	18.6	1.38	1324	16.6	88.1
11-3	23.8	18.4	1.21	1305	14.3	73.7
12-1	105.4	53.8	4.48	3289	50.6	224.1
12-2	98.1	51.2	4.21	3015	54.4	240.1
12-3	102.5	52.1	4.64	5243	58.5	226.3
13	15.7	10.7	0.40	891	8.3	24.6
14	99.0	50.8	4.60	4680	77.3	243.0
15	110.3	52.4	4.14	1773	81.8	252.6
16	92.5	37.4	3.04	716	47.7	164.9
17*	120.5	51.3	4.32	1280	69.8	224.6
18	111.6	53.6	4.05	1001	68.3	261.0
19	109.8	61.4	5.33	3333	97.3	354.2
20	117.4	55.8	4.90	3203	88.2	344.6
21B	6.8	10.0	0.30	954	7.4	21.6
22	44.9	28.0	1.54	578	16.7	93.8
23	87.7	28.2	2.79	772	35.9	133.6
24-1	28.8	20.8	1.35	750	17.7	88.2
24-2	39.4	23.4	1.35	770	18.9	95.5
24-3	32.5	23.2	1.50	624	21.9	95.4
25*	97.1	67.7	5.43	5436	137.1	501.4
26	109.3	55.0	5.14	3967	81.2	332.1
27	122.3	60.0	5.58	7129	94.4	434.3
28	58.5	35.1	2.80	1421	67.6	252.4
29	6.8	4.2	0.30	649	11.2	25.9
BC-1	91.9	30.0	3.10	640	29.8	93.6
BC-2	94.4	50.7	5.13	2358	81.1	313.1
BC-3	105.2	24.2	3.11	464	22.8	104.9
BC-4	148.2	67.4	5.27	3588	112.7	350.1
BC-5	141.4	47.5	5.01	3179	76.6	247.2



Table 1-5 (con't): Trace metal concentrations - surficial sediment samples collected on November 15, 1988 (Cruise 19)

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Station number	Cr ( $\mu\text{g/g}$ )	Cu ( $\mu\text{g/g}$ )	Fe (wt. %)	Mn ( $\mu\text{g/g}$ )	Ni ( $\mu\text{g/g}$ )	Zn ( $\mu\text{g/g}$ )
BC-6*	125.9	62.1	4.93	1360	82.0	323.9
BC-7	145.6	62.0	3.91	744	53.4	245.4

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\* duplicate lab samples averaged

Table 1-6: Enrichment factors - surficial sediment samples collected on November 15, 1988 (Cruise 19)

Station number	Cr	Cu	Mn	Ni	Zn
2	2.70	3.88	15.29	2.39	4.75
3	1.52	1.50	2.90	0.89	3.53
4	1.40	1.17	3.39	1.02	3.14
5	1.27	1.13	3.51	0.96	2.63
6	1.28	1.27	5.01	1.06	3.24
7	1.19	1.16	3.02	1.27	1.20
8A	1.61	1.46	2.66	0.81	2.37
9	1.09	1.09	2.55	1.12	2.76
10	1.62	2.80	5.51	0.68	3.18
11-1*	1.37	2.07	6.91	0.86	2.69
11-2	0.97	1.42	5.33	0.84	3.17
11-3	1.03	1.60	5.98	0.82	3.02
12-1	1.23	1.26	4.07	0.78	2.48
12-2	1.22	1.28	3.98	0.90	2.83
12-3	1.16	1.18	6.28	0.87	2.42
13	2.08	2.85	12.51	1.45	3.09
14	1.13	1.16	5.65	1.17	2.63
15	1.40	1.33	2.38	1.37	3.03
16	1.59	1.29	1.31	1.09	2.69
17*	1.46	1.25	1.64	1.12	2.58
18	1.45	1.39	1.37	1.17	3.20
19	1.08	1.21	3.48	1.27	3.30
20	1.26	1.20	3.63	1.25	3.49
21B	1.17	3.45	17.38	1.69	3.52
22	1.53	1.91	2.09	0.75	3.03
23	1.65	1.06	1.54	0.89	2.38
24-1	1.11	1.62	3.08	0.91	3.24
24-2	1.53	1.82	3.17	0.97	3.51
24-3	1.14	1.63	2.31	1.01	3.16
25*	0.94	1.31	5.56	1.75	4.59
26	1.11	1.12	4.28	1.09	3.21
27	1.15	1.13	7.09	1.17	3.87
28	1.10	1.32	2.82	1.68	4.48
29	1.20	1.48	12.15	2.62	4.34
BC-1	1.56	1.02	1.15	0.67	1.50
BC-2	0.97	1.04	2.55	1.10	3.03
BC-3	1.77	0.82	0.83	0.51	1.68
BC-4	1.47	1.35	3.78	1.48	3.30
BC-5	1.48	1.00	3.53	1.06	2.45

Table 1-6 (con't): Enrichment factors - surficial sediment samples collected on November 15, 1988 (Cruise 19)

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Station number	Cr	Cu	Mn	Ni	Zn
BC-6*	1.34	1.32	1.54	1.16	3.26
BC-7	1.95	1.67	1.06	0.95	3.12

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\* duplicate lab samples averaged

Table 1-7: Field descriptions - surficial sediment samples collected on April 3, 1989 (Cruise 20)

Station number	Water depth (ft.)	Description
2	8.0	No floc layer; moderate brown (5 YR 3/4)*, muddy fine sand, mottled with other colors; plant matter; no odor; some sample washed out as sampler was pulled up - may have lost some fines
3	15.0	Dark yellowish brown (10 YR 4/2) floc layer, 1-2 cm thick, consisting of gritty, watery mud; overlies predominantly dark gray (N3), muddy fine sand mottled with dark yellowish brown (10 YR 4/2) - mottling due to bioturbation, neither soft nor firm, variably sandier and muddier; some articulated and disarticulated, juvenile (1 in. long) <i>Rangia</i> shells in floc layer; a few shells in underlying layer; many worms; plant matter; no odor
4	13.0	Thick floc layer consisting of smooth (no grit), soft, fluffy, moderate brown (5 YR 3/4) mud; overlies predominantly grayish black (N2) mud mottled with olive gray (5 Y 4/1); smooth (no grit), varies in texture - neither soft nor firm; a few articulated shells in floc layer; very few shells in underlying layer; lots of worms; no odor
5	17.0	Thick (2.5 cm) floc layer consisting of smooth (no grit), soft, fluffy, moderate brown (5 YR 3/4) mud; overlies very smooth, creamy, medium dark gray to dark gray (N3.5) mud, uniform in color ("fluid mud layer"); no shells in floc layer; a few disarticulated <i>Rangia</i> and <i>Macoma</i> shells, 1 in. long, below floc

Table 1-7 (con't): Field descriptions - surficial sediment samples collected on April 3, 1989 (Cruise 20)

Station number	Water depth (ft.)	Description
6	15.0	Fluffy, muddy, moderate brown (5 YR 3/4) floc layer, about 2 cm thick; overlies predominantly grayish black (N2) mud mottled with moderate brown (5 YR 3/4); smooth, sticky, neither soft nor firm; lots of articulated and disarticulated shells in floc; some shell fragments and unbroken shell halves beneath floc; many burrows, some the same color as the floc layer; smells like dead organisms
7	17.0	Floc layer consisting of moderate brown (5 YR 3/4) mud; overlies dark gray to grayish black (N2.5) mud mottled with moderate brown (5 YR 3/4), neither soft nor firm; floc layer very shelly - disarticulated adult and juvenile <i>Rangia</i> , a few shells, mostly shell halves, in underlying layer - friable, about 1 cm long; lots of burrows; smells like dead organisms
8A	13.0	Soft, dark yellowish brown (10 YR 4/2) floc layer consisting of 1 cm of soft, medium sandy mud; overlies predominantly medium dark to dark gray (N3.5) fine to medium sandy mud mottled with black (N1) around decomposing organisms, varies in relative amounts of sand and mud; creamy, olive gray (5 Y 4/1) sediments at depth ("fluid mud" layer?); a few shells below floc layer; large wood fragment; no odor
9	19.0	Watery, muddy, moderate brown (5 YR 3/4) floc layer, about 1 cm thick; overlies soft, grayish black (N2) mud with olive gray (5 Y 4/1) burrows; shelly floc layer, with disarticulated <i>Rangia</i> and maybe some <i>Macoma</i> , small shell halves below floc layer; no odor

Table 1-7 (con't): Field descriptions - surficial sediment samples collected on April 3, 1989 (Cruise 20)

Station number	Water depth (ft.)	Description
10	15.0	No floc layer; soft, moderate brown (5 YR 3/4), fine to medium sandy mud; lots of shells - disarticulated, adult and juvenile <i>Rangia</i> ; no odor
11	15.0	Thin floc layer, consisting of watery, dark yellowish brown (10 YR 4/2) muddy sand; overlies dark gray (N3) muddy medium sand mottled with grayish black (N2) around decomposing clams; many articulated and disarticulated <i>Rangia</i> throughout; a few worms; of the three grabs, first, described here, shellier than other two
12	12.0	Dark yellowish brown (10 YR 4/2) floc layer of undetermined thickness (too many shells); overlies sticky, cohesive, grayish black (N2) sandy mud with some darker spots, no detectable variation in amount of sand from one part of grab to another; surface covered with <i>Rangia</i> , almost all articulated but dead; fewer below floc layer, in pockets; smells like dead clams
13	9.0	No floc layer; very slightly muddy medium sand, moderate brown (5 YR 3/4) to dark yellowish brown (10 YR 4/2) at depth, sand fraction well sorted; a few <i>Rangia</i> , mostly disarticulated, a few articulated; no worms; heavy minerals; no odor
14	13.0	Fluffy, muddy floc layer, no grit, mottled moderate brown (5 YR 3/4) and dark yellowish brown (10 YR 4/2), about 2 cm thick; overlies soft, smooth, watery, grayish black (N2) mud; a few adult <i>Rangia</i> , living and dead, in floc layer, a few shells below floc; no burrows; no odor

Table 1-7 (con't): Field descriptions - surficial sediment samples collected on April 3, 1989 (Cruise 20)

Station number	Water depth (ft.)	Description
15	11.0	Dark yellowish brown (10 YR 4/2), watery, muddy floc layer, 1-2 cm thick; overlies uniformly soft, smooth, grayish black (N2) mud; some <i>Rangia</i> in floc layer - articulated and disarticulated, about 3.5 cm long, a few shell fragments below floc; worm, at least one burrow same color as floc; no odor
16	10.0	Soft, fluffy, gritty, dark yellowish brown (10 YR 4/2) floc layer, about 1-2 cm thick, consisting of fine sandy mud; overlies soft, sticky layer of grayish black (N2) fine sandy mud; underlying layer of olive black (5 Y 2/1) muddy sand; some disarticulated and articulated adult <i>Rangia</i> in floc layer, a few disarticulated <i>Rangia</i> shells in underlying layers; worms and burrows
17	10.0	Dark yellowish brown (10 YR 4/2) floc layer consisting of 1 cm of smooth (no grit), watery, mud; overlies sticky, grayish black mud, uniform in color, except for burrows, no grit; some shells (articulated and disarticulated <i>Rangia</i> , about 3.5 cm long) in floc layer; a few shell fragments and disarticulated, adult and juvenile <i>Rangia</i> below floc; lots of burrows - same color as floc; no odor
18	10.0	Dark yellowish brown (10 YR 4/2) floc layer consisting of 2-3 cm of soft, watery mud (no grit); overlies real smooth, sticky, uniformly grayish black (N2) mud, no grit; fairly many articulated and disarticulated, adult and juvenile <i>Rangia</i> in floc layer; a few disarticulated, adult <i>Rangia</i> below floc; plant matter; no odor
19	18.0	Floc layer of undetermined thickness consisting of moderate brown (5 YR 3/4) mud; overlies mottled grayish black (N2), olive

Table 1-7 (con't): Field descriptions - surficial sediment samples collected on April 3, 1989 (Cruise 20)

Station number	Water depth (ft.)	Description
19	18.0	gray (5 Y 4/1), and moderate brown (5 YR 3/4), slick mud; some disarticulated <i>Rangia</i> shells, 1 cm long, in floc layer, a few below floc; lots of worms and burrows; no odor
20	15.0	Dark yellowish brown (10 YR 4/2) floc layer consisting of about 1 cm of soft, fluffy mud; overlies sticky, dark gray to grayish black (N2.5) mud mottled with dark yellowish brown (10 YR 4/2) (mottling due to bioturbation); a few articulated and disarticulated shells in floc layer, many articulated and disarticulated <i>Rangia</i> below floc; lots of worms; no odor
21B	13.0	No floc layer; dark yellowish brown (10 YR 4/2), very slightly muddy fine sand with gray clayey lens; a few articulated and disarticulated adult <i>Rangia</i> ; no odor
22	11.0	Thin floc layer consisting of dark yellowish brown (10 YR 4/2) sandy mud; overlies pretty soft, medium sandy mud, uniformly grayish black (N2), except for burrows; a few articulated <i>Rangia</i> in floc layer and disarticulated shells below floc; lots of worms and burrows (same color as floc); no odor
23	11.0	Dark yellowish brown (10 YR 4/2) floc layer consisting of 4-5 cm of fluffy, slightly gritty mud; overlies very slightly gritty (fine to very fine sand), dark gray (N3) mud, variably smoother (and grittier?), uniform in color except for burrows; no shells or fragments in floc layer; a few shell fragments below floc; worms and burrows (same color as floc); no odor



Table 1-7 (con't): Field descriptions - surficial sediment samples collected on April 3, 1989 (Cruise 20)

Station number	Water depth (ft.)	Description
24	20.0	Dark yellowish brown (10 YR 4/2) floc layer consisting of 1 cm of muddy sand; overlies mottled dark gray (N3) and olive gray (5 Y 4/1), soft muddy sand, varies in relative amounts of sand and mud; very shelly floc layer (dead, articulated <i>Rangia</i> , about 2-5 cm long), a few articulated and disarticulated shells below floc; worms; no odor; second grab shellier than first
25	18.0	Moderate brown (5 YR 3/4) floc layer consisting of watery mud; overlies mottled dark gray (N3) and olive gray (5 Y 4/1), lumpy mud, neither soft nor firm; shelly floc layer with disarticulated, adult <i>Rangia</i> and friable, disarticulated <i>Macoma</i> (?), a few articulated and disarticulated <i>Rangia</i> and <i>Macoma</i> (?) below floc; heavily burrowed; no odor
26	16.0	Floc layer of undetermined thickness (too many shells) consisting of moderate brown (5 YR 3/4) mud; overlies mottled dark gray (N3) and grayish black (N2), sticky mud; floc layer loaded with shells, mostly disarticulated, juvenile <i>Rangia</i> ; some friable, articulated and disarticulated shells ( <i>Macoma</i> (?)) below floc; worms and burrows - same color as floc; plant matter; smells like dead organisms
27	16.0	Moderate brown (5 YR 3/4) floc layer consisting of 1-2 cm of soft, fine gritty mud; overlies cohesive, mottled dark gray (N3) and olive gray (5 Y 4/1) mud (olive gray associated with decomposing organisms); some living <i>Rangia</i> in floc, as well as disarticulated <i>Rangia</i> and <i>Macoma</i> ; many disarticulated shells below floc; burrows; no odor

Table 1-7 (con't): Field descriptions - surficial sediment samples collected on April 3, 1989 (Cruise 20)

Station number	Water depth (ft.)	Description
28	19.0	Moderate brown (5 YR 3/4) floc layer consisting of 1-2 cm of gritty mud; overlies pretty soft, uniformly grayish black (N2), fine to medium sandy mud, varies in relative amounts of sand and mud; some disarticulated, adult and juvenile <i>Rangia</i> in floc layer; a few articulated and disarticulated <i>Rangia</i> below floc; a few worms; no odor
29	8.0	Moderate brown (5 YR 3/4) floc layer consisting of muddy sand; overlies mottled medium dark gray (N4), grayish black (N2), and moderate brown (5 YR 3/4), soft, watery muddy sand; many articulated and disarticulated shells in floc layer; a few shells below floc; no worms; plant matter; fecal matter(?) on surface; smells like dead organisms
BC-3	15.0	Muddy (not gritty), moderate brown (5 YR 3/4) floc layer, less than 1 cm thick; overlies very cohesive, creamy mud consisting of bands of medium dark gray (N4) and pale reddish brown (10 R 5/4) ("fluid mud" layer), lumpy at surface; some adult and juvenile <i>Rangia</i> in floc layer; very few shells below floc; no worms
BC-6	11.0	Dark yellowish brown (10 YR 4/2) floc layer consisting of 1-2 cm of soft mud, no grit; overlies uniformly dark gray to grayish black (N2.5), soft, sticky mud (no grit); many disarticulated <i>Rangia</i> , 3-5 cm long, in floc layer; a few disarticulated shells and shell fragments below floc; worms; smells like dead organisms

\* The alphanumeric codes following the color names are Munsell numerical designations; the names themselves are from the Inter-Society Color Council - National Bureau of Standards system

Table 1-8: Sedimentological parameters - surficial samples collected on April 3, 1989 (Cruise 20)

Station number	Water (%)	Sand (%)	Silt (%)	Clay (%)	Shepard's class	Weight loss (%)
2	23.17	95.29	2.22	2.49	Sa	2.99
3	33.92	71.64	12.31	16.04	ClSa	5.60
4	57.04	2.19	56.16	41.65	ClSi	15.45
5	57.89	6.59	52.43	40.98	ClSi	15.13
6	60.22	2.41	46.87	50.72	SiCl	17.95
7	60.15	2.31	39.27	58.42	SiCl	27.23
8A	40.06	49.71	34.60	15.69	SiSa	11.37
9	60.50	5.06	42.38	52.56	SiCl	26.02
10	37.91	78.08	11.43	10.49	Sa	30.52
11-1	32.74	88.45	6.30	5.24	Sa	8.24
11-2	26.98	89.33	5.77	4.90	Sa	15.98
11-3	32.37	91.70	5.73	2.57	Sa	8.19
12	56.91	6.74	46.30	46.96	SiCl	18.17
13	26.93	93.46*	2.58	3.96	Sa	2.00
14	63.59	0.91	42.82	56.27	SiCl	15.36
15	63.06	2.98	39.44	57.59	SiCl	13.44
16	46.22	49.09	24.71	26.21	SaSiCl	9.22
17	60.92	3.76	45.62	50.61	SiCl	14.76
18	54.76	6.61	45.85	47.54	SiCl	19.08
19	58.00	0.37	35.59	64.04	SiCl	22.87
20	54.97	1.35	38.70	59.95	SiCl	27.67
21B	24.10	96.49*	1.37	2.14	Sa	2.32
22	30.61	81.04*	8.45	10.50	Sa	9.39
23	44.17	48.47	29.63	21.90	SaSiCl	9.31
24-1	29.36	79.88	7.76	12.36	Sa	9.54
24-2	37.59	70.66	14.12	15.23	ClSa	18.19
24-3	35.02	78.20	11.26	10.54	Sa	16.28
25	60.05	1.89	48.00	50.11	SiCl	35.81
26	60.03	0.74	36.00	63.25	SiCl	28.18
27	61.24	2.27	41.42	56.31	SiCl	28.76
28	42.18	64.89	15.05	20.06	ClSa	13.23
29	33.04	75.87	17.52	6.61	Sa	10.67
BC-3	50.88	0.84	49.47	49.69	SiCl	11.08
BC-6	62.45	2.76	40.74	56.50	SiCl	14.50

\* contains less than 1% gravel

Table 1-9: Trace metal concentrations - surficial sediment samples collected on April 3, 1989 (Cruise 20)

Station number	Cr ( $\mu\text{g/g}$ )	Cu ( $\mu\text{g/g}$ )	Fe (wt. %)	Mn ( $\mu\text{g/g}$ )	Ni ( $\mu\text{g/g}$ )	Zn ( $\mu\text{g/g}$ )
2	34.6	13.2	0.60	1410	24.7	45.0
3	62.5	22.4	1.57	628	33.7	104.2
4	108.1	33.3	4.02	2212	68.5	214.8
5	104.6	38.7	3.93	1722	38.0	195.2
6	111.6	37.1	4.27	2147	43.0	233.5
7	119.2	48.0	5.00	1908	55.5	329.9
8A	74.0	23.7	2.16	765	37.9	89.0
9*	123.1	54.2	5.08	2790	97.6	449.6
10	60.1	24.7	1.78	2852	46.2	105.0
11-1	63.6	24.0	1.69	2109	48.6	99.2
11-2	53.1	19.2	1.48	1749	35.8	97.4
11-3	61.1	23.1	2.02	2272	40.8	119.6
12	135.0	40.2	3.98	2851	52.2	210.7
13	29.6	10.7	0.34	1017	19.2	26.5
14	121.6	37.7	4.40	4329	68.6	251.4
15	131.6	48.6	4.52	1486	75.2	293.8
16	97.5	32.1	2.54	747	43.4	184.8
17*	130.4	42.3	3.97	993	53.9	242.2
18	118.0	37.8	3.72	783	53.4	238.0
19	132.2	45.9	5.24	1937	70.8	334.6
20	147.7	49.8	5.09	2268	81.7	364.5
21B	26.1	9.1	0.30	475	27.0	15.1
22	61.6	13.3	1.21	258	37.8	66.7
23	98.1	29.0	2.49	457	47.2	152.4
24-1	49.5	20.4	1.30	503	42.6	90.7
24-2	58.1	22.4	1.77	796	49.4	113.8
24-3	49.1	19.0	1.56	635	39.6	115.6
25*	130.3	60.8	5.20	3690	93.9	606.2
26	129.6	50.4	5.01	2088	65.8	377.4
27	125.1	60.8	5.49	4009	75.8	588.2
28	60.1	27.5	2.72	1856	65.0	219.0
29	48.6	11.2	1.05	748	44.6	51.3
BC-3	108.1	26.8	3.83	962	43.4	115.2
BC-6	142.1	47.8	4.65	1247	63.0	328.1

\* duplicate lab samples averaged

Table 1-10: Enrichment factors - surficial sediment samples collected on April 3, 1989 (Cruise 20)

Station number	Cr	Cu	Mn	Ni	Zn
2	3.01	2.30	12.98	2.84	3.71
3	2.09	1.51	2.23	1.49	3.30
4	1.41	0.87	3.05	1.18	2.65
5	1.40	1.04	2.43	0.67	2.47
6	1.37	0.92	2.79	0.70	2.72
7	1.25	1.01	2.12	0.77	3.28
8A	1.79	1.15	1.96	1.22	2.04
9*	1.27	1.12	3.04	1.34	4.40
10	1.77	1.47	8.92	1.81	2.94
11-1	1.97	1.49	6.91	1.99	2.91
11-2	1.88	1.36	6.55	1.67	3.26
11-3	1.58	1.20	6.24	1.40	2.94
12	1.78	1.06	3.98	0.91	2.63
13	4.59	3.34	16.74	3.96	3.90
14	1.45	0.90	5.46	1.08	2.84
15	1.53	1.13	1.83	1.15	3.23
16	2.01	1.33	1.63	1.19	3.61
17*	1.72	1.12	1.39	0.94	3.02
18	1.66	1.07	1.17	1.00	3.18
19	1.32	0.92	2.05	0.94	3.17
20	1.52	1.03	2.48	1.11	3.56
21B	4.52	3.17	8.72	6.18	2.47
22	2.66	1.16	1.18	2.16	2.73
23	2.07	1.23	1.02	1.31	3.04
24-1	1.99	1.65	2.14	2.27	3.46
24-2	1.72	1.34	2.50	1.94	3.20
24-3	1.65	1.28	2.26	1.76	3.68
25*	1.31	1.22	3.94	1.25	5.78
26	1.36	1.06	2.31	0.91	3.74
27	1.20	1.17	4.06	0.96	5.32
28	1.16	1.06	3.79	1.66	4.00
29	2.42	1.12	3.95	2.95	2.42
BC-3	1.48	0.74	1.40	0.79	1.50
BC-6	1.60	1.08	1.49	0.94	3.51

\*duplicate lab samples averaged

Table 1-11: Sedimentological parameters - subsamples taken from gravity cores collected on April 3-4, 1989 (Cruise 20)

Depth (cm)	Water (%)	Sand (%)	Silt (%)	Clay (%)	Shepard's class	Weight loss (%)
<u>Station 12</u>						
0.0- 1.0	59.14	9.72	43.58	46.70	SiCl	21.14
1.0- 4.0	57.87	13.09	42.82	44.09	SiCl	10.87
4.0- 7.0	56.15	8.16	42.03	49.81	SiCl	20.21
7.0- 10.0	43.27	52.02	25.49	22.49	SaSiCl	8.49
10.0- 12.0	40.94	51.34	30.54	18.12	SiSa	12.31
12.0- 14.0	40.55	48.95	29.60	21.45	SaSiCl	10.31
14.0- 18.0	31.61	85.32	7.54	7.14	Sa	6.49
18.0- 22.0	28.18	90.39	4.76	4.85	Sa	5.97
22.0- 26.0	42.10	73.40	9.99	16.61	ClSa	3.58
30.0- 34.0	28.73	88.62	5.11	6.27	Sa	7.33
38.0- 42.0	24.83	92.54	3.30	4.16	Sa	6.26
<u>Station 12A</u>						
0.0- 1.0	34.65	62.54	18.43	19.03	ClSa	10.33
1.0- 5.0	29.50	75.97	12.44	11.58	Sa	5.50
5.0- 10.0	24.71	94.41	2.49	3.10	Sa	3.49
<u>Station 12B</u>						
1.0- 5.0	59.58	4.48	44.00	51.52	SiCl	18.87
5.0- 9.0	52.77	26.65	37.14	36.21	SaSiCl	16.58
9.0- 14.0	36.52	37.29	43.88	18.83	SaSi	10.76
14.0- 18.0	42.37	39.53	41.99	18.48	SaSi	2.16
18.0- 21.0	32.36	66.31	23.38	10.31	SiSa	-
21.0- 25.0	24.32	90.39	4.73	4.88	Sa	6.41
30.0- 32.0	32.02	90.23	4.86	4.91	Sa	9.71
33.0- 36.0	23.53	95.62	2.52	1.86	Sa	4.72
<u>Station 12C</u>						
0.0- 4.0	56.74	6.75	41.63	51.62	SiCl	19.38
4.0- 8.0	57.77	2.36	46.92	50.71	SiCl	13.11
8.0- 10.0	54.99	10.72	37.25	52.02	SiCl	20.29
10.0- 14.0	56.94	9.04	43.10	47.86	SiCl	13.99
14.0- 18.0	41.89	41.85	28.63	29.51	SaSiCl	17.24
18.0- 24.0	35.11	50.80	29.64	19.56	SiSa	11.85
24.0- 28.0	32.10	23.06	51.54	25.40	SaSiCl	10.82
28.0- 31.0	34.03	12.93	57.63	29.44	ClSi	10.98
31.0- 34.0	42.14	32.02	39.16	28.82	SaSiCl	11.83
34.0- 38.0	30.05	83.72	6.75	9.53	Sa	10.33

Table 1-11 (con't): Sedimentological parameters - subsamples taken from gravity cores collected on April 3-4, 1989 (Cruise 20)

Depth (cm)	Water (%)	Sand (%)	Silt (%)	Clay (%)	Shepard's class	Weight loss (%)
<u>Station 12C, (con't)</u>						
40.0- 44.0	30.67	89.30	4.62	6.09	Sa	4.13
50.0- 54.0	27.89	89.98	4.62	5.40	Sa	5.06
59.0- 63.0	25.75	92.06	3.67	4.28	Sa	1.04
<u>Station 12D</u>						
1.0- 5.0	54.17	20.28	39.91	39.81	SaSiCl	12.26
5.0- 9.0	38.03	29.55	44.50	25.95	SaSiCl	10.50
9.0- 13.0	31.95	77.13	11.31	11.56	Sa	9.80
13.0- 16.0	25.64	86.54	5.92	7.53	Sa	4.93
16.0- 21.0	25.33	91.57	3.98	4.44	Sa	5.49
21.0- 25.0	22.68	89.28	5.12	5.60	Sa	4.82
<u>Station BC-1</u>						
0.0- 4.0	49.39	0.31	38.77	60.93	SiCl	9.20
4.0- 8.0	55.02	0.16	37.61	62.22	SiCl	15.36
12.0- 16.0	57.98	5.65	38.30	56.05	SiCl	22.01
20.0- 24.0	54.18	3.61	34.59	61.81	SiCl	14.87
32.0- 36.0	54.49	5.83	37.33	56.84	SiCl	13.39
50.0- 54.0	62.49	2.20	36.83	60.97	SiCl	19.25
<u>Station BC-2</u>						
0.0- 4.0	60.76	1.63	39.66	58.71	SiCl	19.84
4.0- 8.0	60.64	0.82	42.02	57.17	SiCl	18.80
10.0- 14.0	59.09	1.40	41.96	56.64	SiCl	18.33
30.0- 34.0	55.44	1.10	40.97	57.93	SiCl	15.00
50.0- 54.0	55.88	1.36	38.07	60.57	SiCl	14.95
70.0- 74.0	60.31	6.18	40.66	53.16	SiCl	13.14
<u>Station BC-3</u>						
0.0- 4.0	55.53	11.22	50.67	38.10	ClSi	16.29
6.0- 10.0	47.13	0.92	55.40	43.68	ClSi	10.17
16.0- 20.0	34.24	4.05	66.68	29.27	ClSi	10.40
26.0- 30.0	57.23	1.92	40.13	57.95	SiCl	20.02
32.0- 36.0	59.17	0.53	38.68	60.80	SiCl	24.09
42.0- 46.0	53.81	4.87	40.06	55.07	SiCl	15.31
56.0- 60.0	54.91	0.25	36.33	63.42	SiCl	15.40
66.0- 70.0	55.04	2.96	38.81	58.23	SiCl	14.58

Table 1-11 (con't): Sedimentological parameters - subsamples taken from gravity cores collected on April 3-4, 1989 (Cruise 20)

Depth (cm)	Water (%)	Sand (%)	Silt (%)	Clay (%)	Shepard's class	Weight loss (%)
<u>Station BC-4</u>						
0.0- 4.0	61.63	5.20	41.56	53.24	SiCl	23.65
6.0- 8.0	58.01	2.24	41.83	55.92	SiCl	16.98
12.0- 16.0	57.51	1.41	38.17	60.42	SiCl	17.49
24.0- 28.0	58.45	0.66	36.78	62.56	SiCl	18.09
44.0- 48.0	61.11	0.73	40.69	58.59	SiCl	19.10
58.0- 62.0	59.99	1.76	44.97	53.27	SiCl	19.49
70.0- 74.0	63.25	0.73	42.32	56.95	SiCl	20.15
<u>Station BC-5</u>						
1.0- 5.0	63.95	1.63	40.60	57.77	SiCl	22.97
5.0- 9.0	64.94	1.67	42.03	56.30	SiCl	24.94
18.0- 22.0	55.51	2.77	43.90	53.34	SiCl	18.91
40.0- 44.0	54.81	2.05	38.11	59.85	SiCl	16.55
60.0- 64.0	60.17	1.45	42.86	55.69	SiCl	18.50
80.0- 84.0	62.34	0.97	38.38	60.65	SiCl	18.82
<u>Station BC-6</u>						
1.0- 5.0	62.13	2.18	38.62	59.20	SiCl	21.17
6.0- 10.0	59.05	2.68	43.77	53.55	SiCl	15.28
14.0- 18.0	54.74	4.29	44.84	50.88	SiCl	15.08
24.0- 28.0	61.98	1.97	42.16	55.86	SiCl	18.46
40.0- 44.0	63.31	0.96	39.32	59.71	SiCl	18.29
60.0- 64.0	62.37	1.22	38.54	60.24	SiCl	18.06
80.0- 84.0	60.03	1.01	38.17	60.82	SiCl	17.64
100.0-104.0	59.47	1.84	37.32	60.84	SiCl	16.06
<u>Station BC-7</u>						
2.0- 6.0	55.30	2.80	50.56	46.64	ClSi	17.55
12.0- 16.0	63.32	3.57	46.65	49.78	SiCl	21.53
20.0- 24.0	68.99	1.54	46.82	51.63	SiCl	21.04
30.0- 34.0	66.77	0.74	47.31	51.95	SiCl	19.99
60.0- 64.0	63.66	1.16	45.73	53.11	SiCl	18.59



Table 1-12: Trace metal concentrations - subsamples taken from gravity cores collected on April 3-4, 1989 (Cruise 20)

Depth (cm)	Cr ( $\mu\text{g/g}$ )	Cu ( $\mu\text{g/g}$ )	Fe (wt. %)	Mn ( $\mu\text{g/g}$ )	Ni ( $\mu\text{g/g}$ )	Zn ( $\mu\text{g/g}$ )
<u>Station BC-1</u>						
0- 4	115.2	25.6	3.04	661	42.3	97.4
4- 8	124.5	36.1	3.99	1541	55.0	179.1
12-16*	130.6	54.6	5.09	2405	89.4	538.6
20-24*	106.6	46.0	4.84	2169	73.6	325.4
32-36	89.6	19.7	4.15	1387	44.6	116.0
50-54	96.1	15.4	4.50	1270	43.4	110.9
<u>Station BC-2</u>						
0- 4	112.5	37.0	4.45	2276	70.3	301.6
4- 8	115.5	51.4	4.87	2319	82.1	339.2
10-14	113.6	62.8	5.02	3168	123.6	573.2
30-34	90.6	39.3	4.71	2320	67.8	177.2
50-54	91.6	26.6	4.94	1727	58.8	139.4
70-74	93.1	16.0	4.56	1267	41.0	108.4
<u>Station BC-3</u>						
0- 4*	83.6	27.1	3.23	1050	44.0	169.0
6-10*	89.6	24.6	3.08	656	36.6	116.3
16-20	77.6	20.2	2.34	311	58.4	100.8
26-30	113.6	41.2	4.54	3353	65.0	303.4
32-36	123.6	45.0	4.99	2092	78.4	374.5
42-46	107.1	61.4	4.74	2337	43.8	391.1
56-60	96.6	30.8	4.78	1866	43.8	151.2
66-70	93.1	19.3	4.36	1172	37.2	104.5
<u>Station BC-4</u>						
0- 4	108.5	52.4	4.59	2820	76.0	392.8
6- 8	97.0	52.6	4.78	4390	65.3	306.5
12-16	92.6	28.6	4.57	2000	42.4	156.3
24-28*	95.8	22.3	4.54	1837	36.2	117.4
44-48	87.6	22.3	4.54	1912	46.2	116.1
58-62	85.1	16.5	3.90	1173	34.0	104.6
70-74	87.6	13.8	4.35	2075	37.6	106.2
<u>Station BC-5</u>						
1- 5	98.1	40.3	4.39	4035	67.6	290.4
5- 9	101.1	37.8	4.37	3736	64.5	297.5
18-22	97.1	64.2	4.48	1847	84.4	365.4
40-44	92.0	24.0	4.64	1488	42.9	133.4
60-64	89.6	19.3	4.47	1100	40.6	105.2
80-84	88.6	20.4	4.98	1315	35.8	108.8

Table 1-12 (con't): Trace metal concentrations - subsamples taken from gravity cores collected on April 3-4, 1989 (Cruise 20)

Depth (cm)	Cr ( $\mu\text{g/g}$ )	Cu ( $\mu\text{g/g}$ )	Fe (wt. %)	Mn ( $\mu\text{g/g}$ )	Ni ( $\mu\text{g/g}$ )	Zn ( $\mu\text{g/g}$ )
<b>Station BC-6</b>						
1- 5	123.8	51.3	4.78	1286	65.8	363.7
6-10	83.6	26.5	4.50	1135	31.2	151.8
14-18	69.6	12.7	2.98	331	41.2	107.9
24-28	87.0	28.9	4.72	1413	37.5	133.4
40-44	93.1	28.9	4.62	1830	37.6	108.2
60-64	87.6	18.9	4.35	1574	35.5	108.2
80-84	89.1	17.7	4.69	1816	31.6	113.6
100-104	91.6	16.7	4.49	1672	33.0	111.5
<b>Station BC-7</b>						
2- 6	143.0	61.0	4.00	964	46.3	318.6
12-16	183.1	76.5	4.25	871	48.2	423.0
20-24*	189.3	73.4	4.23	1124	67.8	475.8
30-34	171.6	63.3	4.38	1123	79.4	518.2
40-44	172.6	66.2	4.37	896	79.4	538.2
60-64	217.1	65.4	3.98	870	32.4	587.2

\* duplicate lab samples averaged

Table 1-13: Enrichment factors - subsamples taken from gravity cores collected on April 3-4, 1989 (Cruise 20)

Depth (cm)	Cr	Cu	Mn	Ni	Zn
<u>Station BC-1</u>					
0-4	1.99	0.89	1.21	0.97	1.59
4-8	1.64	0.95	2.15	0.96	2.23
12-16*	1.34	1.13	2.62	1.22	5.25
20-24*	1.16	1.00	2.49	1.06	3.34
32-36	1.13	0.50	1.86	0.75	1.39
50-54	1.12	0.36	1.57	0.67	1.22
<u>Station BC-2</u>					
0-2	1.33	0.88	2.84	1.10	3.37
4-8	1.24	1.11	2.64	1.17	3.46
10-14	1.19	1.32	3.50	1.71	5.67
30-34	1.01	0.88	2.73	1.00	1.87
50-54	0.97	0.57	1.94	0.83	1.40
70-74	1.07	0.37	1.54	0.62	1.18
<u>Station BC-3</u>					
0-4*	1.36	0.88	1.81	0.95	2.60
6-10*	1.53	0.84	1.18	0.82	1.88
16-20	1.74	0.91	0.74	1.74	2.14
26-30	1.31	0.96	4.11	0.99	3.32
32-36	1.30	0.95	2.33	1.09	3.73
42-46	1.19	1.36	2.74	0.64	4.10
56-60	1.06	0.68	2.17	0.64	1.57
66-70	1.12	0.47	1.49	0.59	1.19
<u>Station BC-4</u>					
0-4	1.24	1.20	3.41	1.15	4.25
6-8	1.06	1.16	5.10	0.95	3.18
12-16*	1.06	0.66	2.43	0.64	1.70
24-28*	1.11	0.52	2.26	0.56	1.28
44-48	1.01	0.52	2.34	0.71	1.27
58-62	1.14	0.44	1.67	0.61	1.33
70-74	1.06	0.33	2.65	0.60	1.21
<u>Station BC-5</u>					
1-5	1.17	0.97	5.10	1.07	3.29
5-9	1.21	0.91	4.75	1.02	3.39
18-22	1.14	1.51	2.29	1.31	4.05
40-44	1.04	0.54	1.78	0.64	1.43
60-64	1.05	0.45	1.37	0.63	1.17
80-84	0.93	0.43	1.47	0.50	1.09

Table 1-13 (con't): Enrichment factors - subsamples taken from gravity cores collected on April 3-4, 1989 (Cruise 20)

Depth (cm)	Cr	Cu	Mn	Ni	Zn
<b>Station BC-6</b>					
1- 5	1.36	1.13	1.50	0.96	3.78
6-10	0.97	0.62	1.40	0.48	1.68
14-18	1.22	0.45	0.62	0.96	1.80
24-28	0.97	0.64	1.66	0.55	1.41
40-44	1.06	0.66	2.20	0.56	1.16
60-64	1.06	0.46	2.01	0.57	1.24
80-84	1.00	0.40	2.15	0.47	1.20
100-104	1.07	0.39	2.07	0.51	1.23
<b>Station BC-7</b>					
2- 7	1.88	1.61	1.34	0.80	3.96
12-16	2.26	1.90	1.14	0.79	4.94
20-24*	2.35	1.83	1.48	1.11	5.59
30-34	2.05	1.52	1.42	1.26	5.88
40-44	2.07	1.60	1.14	1.26	6.12
60-64	2.86	1.73	1.21	0.57	7.33

\* duplicate lab samples averaged

Table 2-1: Azimuths for profile lines and angles between the established baseline and the profile stations

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Station	Azimuth (degrees)	Angle (deg, min)
22+00	328	5 11
24+00	325	4 44
28+00	325	8 52
30+00	320	97 26
32+00	330	181 41
36+00	340	191 28
40+00	340	194 36
44+00	340	195 58
48+00	344	196 43
49+00	344	196 51

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Table 2-2: Distance and elevation data for Hart-Miller Island beach profiles, June 7 & 10, 1988

Date surveyed	Profile	Stadia station	Distance* (ft)	Elevation** (ft)
6/7/88	21+75	CL	-	17.84
		1	48	14.39
		2	100	10.53
		3	148	7.95
		4	196	6.31
		5	248	3.37
		6	296	1.91
		7	344	-0.92
		8	392	-1.13
		9	442	-1.26
		10	492	-1.39
		11	540	-1.53
		12	592	-1.69
	24+00	CL	-	17.72
		1	50	13.88
		2	100	10.73
		3	150	7.86
		4	200	4.94
		5	250	2.32
		6	260	1.71
	28+00	CL	-	17.82
		1	50	13.48
		2	100	10.60
		3	150	7.10
		4	200	2.29
		5	211	1.55
	30+00	CL	-	17.85
		1	50	14.91
		2	100	11.09
		3	150	5.74
		4	180	1.56
		5	238	-0.60
		6	290	-0.91
		7	340	-1.05
		8	390	-1.24
		9	440	-1.31
	10	492	-1.47	

Table 2-2 (con't): Distance and elevation data for Hart-Miller Island beach profiles, June 7 & 10, 1988

Date surveyed	Profile	Stadia station	Distance* (ft)	Elevation** (ft)
6/10/88	32+00	CL	-	17.81
		1	50	15.03
		2	100	12.07
		3	150	7.30
		4	156	6.41
		5	190	1.02
	6	270	-0.90	
	36+00	CL	-	17.67
		1	52	13.98
		2	100	11.74
		3	150	8.58
		4	184	5.30
		5	196	3.15
		6	200	2.94
		7	222	0.84
	8	312	-1.02	
	40+00	CL	-	17.68
		1	50	14.80
		2	100	11.65
		3	150	8.88
		4	190	5.39
		5	198	4.00
		6	200	3.61
		7	200	3.23
		8	222	0.80
		9	274	-0.84
		10	324	-0.98
		11	374	-0.99
		12	422	-1.17
		13	474	-1.35
	14	522	-1.52	
	44+00	CL	-	17.84
		1	50	14.61
		2	100	11.43
		3	148	6.75
		4	166	4.29
		5	168	3.14
		6	192	0.81
	7	274	-0.84	

Table 2-2 (con't): Distance and elevation data for Hart-Miller Island beach profiles, June 7 & 10, 1988

Date surveyed	Profile	Stadia station	Distance* (ft)	Elevation** (ft)
6/10/88	48+00	CL	-	17.85
		1	50	16.50
		2	100	10.41
		3	140	4.30
		4	142	2.85
		5	150	1.63
		6	158	0.73
	7	242	-0.77	
	49+00	CL	-	17.99
		1	50	15.85
		2	98	11.28
		3	148	6.14
		4	176	3.91
		5	176	3.32
		6	180	0.78
		7	232	-0.83
		8	282	-0.96
		9	332	-1.19
		10	382	-1.31
		11	432	-1.48
	12	482	-1.59	

\* from center line (CL) of dike roadway  
 \*\* mean low water (MLW) datum



Table 2-3: Distance and elevation data for Hart-Miller Island beach profiles, September 14-15, 1988

Date surveyed	Profile	Stadia station	Distance* (ft)	Elevation** (ft)	
9/14/88	21+75	CL	-	17.87	
		1	50	15.04	
		2	68	16.83	
		3	100	16.21	
		4	118	15.89	
		5	132	12.37	
		6	142	9.17	
		7	150	9.62	
		8	154	10.68	
		9	168	6.87	
		10	200	5.41	
		11	232	4.22	
		12	234	4.04	
		13	248	3.46	
		14	300	1.29	
		15	310	-0.13	
		16	366	-1.03	
		24+00	CL	-	17.77
			1	46	13.64
			2	52	15.71
			3	56	15.73
			4	66	12.97
			5	100	10.96
			6	142	7.64
			7	148	9.40
			8	152	10.60
			9	156	10.29
			10	164	7.58
			11	200	5.13
			12	212	4.76
			13	218	4.21
			14	248	2.54
			15	276	-0.05
			16	388	-0.97
		28+00	CL	-	17.78
			1	44	13.33
			2	50	15.03
			3	58	15.07
			4	66	12.77
			5	100	10.79

Table 2-3 (con't): Distance and elevation data for Hart-Miller Island beach profiles, September 14-15, 1988

Date surveyed	Profile	Stadia station	Distance* (ft)	Elevation** (ft)	
9/14/88	28+00	6	120	7.73	
		7	134	11.17	
		8	138	11.17	
		9	148	7.15	
		10	164	6.06	
		11	170	5.25	
		12	200	2.63	
		13	226	0.08	
		14	308	-0.87	
		30+00	CL	-	17.81
			1	50	14.62
			2	54	16.19
			3	60	16.11
			4	70	13.73
	5		98	9.99	
	6		110	12.58	
	7		114	12.35	
	8		124	8.24	
	9		142	6.82	
	10		150	5.87	
	11		204	0.35	
	12	300	-1.00		
	32+00	CL	-	17.68	
		1	52	14.55	
		2	58	16.06	
		3	64	16.22	
		4	74	13.27	
		5	100	10.71	
		6	104	10.87	
		7	110	13.65	
		8	116	13.68	
		9	124	10.24	
		10	142	8.24	
		11	146	7.76	
		12	150	7.32	
		13	204	-0.36	
	14	320	-1.11		
	36+00	CL	-	17.65	
		1	32	15.93	

Table 2-3 (con't): Distance and elevation data for Hart-Miller Island beach profiles, September 14-15, 1988

Date surveyed	Profile	Stadia station	Distance* (ft)	Elevation** (ft)	
9/14/88	36+00	2	36	18.01	
		3	40	17.76	
		4	50	14.09	
		5	100	10.50	
		6	106	11.15	
		7	112	13.66	
		8	118	13.59	
		9	126	10.15	
		10	148	8.71	
		11	170	7.28	
		12	174	6.64	
		13	200	3.03	
		14	246	-0.59	
		15	386	-1.07	
		9/15/88	40+00	CL	-
1	48			14.50	
2	58			16.68	
3	64			16.80	
4	78			12.02	
5	100			11.27	
6	134			8.62	
7	144			11.65	
8	148			11.57	
9	160			7.64	
10	178			7.06	
11	178			6.46	
12	198			4.47	
13	204			2.70	
14	222			0.55	
15	268		-0.69		
	44+00		CL	-	17.95
			1	32	16.35
			2	50	14.17
			3	58	16.80
		4	64	16.80	
		5	100	9.55	
		6	110	8.79	
		7	120	11.77	
		8	124	11.90	
		9	146	7.29	

Table 2-3 (con't): Distance and elevation data for Hart-Miller Island beach profiles, September 14-15, 1988

Date surveyed	Profile	Stadia station	Distance* (ft)	Elevation** (ft)
9/15/88	44+00	10	148	6.92
		11	168	3.90
		12	170	1.10
		13	190	0.65
		14	236	-0.58
	48+00	CL	-	17.89
		1	42	15.57
		2	50	17.83
		3	56	17.73
		4	82	11.15
		5	94	14.25
		6	100	13.88
		7	112	8.88
		8	122	8.05
		9	124	7.43
		10	140	4.46
		11	140	2.86
		12	158	0.46
	13	200	-0.61	
	49+00	CL	-	18.02
		1	40	15.84
		2	46	18.19
		3	52	18.25
		4	84	11.54
		5	92	14.28
		6	100	14.40
		7	120	9.48
		8	140	7.24
		9	146	6.79
		10	160	4.00
		11	164	2.63
		12	186	0.48
	13	230	-0.82	

\* from center line (CL) of dike roadway

\*\* mean low water (MLW) datum

Table 2-4: Distance and elevation data for Hart-Miller Island beach profiles, December 14-15, 1988

Date surveyed	Profile	Stadia station	Distance* (ft)	Elevation** (ft)
12/14/88	21+75	CL	-	17.80
		1	54	15.64
		2	68	16.73
		3	92	15.72
		4	112	17.09
		5	144	8.84
		6	154	10.63
		7	166	6.74
		8	234	4.17
		9	256	3.07
		10	304	0.59
	11	386	-1.14	
	24+00	CL	-	17.77
		1	46	13.15
		2	52	15.26
		3	60	15.24
		4	66	13.54
		5	142	7.62
		6	154	10.63
		7	158	10.46
		8	170	7.29
		9	214	4.06
		10	234	2.96
		11	268	0.56
	12	344	-0.81	
	28+00	CL	-	17.73
		1	46	13.40
		2	50	15.06
		3	56	15.18
		4	64	13.16
		5	100	10.76
		6	124	8.01
		7	134	11.20
		8	138	11.18
		9	148	7.16
		10	168	5.15
		11	188	3.55
		12	222	0.37
	13	294	-0.68	

Table 2-4 (con't): Distance and elevation data for Hart-Miller Island beach profiles, December 14-15, 1988

Date surveyed	Profile	Stadia station	Distance* (ft)	Elevation** (ft)
12/14/88	30+00	CL	-	17.73
		1	48	14.49
		2	54	16.30
		3	60	16.36
		4	102	10.29
		5	110	12.59
		6	114	12.36
		7	124	8.16
		8	148	5.98
		9	170	3.61
		10	200	0.49
	11	268	-0.77	
	32+00	CL	-	17.68
		1	52	14.55
		2	56	16.11
		3	64	16.30
		4	98	10.84
		5	110	13.69
		6	114	13.70
		7	124	10.24
		8	144	7.83
		9	166	4.05
		10	194	0.52
	11	280	-0.81	
	36+00	CL	-	17.69
		1	32	16.02
		2	36	17.98
		3	40	17.73
		4	48	14.03
		5	104	10.76
		6	112	13.68
		7	118	13.65
		8	126	10.48
9		174	6.25	
10		194	3.68	
11	220	0.63		
12	300	-0.83		
12/15/88	40+00	CL	-	17.58
		1	50	14.51

Table 2-4 (con't): Distance and elevation data for Hart-Miller Island beach profiles, December 14-15, 1988

Date surveyed	Profile	Stadia station	Distance* (ft)	Elevation** (ft)	
12/15/88	40+00	2	58	16.70	
		3	64	16.86	
		4	76	12.14	
		5	136	8.66	
		6	144	11.61	
		7	148	11.63	
		8	156	8.04	
		9	166	7.34	
		10	178	6.30	
		11	200	2.68	
		12	206	1.94	
		13	246	-0.88	
			44+00	CL	-
		1		50	14.23
		2		60	16.83
		3		64	16.89
		4		112	9.04
		5		120	11.84
		6		124	11.97
		7		138	7.51
		8		146	6.86
		9		172	2.60
		10	222	-0.09	
		48+00	CL	-	17.89
			1	44	15.70
			2	50	17.83
			3	56	17.74
			4	86	11.19
			5	94	14.12
			6	100	14.00
			7	114	8.87
			8	124	7.05
			9	138	4.63
			10	138	3.30
			11	152	1.80
		12	196	-0.60	
		49+00	CL	-	17.95
			1	40	15.83
			2	46	18.19

Table 2-4 (con't): Distance and elevation data for Hart-Miller Island beach profiles, December 14-15, 1988

Date surveyed	Profile	Stadia station	Distance* (ft)	Elevation** (ft)
12/15/88	49+00	3	52	18.23
		4	86	11.55
		5	94	14.24
		6	100	14.49
		7	118	9.97
		8	148	6.56
		9	164	3.52
		10	168	2.54
		11	174	1.60
		12	228	-1.04

\* from center line (CL) of dike roadway  
 \*\* mean low water (MLW) datum



Table 2-5: Distance and elevation data for Hart-Miller Island beach profiles, May 17-18, 1989

Date surveyed	Profile	Stadia station	Distance* (ft)	Elevation** (ft)	
5/17/89	21+75	CL	-	17.70	
		1	50	15.39	
		2	68	16.99	
		3	100	17.20	
		4	118	16.46	
		5	132	12.47	
		6	140	9.20	
		7	150	9.33	
		8	152	10.73	
		9	156	10.80	
		10	166	7.03	
		11	198	5.59	
		12	232	4.50	
		13	248	3.64	
		14	278	2.58	
		15	288	1.94	
		16	296	1.96	
		17	314	-.50	
	18	374	-1.07		
		24+00	CL	-	17.64
			1	46	13.45
			2	52	15.27
			3	56	15.23
			4	66	11.47
			5	100	11.17
			6	142	7.67
			7	148	8.52
			8	152	10.13
			9	156	10.58
			10	164	8.65
			11	200	5.11
			12	212	4.52
			13	226	3.98
			14	244	2.84
			15	250	2.24
			16	258	2.26
			17	278	-.27
	18	344	-.84		
	28+00	CL	-	17.63	
		1	44	13.39	

Table 2-5 (cont.): Distance and elevation data for Hart-Miller Island beach profiles, May 17-18, 1989

Date surveyed	Profile	Stadia station	Distance* (ft)	Elevation** (ft)
5/17/89	28+00	2	50	15.04
		3	58	14.82
		4	66	13.02
		5	100	10.65
		6	120	7.93
		7	134	11.16
		8	140	11.11
		9	148	7.36
		10	162	6.02
		11	173	4.89
		12	200	2.76
		13	220	1.91
		14	228	-.23
		15	280	-1.49
		30+00	CL	-
	1		50	15.07
	2		54	16.22
	3		60	16.35
	4		70	13.58
	5		98	10.18
	6		110	12.56
	7		114	12.36
	8		124	8.34
	9		142	6.90
	10		146	5.91
	11		172	3.10
	12		184	2.23
	13		200	-.01
	14	260	-1.24	
	32+00	CL	-	17.54
		1	50	14.60
		2	58	16.16
		3	64	16.08
		4	76	13.29
		5	100	10.85
		6	104	11.26
		7	110	13.64
		8	116	13.46
		9	123	10.29
		10	142	8.58

Table 2-5 (cont.): Distance and elevation data for Hart-Miller Island beach profiles, May 17-18, 1989

Date surveyed	Profile	Stadia station	Distance* (ft)	Elevation** (ft)	
5/17/89	32+00	11	150	7.00	
		12	166	4.33	
		13	166	2.57	
		14	196	-0.06	
		15	244	-1.02	
5/18/89	36+00	CL	-	17.57	
		1	32	15.91	
		2	38	17.84	
		3	48	14.05	
		4	74	12.50	
		5	102	10.49	
		6	112	13.71	
		7	116	13.71	
		8	126	10.32	
		9	152	8.52	
		10	160	7.63	
		11	172	7.14	
		12	200	3.50	
		13	200	2.30	
		14	214	1.40	
	15	240	-0.52		
		40+00	CL	-	17.55
			1	46	14.47
			2	58	16.77
			3	62	16.96
			4	76	12.15
	5		98	11.40	
	6		132	8.93	
	7	144	11.38		
	8	148	11.58		
	9	162	7.62		
	10	178	6.87		
	11	200	4.04		
	12	200	2.26		
	13	218	1.06		
	14	240	-0.53		
	44+00	CL	-	17.77	
		1	32	16.30	
		2	48	14.23	

Table 2-5 (cont.): Distance and elevation data for Hart-Miller Island beach profiles, May 17-18, 1989

Date surveyed	Profile	Stadia station	Distance* (ft)	Elevation** (ft)	
5/18/89	44+00	3	60	16.84	
		4	64	16.82	
		5	106	8.92	
		6	120	11.85	
		7	124	12.05	
		8	146	7.11	
		9	168	3.70	
		10	168	2.54	
		11	186	.95	
		12	220	-.58	
		48+00	CL	-	17.78
			1	42	15.63
	2		52	17.79	
	3		56	17.70	
	4		76	11.86	
	5		86	11.29	
	6		94	14.21	
	7		98	13.96	
	8		112	8.85	
	9		124	7.24	
	10		140	4.50	
	11		140	3.19	
	12		160	.88	
	49+00	CL	-	17.91	
		1	38	15.81	
		2	46	18.22	
		3	50	18.32	
		4	70	13.03	
		5	84	11.57	
		6	92	14.35	
		7	98	14.57	
		8	112	10.17	
		9	130	8.31	
		10	144	6.76	
		11	166	4.05	
		12	166	2.68	

Table 2-5 (cont.): Distance and elevation data for Hart-Miller Island beach profiles, May 17-18, 1989

Date surveyed	Profile	Stadia station	Distance* (ft)	Elevation** (ft)
5/18/89	49+00	13	180	.92
		14	208	-.49

\* from center line (CL) of dike roadway  
 \*\* mean low water (MLW) datum

Table 2-6: Distance and elevation data for Hart-Miller Island extended beach profiles, September 13-14, 1989

Date surveyed	Profile	Stadia station	Distance* (ft)	Elevation** (ft)
9/13/89	21+75	CL	-	17.70
		1	228	4.80
		2	240	4.19
		3	254	3.32
		4	272	2.47
		5	290	3.02
		6	298	2.70
		7	312	0.93
		8	326	-0.66
		9	366	-1.03
		10	414	-1.42
		11	466	-1.30
		12	512	-1.49
		13	564	-1.61
14	614	-1.71		
	30+00	CL	-	17.66
		1	148	6.37
		2	150	5.61
		3	166	3.86
		4	174	2.72
		5	180	2.84
		6	190	1.26
		7	194	1.11
		8	206	-0.53
		9	236	-0.92
		10	286	-0.90
		11	338	-0.99
		12	386	-1.17
		13	436	-1.27
14	486	-1.42		
9/14/89	40+00	CL	-	17.53
		1	180	6.59
		2	182	6.37
		3	198	4.62
		4	198	3.11
		5	208	1.33
		6	214	0.73
		7	242	-0.74
		8	262	-0.81
9	312	-0.94		

Table 2-6 (cont.): Distance and elevation data for Hart-Miller Island extended beach profiles, September 13-14, 1989

Date surveyed	Profile	Stadia station	Distance* (ft)	Elevation** (ft)
9/14/89	40+00	10	362	-1.01
		11	414	-1.16
		12	462	-1.24
		13	514	-1.40
	49+00	CL	-	17.92
		1	144	6.90
		2	148	6.40
		3	164	3.97
		4	164	2.41
		5	174	0.98
		6	180	0.68
		7	212	-0.86
		8	226	-1.01
9	272	-1.05		
	10	324	-1.24	
	11	370	-1.38	
	12	420	-1.52	
	13	462	-1.60	

\* from center line (CL) of dike roadway  
 \*\* mean low water (MLW) datum

APPENDIX A


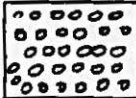
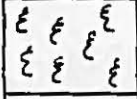
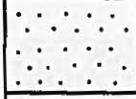
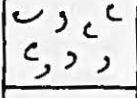

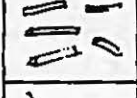

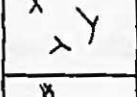
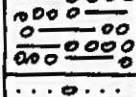
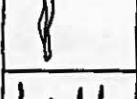

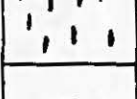
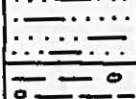
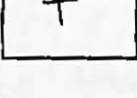
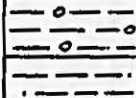
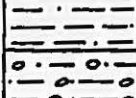
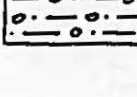
Visual and radiographic observations of gravity cores  
collected on April 3-4, 1989 (Cruise 20).



APPENDIX A

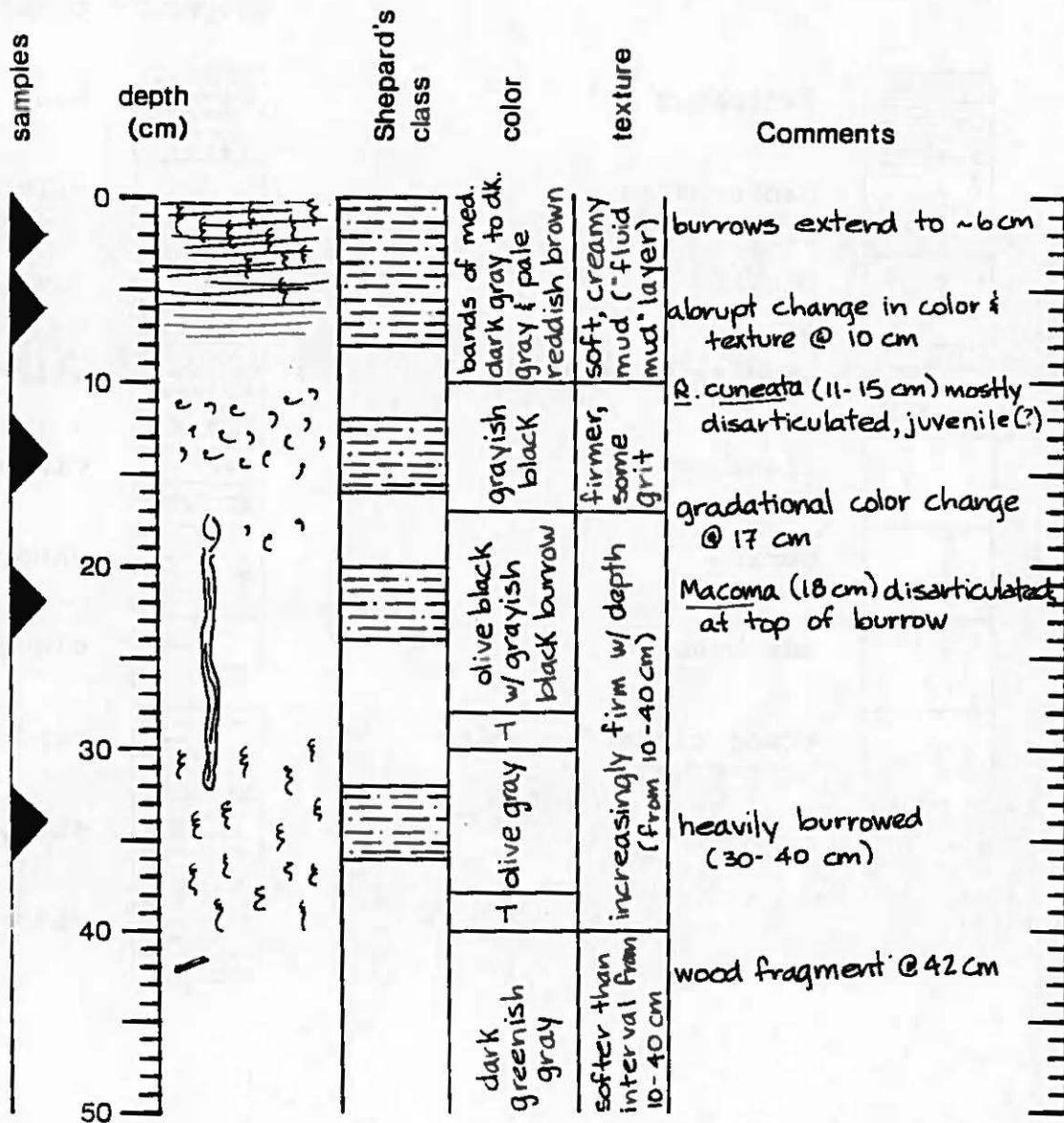
Visual and radiographic observations of gravity cores collected on April 3-4, 1989 (Cruise 20).

Legend

		Shepard's class
	laminated	 sand
	bioturbated	 silt
	shells	 clay
	wood fragments	 silty sand
	plant matter	 clayey sand
	burrow	 sandy silt
	gas bubbles	 clayey silt
	transitional in color or texture	 sandy clay
		 silty clay
		 sand-silt-clay

HART - MILLER ISLAND  
8th year monitoring

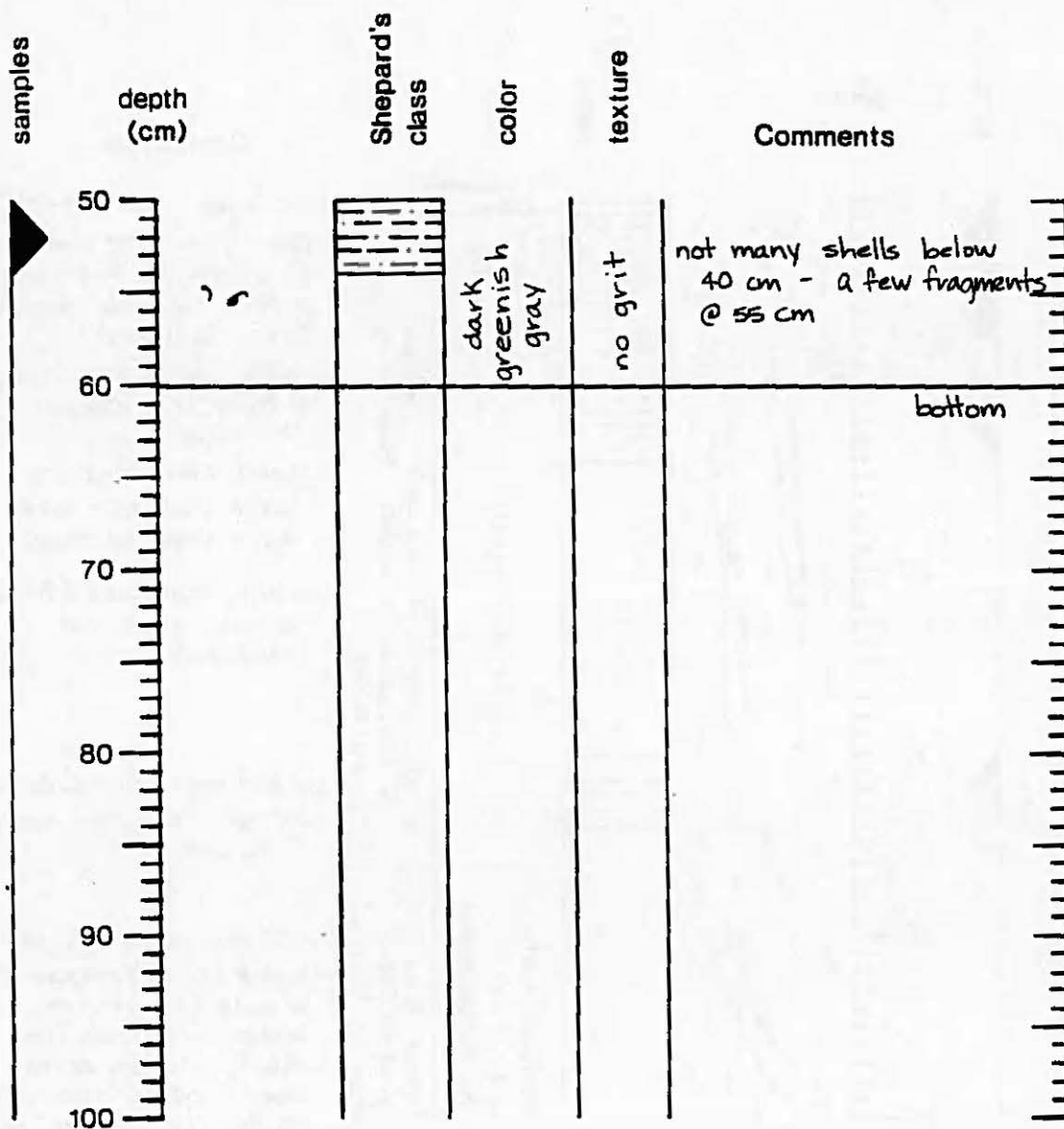
Station BC-1  
April 1989



Comments no odor; no gas bubbles; color-banded

HART - MILLER ISLAND  
8th year monitoring

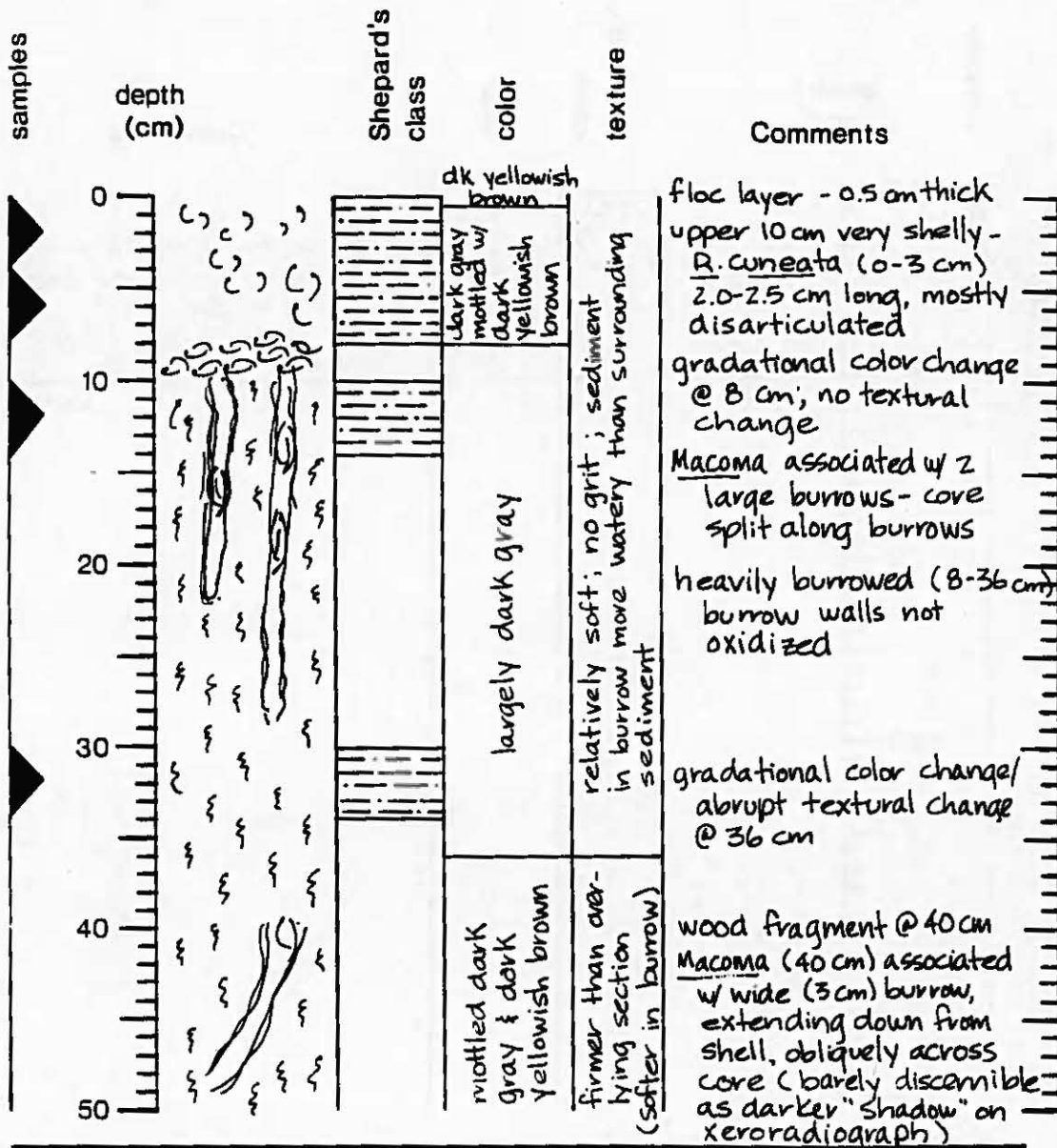
Station BC-1  
April 1989



Comments

HART-MILLER ISLAND  
8th year monitoring

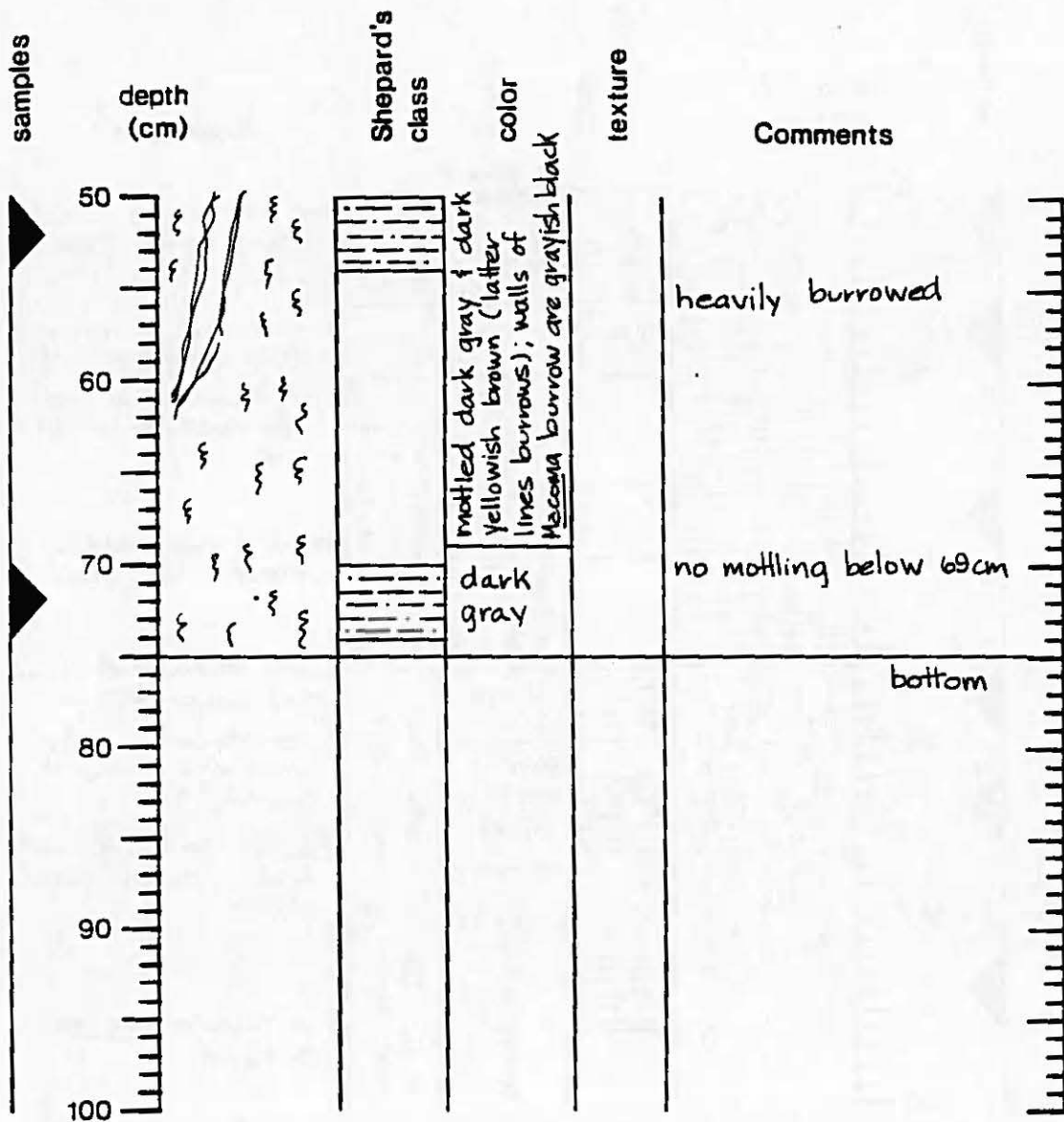
Station BC-2  
April 1989



Comments entire core muddy; overall texture neither very soft nor very firm; no odor; no gas bubbles evident in upper 50 cm

HART - MILLER ISLAND  
8th year monitoring

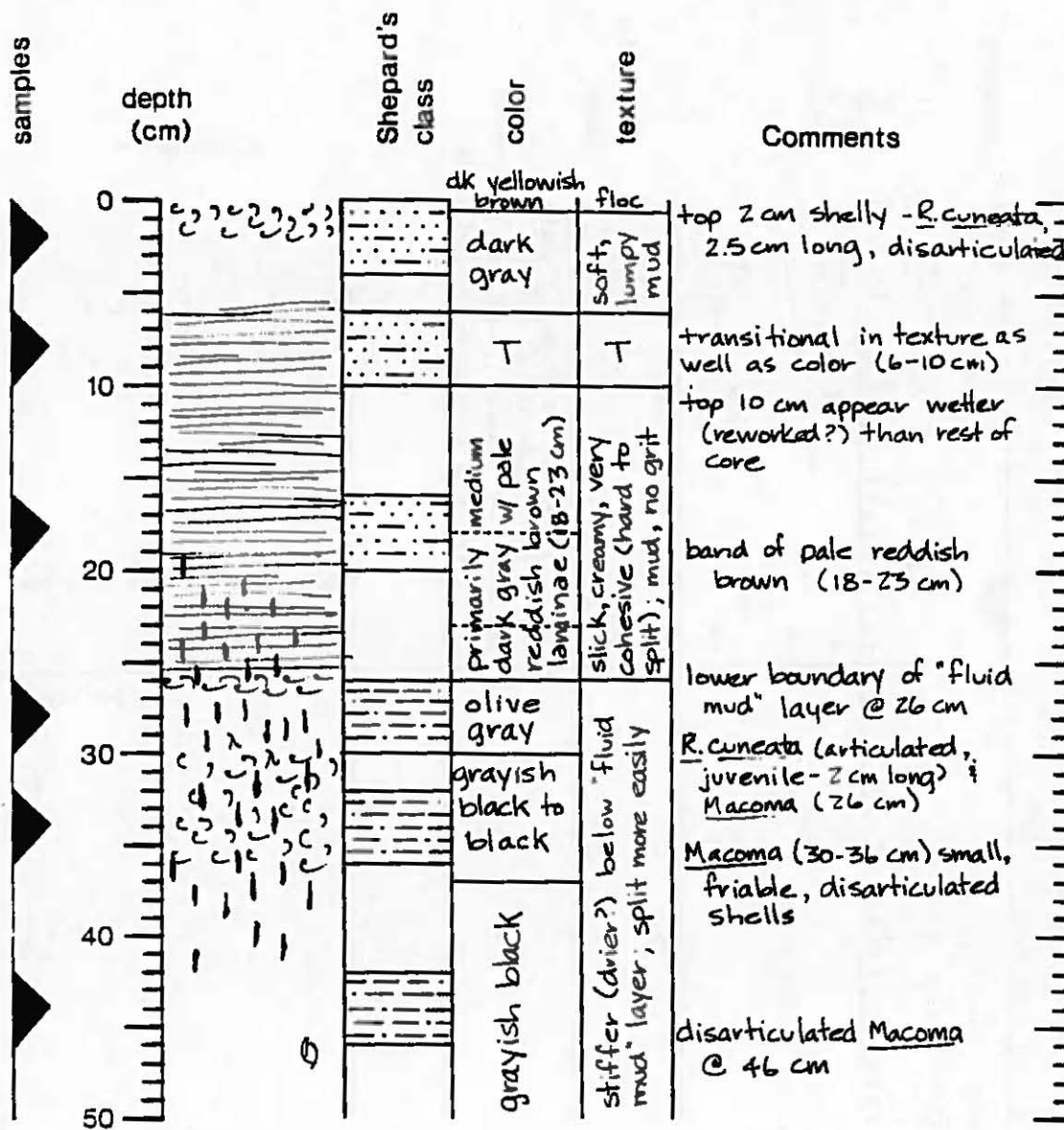
Station BC-2  
April 1989



Comments

HART - MILLER ISLAND  
8th year monitoring

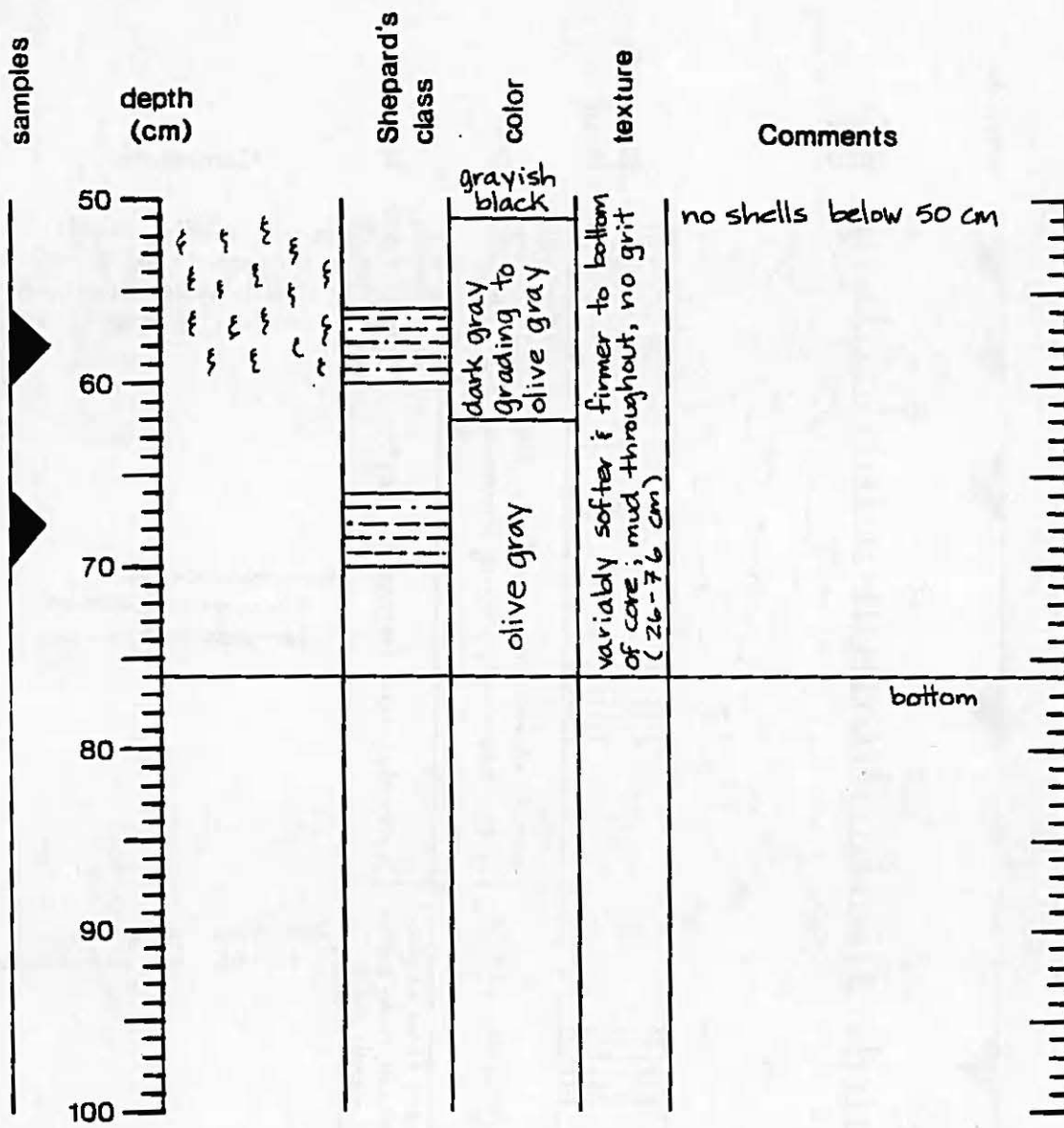
Station BC-3  
April 1989



Comments no odor

HART - MILLER ISLAND  
8th year monitoring

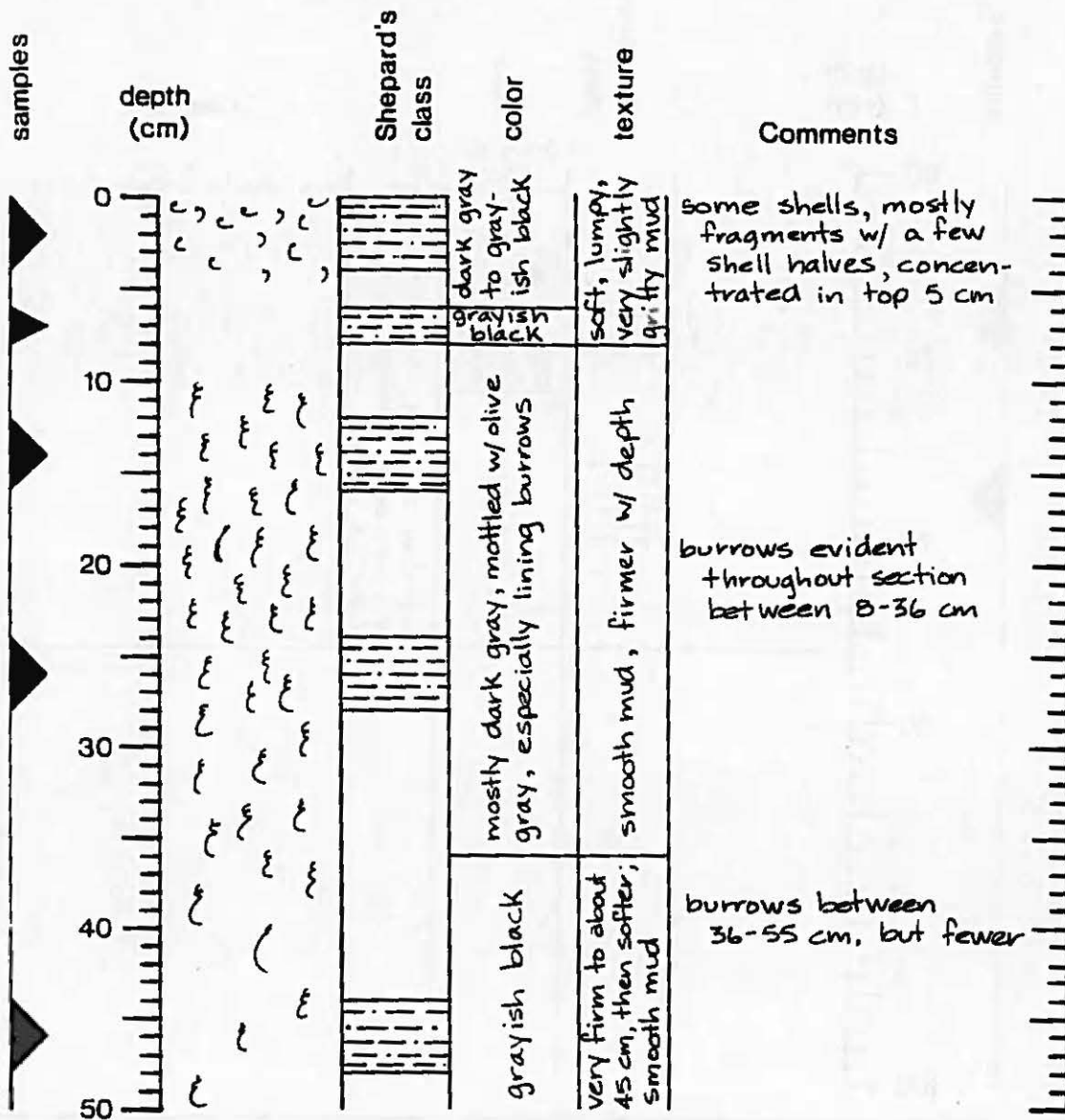
Station BC-3  
April 1989



Comments

HART - MILLER ISLAND  
8th year monitoring

Station BC-4  
April 1989

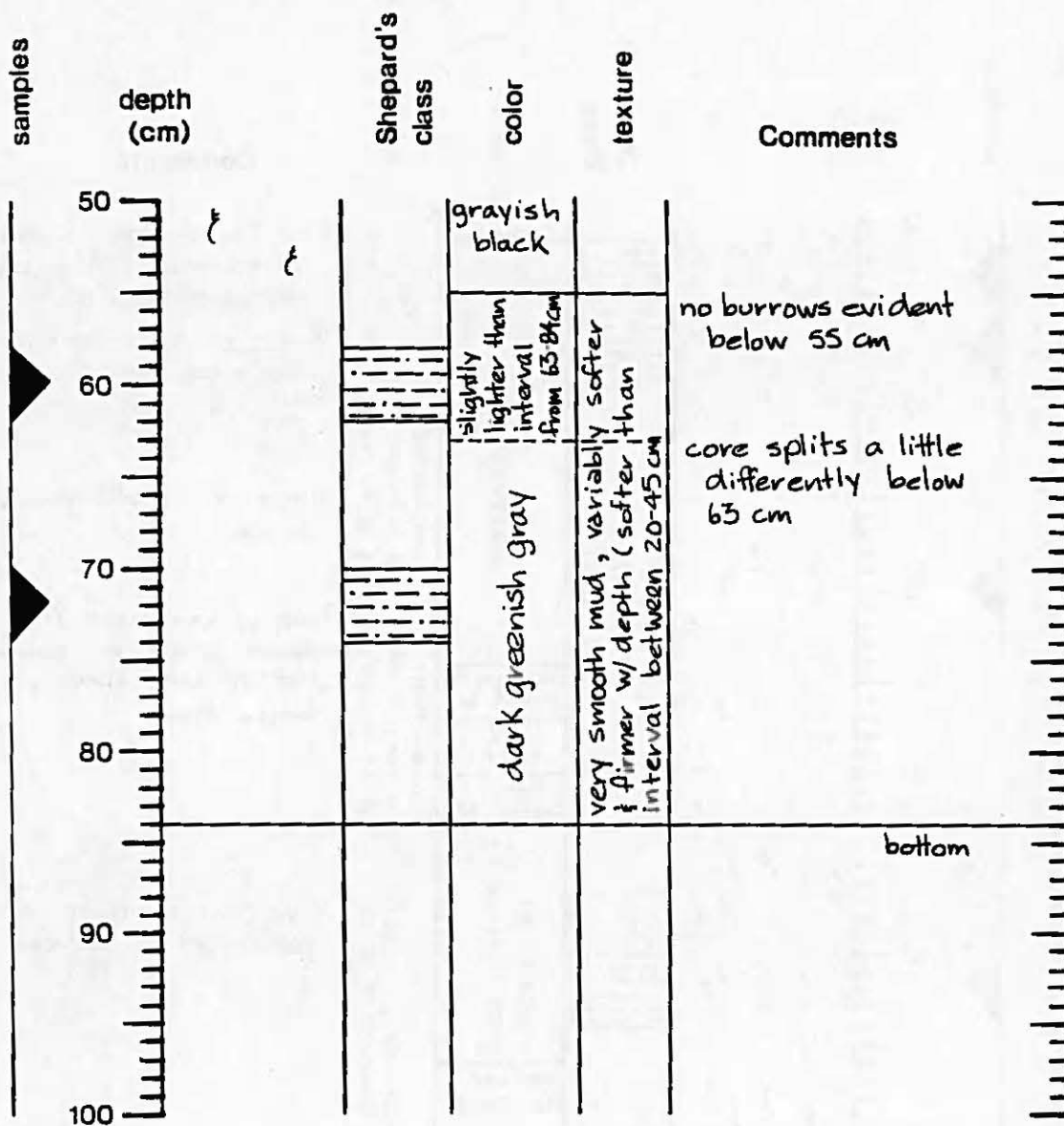


Comments no floc layer; no odor



HART - MILLER ISLAND  
8th year monitoring

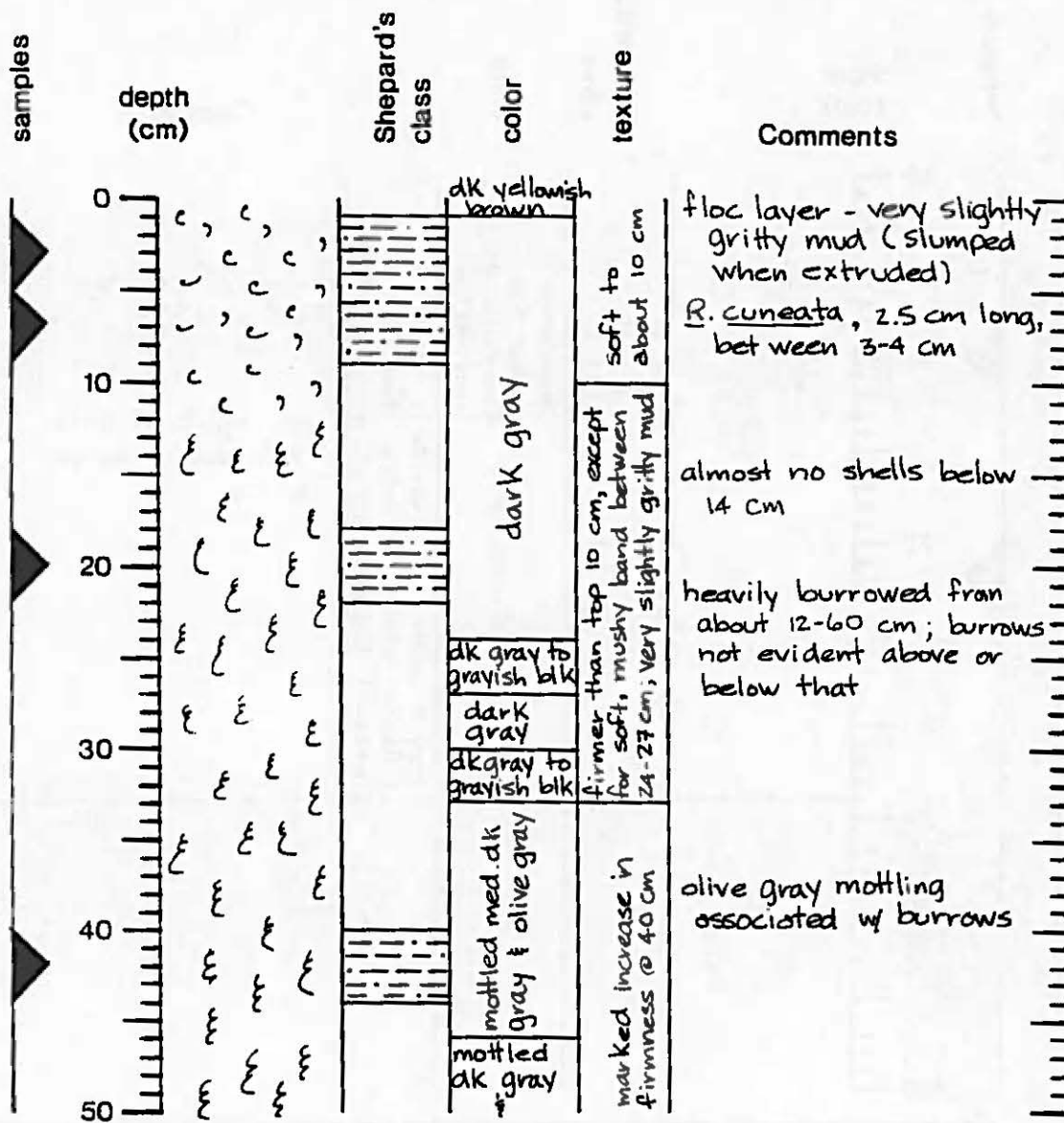
Station BC-4  
April 1989



Comments

HART-MILLER ISLAND  
8th year monitoring

Station BC-5  
April 1989



Comments mud throughout; no gas bubbles

HART-MILLER ISLAND  
8th year monitoring

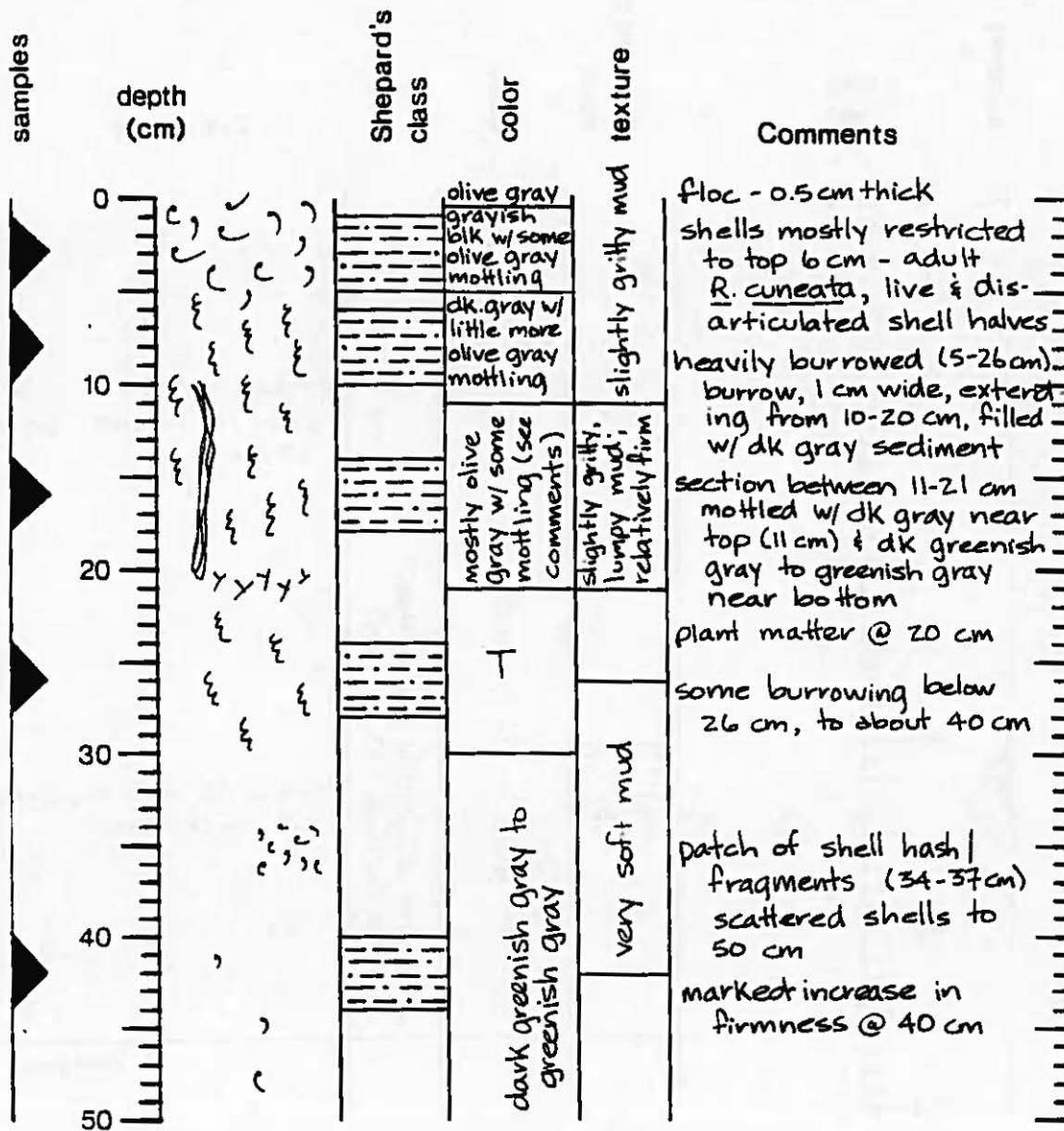
Station BC-5  
April 1989

samples	depth (cm)	Shepard's class	color	texture	Comments
	50		olive gray		
	60		mottled med. dk. gray & olive gray		
	65		T		gradational - similar in color to interval below 65 cm
	70		greenish gray to dk. greenish gray		
	80			creamy mud; a little softer than mottled section (33-65 cm)	
	83				twig @ 83 cm - 5 cm long, 1-2 mm diameter
	90				
	100				bottom

Comments

HART-MILLER ISLAND  
8th year monitoring

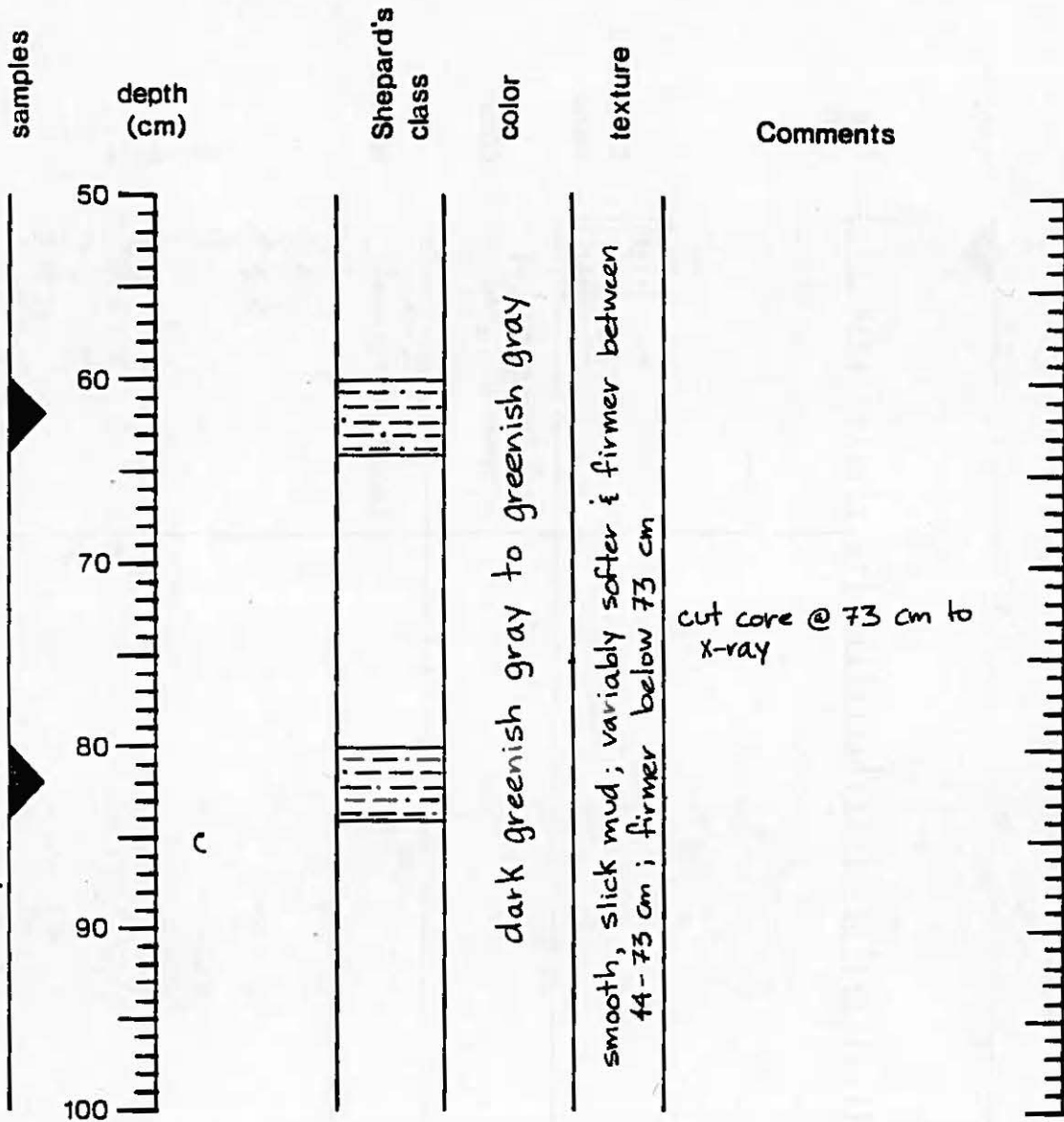
Station BC-6  
April 1989



Comments no odor ; mud throughout ; top dried out

HART - MILLER ISLAND  
8th year monitoring

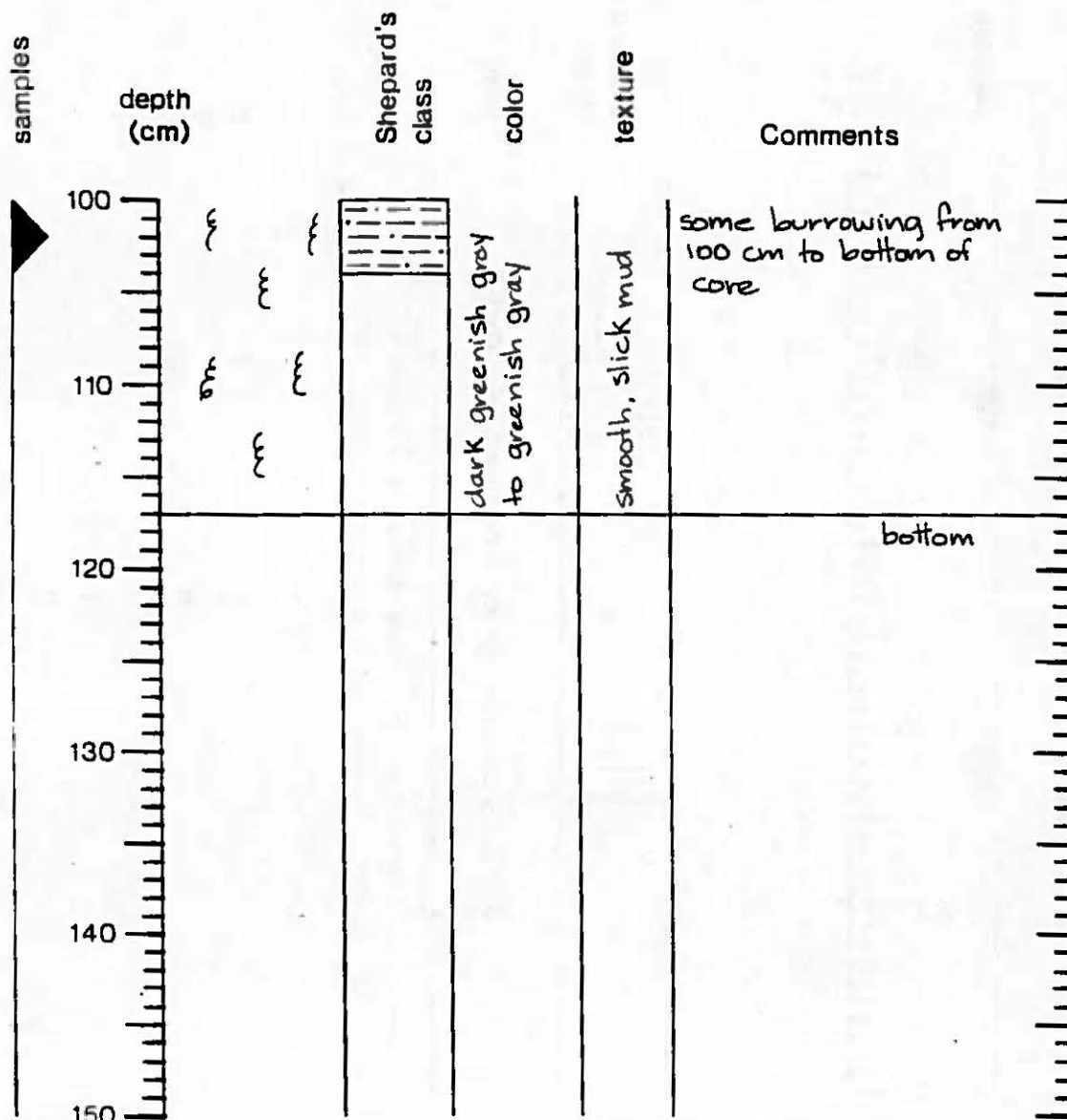
Station BC-6  
April 1989



Comments

HART - MILLER ISLAND  
8th year monitoring

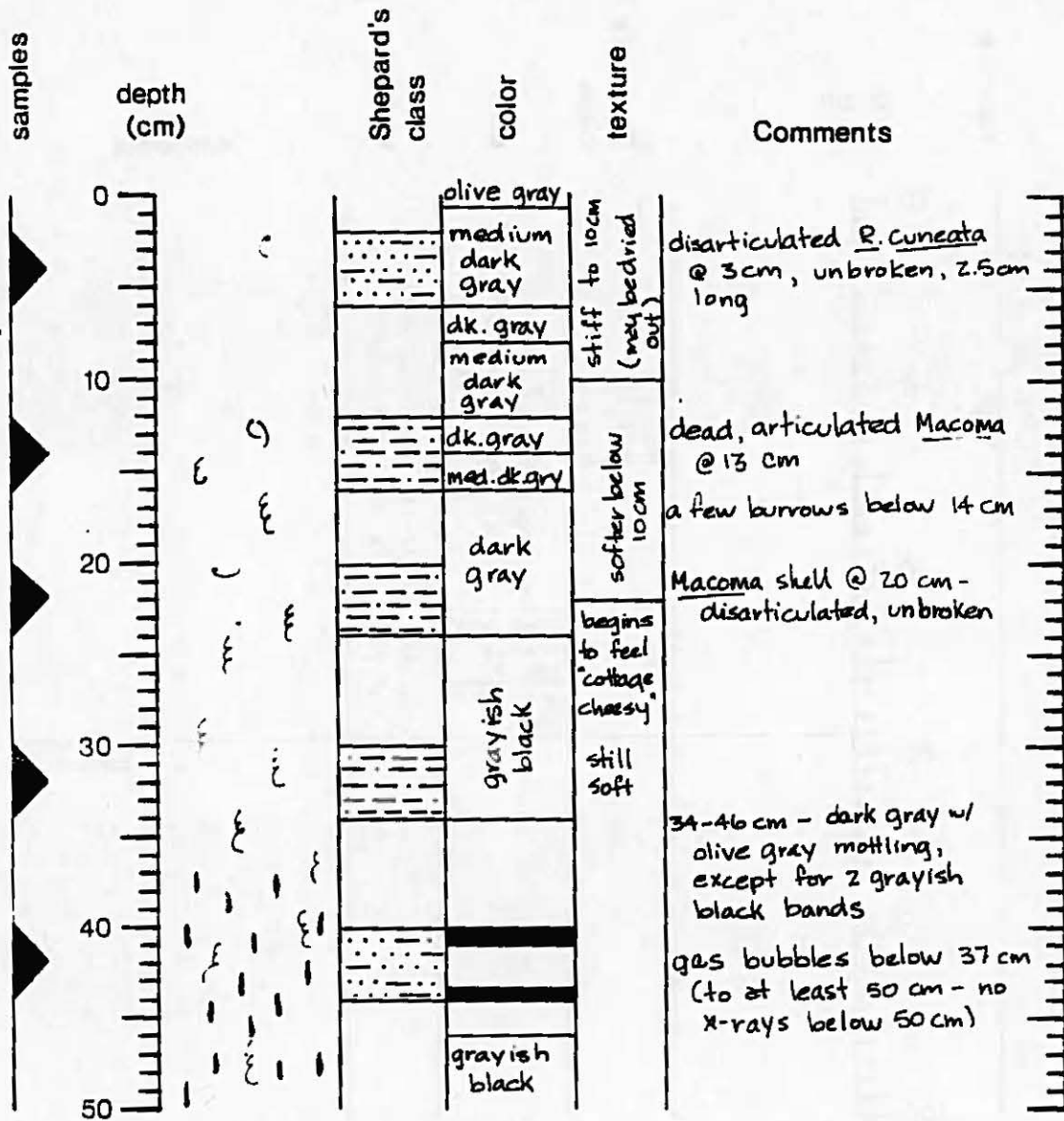
Station BC-6  
April 1989



Comments

HART - MILLER ISLAND  
8th year monitoring

Station BC-7  
April 1989



Comments mud throughout; color banding, but changes are subtle, gradational; top 0.5 cm & outside length of core oxidized to 24 cm (olive gray); very few shells - scattered throughout upper part of core

HART - MILLER ISLAND  
8th year monitoring

Station BC-7  
April 1989

samples	depth (cm)	Shepard's class	color	texture	Comments
	50		grayish black		
	60		olive gray to olive black		
	70		grayish black		
	80		olive gray to olive black		
	80		grayish black		
	90				
	100				

variably softer & firmer w/ depth, but relatively soft throughout

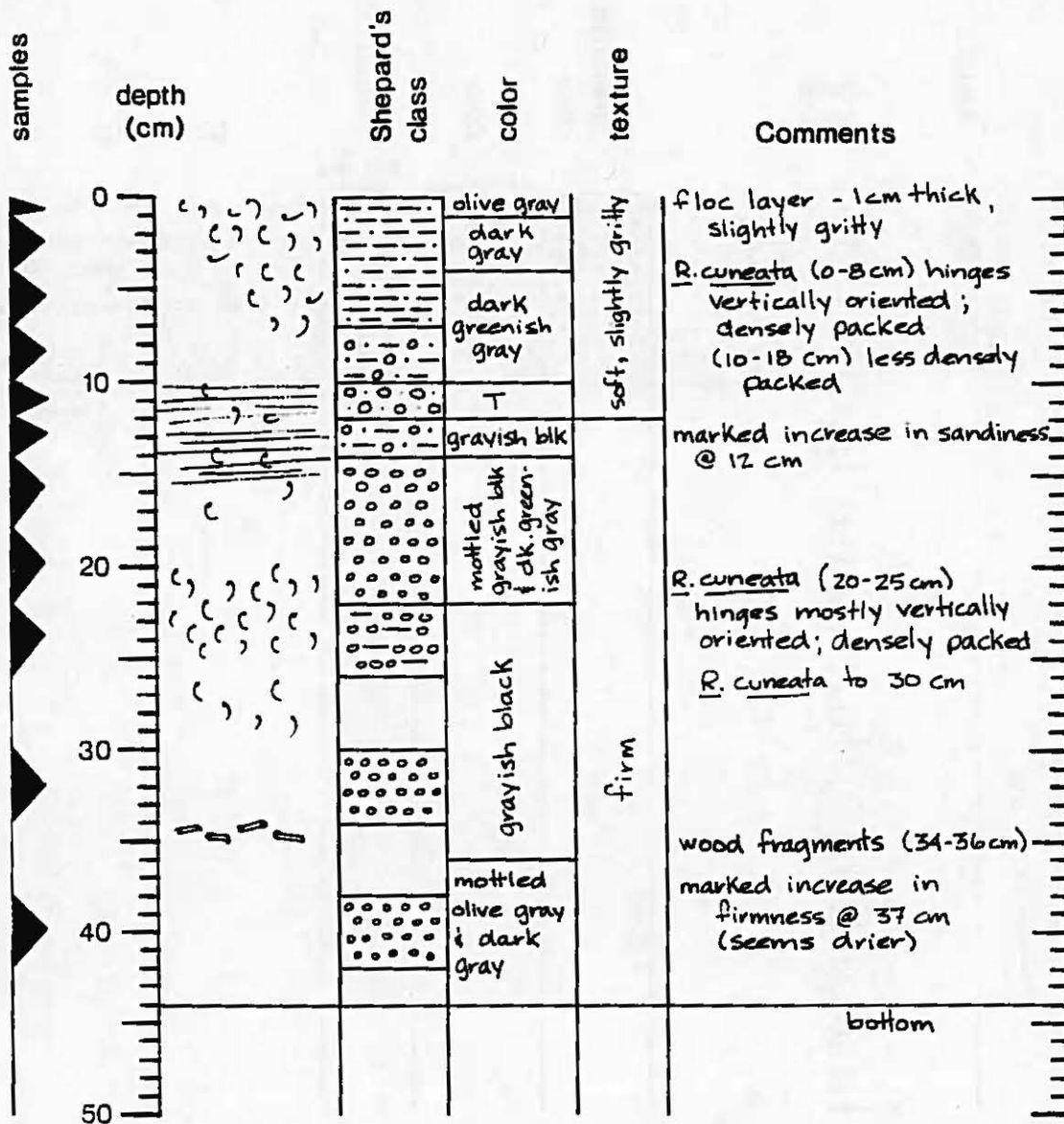
bottom

Comments



HART - MILLER ISLAND  
8th year monitoring

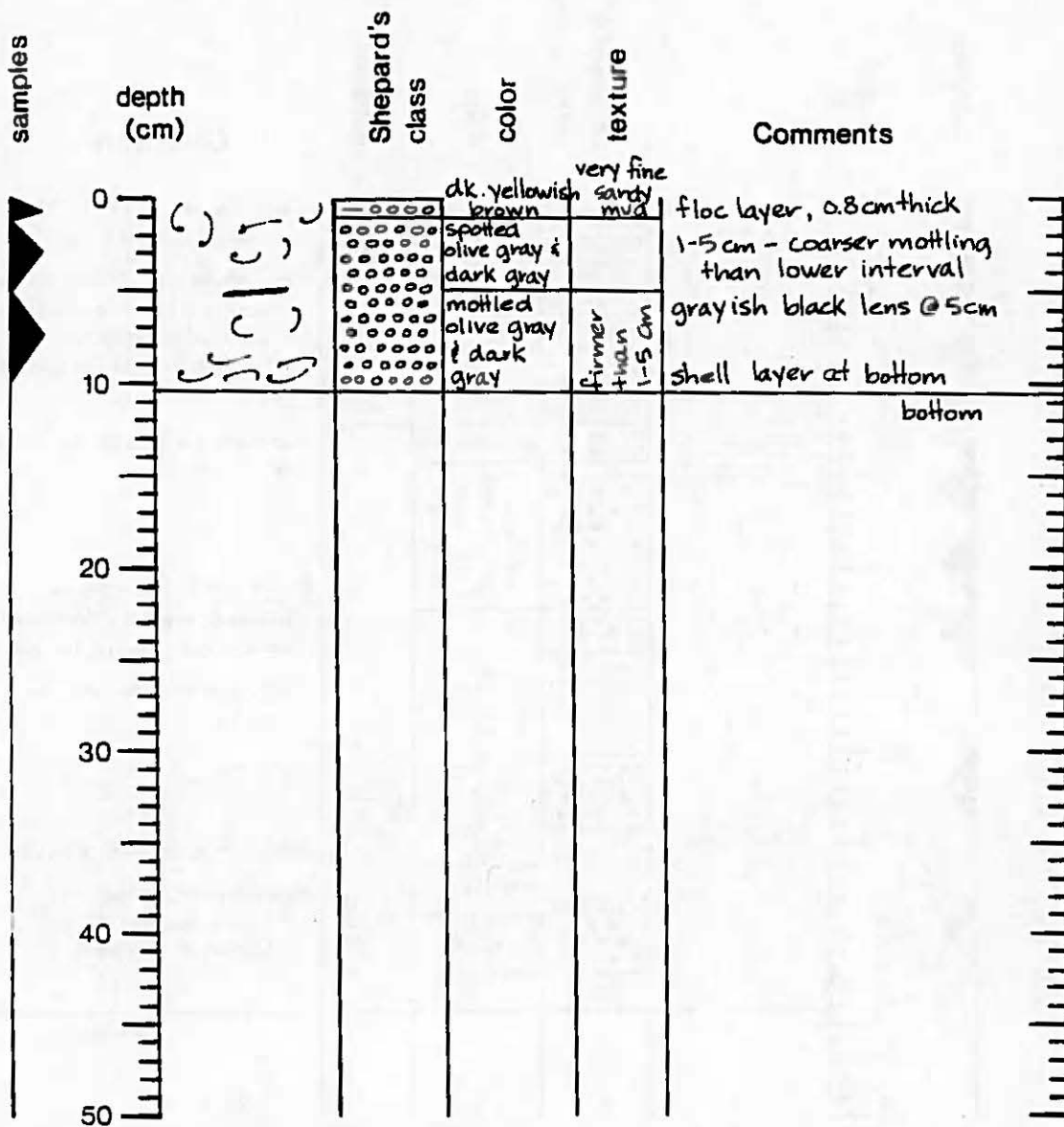
Station 12  
April 1989



Comments smells like dead organisms; no gas bubbles

HART - MILLER ISLAND  
8th year monitoring

Station 12A  
April 1989



Comments top appears to have dried out some; sand content increases from top to bottom (62% - 76% - 94%); shell halves randomly distributed throughout core - mostly juvenile *R. cuneata* (1.5 cm long along longest axis)

HART - MILLER ISLAND  
8th year monitoring

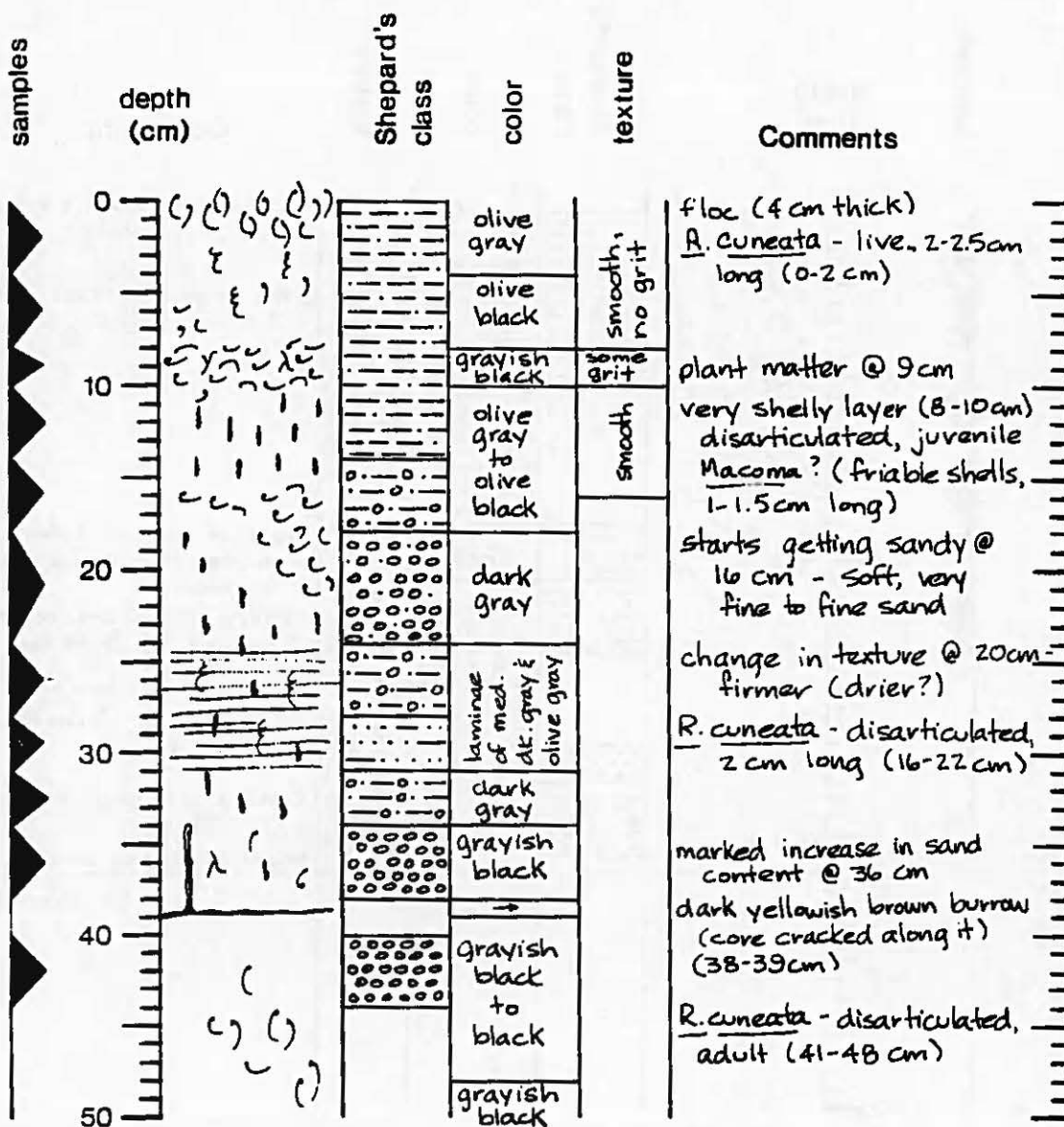
Station 12B  
April 1989

samples	depth (cm)	Shepard's class	color	texture	Comments
	0		dark yellowish brown	soft, fine - very fine sandy mud	<i>R. cuneata</i> (0-2 cm) 2.5-3 cm long, articulated, live?
	10		uniform dark gray	soft, fine sandy mud, coarse (medium)	shell layer (7-11 cm) jumbled, disarticulated; 1-1.5 cm long twig @ 10 cm
	20		olive gray w/ coarse med. dk. gray mottling		band of organic (plant) matter (18-21 cm); wood fragments mottling (21-30 cm) not as coarse as 9-14 cm
	30		dk gray w/ streaks of olive gray		occasional random shell halves, 2.5-3 cm long (21-25 cm)
	40		black		band of organic matter (30-32 cm) scattered shells below 32 cm
	50				bottom

Comments

HART - MILLER ISLAND  
8th year monitoring

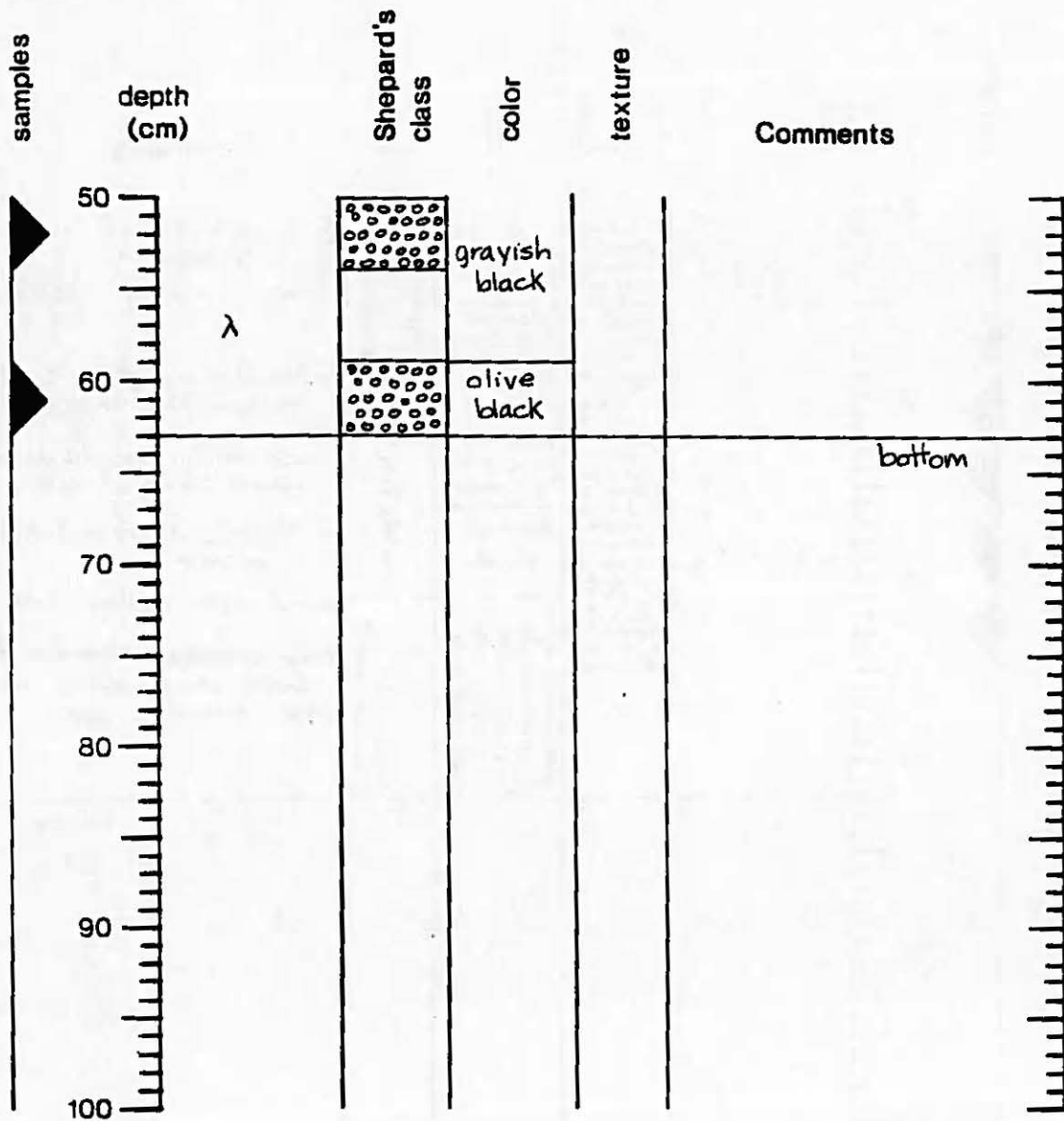
Station 12C  
April 1989



Comments plant matter in darkest bands (9 cm, 36 cm, 56-58 cm); no odor ; color banding

HART - MILLER ISLAND  
8th year monitoring

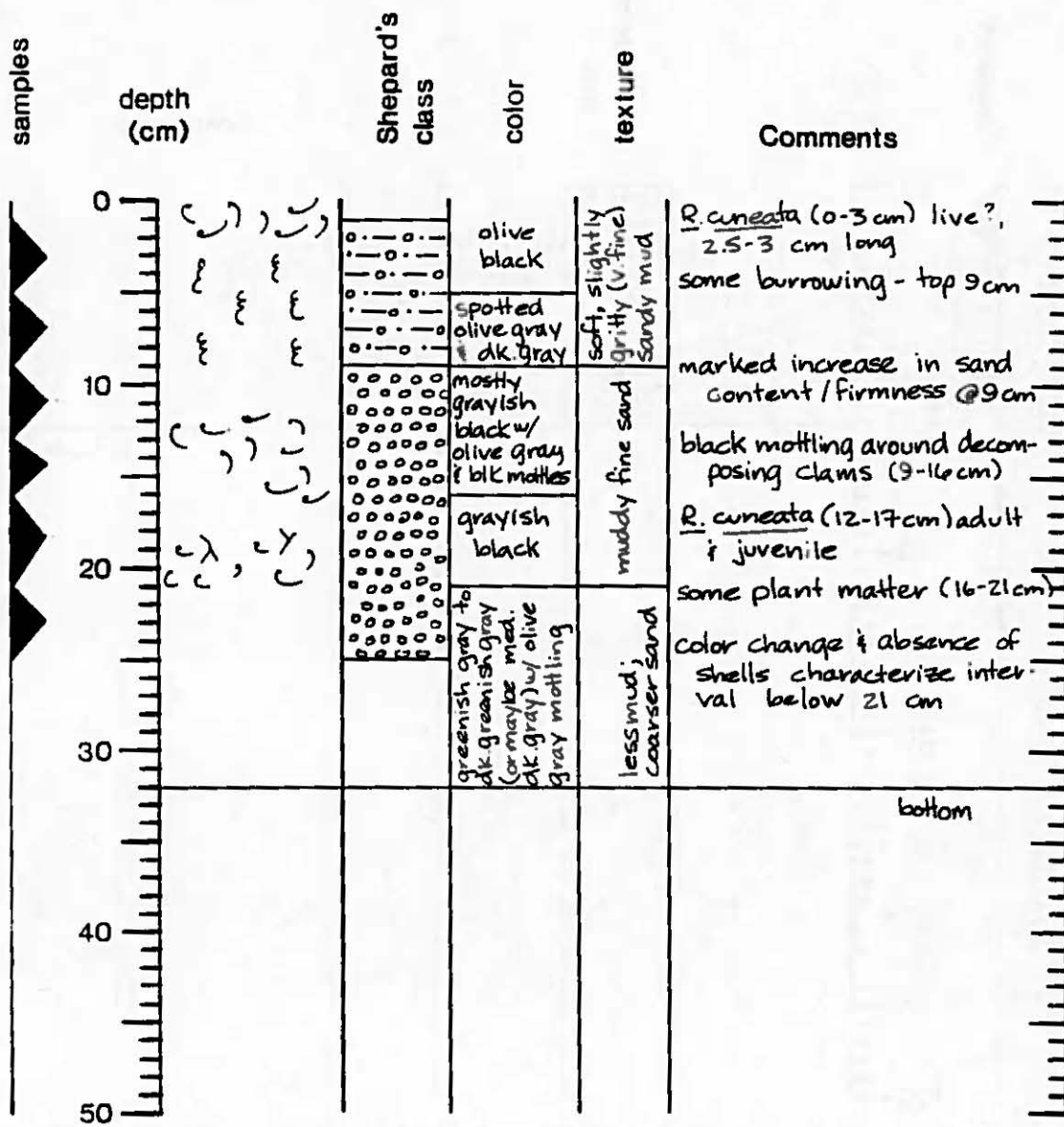
Station 12C  
April 1989



Comments

HART - MILLER ISLAND  
8th year monitoring

Station 12D  
April 1989



Comments no floc; no odor

**RESOURCE MONITORING DATA STORAGE SYSTEM  
OUTPUT  
SEDIMENT  
METALS ANALYSIS  
PHYSICAL CHARACTERISTICS**

STATION	DATE	TIME	DEPTH	BASIN	MEDIA	SUP	SAMPLE	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE				
			FT		CLASS		METHOD										
							MEDIA	PHYLUM	CLASS	SPECIES	PARAMETER	METHOD	UNITS	VALUE	REM		
XIF3430	881115	0	15	2139997	SEDIMENT	1	DISCRETE BA		1	3913217	7622581						
							CHEMCHAR	.			ALDRIN	53	UG/KG	0.1	L		
							CHEMCHAR	.			TALP-BHC	53	UG/KG	0.1	L		
							CHEMCHAR	.			TATRAZIN	53	UG/KG	0.1	L		
							CHEMCHAR	.			TRBT-BHC	53	UG/KG	0.1	L		
							CHEMCHAR	.			TLINDANE	53	UG/KG	0.1	L		
							CHEMCHAR	.			TCHLDANE	53	UG/KG	0.1	L		
							CHEMCHAR	.			DDD	53	UG/KG	0.1	L		
							CHEMCHAR	.			DDE	53	UG/KG	0.1	L		
							CHEMCHAR	.			TOTALDDT	53	UG/KG	0.1	L		
							CHEMCHAR	.			TDIAZNON	53	UG/KG	0.1	L		
							CHEMCHAR	.			TDIELDRN	53	UG/KG	0.1	L		
							CHEMCHAR	.			TENDRIN	53	UG/KG	0.1	L		
							CHEMCHAR	.			TETHLPAR	53	UG/KG	0.1	L		
							CHEMCHAR	.			THEPTCHL	53	UG/KG	0.1	L		
							CHEMCHAR	.			THPTCLEP	53	UG/KG	0.1	L		
							CHEMCHAR	.			LINURON	53	UG/KG	0.1	L		
							CHEMCHAR	.			TMALATHN	53	UG/KG	0.1	L		
							CHEMCHAR	.			TMETHPAR	53	UG/KG	0.1	L		
							CHEMCHAR	.			TTOKAPHEN	53	UG/KG	1	L		
							CHEMCHAR	.			TRIFLURALIN	53	UG/KG	0.1	L		
							CHEMCHAR	.			TPCBS	53	UG/KG	1	L		
XIF3430	881115	0	15	2139997	SEDIMENT	1	DISCRETE BA		1	3913217	7622581						
							CHEMCHAR	.			T34R20FL	205	UG/KG	1	L		
							CHEMCHAR	.			TACENPTH	205	UG/KG	1	L		
							CHEMCHAR	.			TBENZANT	205	UG/KG	1	L		
							CHEMCHAR	.			TBZGHIP	205	UG/KG	2	L		
							CHEMCHAR	.			TCHRYSEM	205	UG/KG	1	L		
							CHEMCHAR	.			TFLUORANT	205	UG/KG	1	L		
							CHEMCHAR	.			INDEN123	205	UG/KG	2	L		
							CHEMCHAR	.			PHENANTH	205	UG/KG	1	L		
							CHEMCHAR	.			TACENAPH	265	UG/KG	1	L		
							CHEMCHAR	.			TANTHPAC	205	UG/KG	1	L		
							CHEMCHAR	.			TBENZPYR	205	UG/KG	1	L		
							CHEMCHAR	.			TBENZFLR	205	UG/KG	1	L		
							CHEMCHAR	.			TDIBZAMA	205	UG/KG	2	L		
							CHEMCHAR	.			FLUDRENE	205	UG/KG	1	L		
							CHEMCHAR	.			TNAPHTHAL	205	UG/KG	1	L		
							CHEMCHAR	.			TPYRENE	205	UG/KG	1	L		
XIF3430	881115	0	15	2139997	SEDIMENT	1	DISCRETE BA		1	3913217	7622581						
							CHEMCHAR	.			TBUTBEP	54	UG/KG	1	L		
							CHEMCHAR	.			TDIOCTYL	54	UG/KG	1	L		
							CHEMCHAR	.			TDI2ETMP	54	UG/KG	10	L		
							CHEMCHAR	.			TDIBUPYH	54	UG/KG	1	L		
							CHEMCHAR	.			TDIETPTH	54	UG/KG	1	L		
							CHEMCHAR	.			TDIMEPTH	54	UG/KG	1	L		

150



STATION	DATE	TIME	DEPTH	BASIN	MEDIA	SUR	SAMPLE	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE		
			FT		CLASS		METHOD								
							MEDIA	PHYLUM	CLASS	SPECIES	PARAMETER	METHOD	UNITS	VALUE	REM
XIF3620	881115	0	18	2139997	SEDIMENT	1	DISCRETE BA		1	3913308	7621593				
							CHEMCHAR	.			ALDRIN	253 UG/KG		0.1	L
							CHEMCHAR	.			TALP-BHC	253 UG/KG		0.1	L
							CHEMCHAR	.			TATRAZIN	253 UG/KG		0.1	L
							CHEMCHAR	.			TBET-BHC	253 UG/KG		0.1	L
							CHEMCHAR	.			TLINDANE	253 UG/KG		0.1	L
							CHEMCHAR	.			TCHLDANE	253 UG/KG		0.1	L
							CHEMCHAR	.			DDD	253 UG/KG		0.1	L
							CHEMCHAR	.			DOE	253 UG/KG		0.1	L
							CHEMCHAR	.			TOTALDDT	253 UG/KG		0.1	L
							CHEMCHAR	.			TDIAZNON	253 UG/KG		0.1	L
							CHEMCHAR	.			TDIELDRN	253 UG/KG		0.1	L
							CHEMCHAR	.			TEHDRI	253 UG/KG		0.1	L
							CHEMCHAR	.			TETHPAR	253 UG/KG		0.1	L
							CHEMCHAR	.			THEPTCHL	253 UG/KG		0.1	L
							CHEMCHAR	.			THPTCLEP	253 UG/KG		0.1	L
							CHEMCHAR	.			LINURON	253 UG/KG		0.1	L
							CHEMCHAR	.			TMALATHN	253 UG/KG		0.1	L
							CHEMCHAR	.			TMETHPAR	253 UG/KG		0.1	L
							CHEMCHAR	.			TYOXAPHEN	253 UG/KG		1	L
							CHEMCHAR	.			TRIFLURALINE	253 UG/KG		0.1	L
							CHEMCHAR	.			TPCBS	253 UG/KG		1	L
XIF3620	881115	0	18	2139997	SEDIMENT	1	DISCRETE BA		1	3913308	7621593				
							CHEMCHAR	.			T34R20FL	205 UG/KG		1	L
							CHEMCHAR	.			TACENPTH	205 UG/KG		1	L
							CHEMCHAR	.			TBCNZANT	205 UG/KG		1	L
							CHEMCHAR	.			TRZGHIP	205 UG/KG		2	L
							CHEMCHAR	.			TCHRYSEN	205 UG/KG		1	L
							CHEMCHAR	.			TFLUORANT	205 UG/KG		1	L
							CHEMCHAR	.			INDEN123	205 UG/KG		2	L
							CHEMCHAR	.			PHENANTH	205 UG/KG		1	L
							CHEMCHAR	.			TACENAPH	205 UG/KG		1	L
							CHEMCHAR	.			TANTHRAC	205 UG/KG		1	L
							CHEMCHAR	.			TBENZPYR	205 UG/KG		1	L
							CHEMCHAR	.			TBENZFLR	205 UG/KG		1	L
							CHEMCHAR	.			TDIBZAH	205 UG/KG		2	L
							CHEMCHAR	.			FLUORENE	205 UG/KG		1	L
							CHEMCHAR	.			TNAPHTHAL	205 UG/KG		1	L
							CHEMCHAR	.			TPYRENE	205 UG/KG		1	L
XIF3620	881115	0	18	2139997	SEDIMENT	1	DISCRETE BA		1	3913308	7621593				
							CHEMCHAR	.			TBUTBEP	54 UG/KG		1	L
							CHEMCHAR	.			TDIOCTYL	54 UG/KG		1	L
							CHEMCHAR	.			TDI2ETHP	54 UG/KG		10	L
							CHEMCHAR	.			TDIBUPTH	54 UG/KG		1	L
							CHEMCHAR	.			TDIETPH	54 UG/KG		1	L
							CHEMCHAR	.			TDIHEPTH	54 UG/KG		1	L

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STATION	DATE	TIME	DEPTH	BASIN	MEDIA	SUB	SAMPLE	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE		
			FT		CLASS		METHOD								
							MEDIA	PHYLUM	CLASS	SPECIES	PARAMETER	METHOD	UNITS	VALUE	REM
XIF4615	881115	0	4	2139997	SEDIMENT	1	DISCRETE BA		1	3914326	7621258				
							CHEMCHAR	.			ALDRIN	253 UG/KG		0.1	L
							CHEMCHAR	.			TALP-RHC	253 UG/KG		0.1	L
							CHEMCHAR	.			TATRAZIN	253 UG/KG		0.1	L
							CHEMCHAR	.			TBET-BHC	253 UG/KG		0.1	L
							CHEMCHAR	.			TLINDANE	253 UG/KG		0.1	L
							CHEMCHAR	.			TCHLDANE	253 UG/KG		0.1	L
							CHEMCHAR	.			DDD	253 UG/KG		0.1	L
							CHEMCHAR	.			DDE	253 UG/KG		0.1	L
							CHEMCHAR	.			TOTALDDT	253 UG/KG		0.1	L
							CHEMCHAR	.			TDIAZNON	253 UG/KG		0.1	L
							CHEMCHAR	.			TDIELDRN	253 UG/KG		0.1	L
							CHEMCHAR	.			TENDPIN	253 UG/KG		0.1	L
							CHEMCHAR	.			TETHPAR	253 UG/KG		0.1	L
							CHEMCHAR	.			TMEPTCML	253 UG/KG		0.1	L
							CHEMCHAR	.			TMPICLCP	253 UG/KG		0.1	L
							CHEMCHAR	.			LINUPON	253 UG/KG		0.1	L
							CHEMCHAR	.			TNALATHN	253 UG/KG		0.1	L
							CHEMCHAR	.			TNETHPAR	253 UG/KG		0.1	L
							CHEMCHAR	.			TTOKAPHEN	253 UG/KG		1	L
							CHEMCHAR	.			TRIFLURALINE	253 UG/KG		0.1	L
							CHEMCHAR	.			TPCBS	253 UG/KG		1	L
XIF4615	881115	0	4	2139997	SEDIMENT	1	DISCRETE BA		1	3914326	7621258				
							CHEMCHAR	.			T34P2OFL	205 UG/KG		1	L
							CHEMCHAR	.			TACENPTH	205 UG/KG		1	L
							CHEMCHAR	.			TBENZANT	205 UG/KG		1	L
							CHEMCHAR	.			TBZGHIP	205 UG/KG		2	L
							CHEMCHAR	.			TCHRYSEN	205 UG/KG		1	L
							CHEMCHAR	.			TFLUORANT	205 UG/KG		1	L
							CHEMCHAR	.			INDEN123	205 UG/KG		2	L
							CHEMCHAR	.			PHENANTH	205 UG/KG		1	L
							CHEMCHAR	.			TACENAPH	205 UG/KG		1	L
							CHEMCHAR	.			TANTHRAC	205 UG/KG		1	L
							CHEMCHAR	.			TBENZPYR	205 UG/KG		1	L
							CHEMCHAR	.			TBENZFLR	205 UG/KG		1	L
							CHEMCHAR	.			TDIBZAMA	205 UG/KG		2	L
							CHEMCHAR	.			FLUORENE	205 UG/KG		1	L
							CHEMCHAR	.			TNAPHTHAL	205 UG/KG		1	L
							CHEMCHAR	.			TPYRENE	205 UG/KG		1	L
XIF4615	881115	0	4	2139997	SEDIMENT	1	DISCRETE BA		1	3914326	7621258				
							CHEMCHAR	.			TBUTBEP	54 UG/KG		1	L
							CHEMCHAR	.			TDIOCTYL	54 UG/KG		1	L
							CHEMCHAR	.			TDI2ETHP	54 UG/KG		10	L
							CHEMCHAR	.			TDIBUPTH	54 UG/KG		1	L
							CHEMCHAR	.			TDIETPTH	54 UG/KG		1	L
							CHEMCHAR	.			TDIHEPTH	54 UG/KG		1	L

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STATION	DATE	TIME	DEPTH FT	BASIN	MEDIA CLASS	SUM	SAMPLE METHOD	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE								
XIF5302	881115	0	17	2139997	SEDIMENT	1	DISCRETE BA				3915041	7620193									
							CHEMCHAR	.				ALDRIN	253 UG/KG			0.1					L
							CHEMCHAR	.				TALP-BHC	253 UG/KG			0.1					L
							CHEMCHAR	.				TATRAZIN	253 UG/KG			0.1					L
							CHEMCHAR	.				TBET-BHC	253 UG/KG			0.1					L
							CHEMCHAR	.				TLINDANE	253 UG/KG			0.1					L
							CHEMCHAR	.				TCHLDANE	253 UG/KG			0.1					L
							CHEMCHAR	.				DDO	253 UG/KG			0.1					L
							CHEMCHAR	.				DDC	253 UG/KG			0.1					L
							CHEMCHAR	.				TOTALDDT	253 UG/KG			0.1					L
							CHEMCHAR	.				TDIAZNON	253 UG/KG			0.1					L
							CHEMCHAR	.				TDIELDRN	253 UG/KG			0.1					L
							CHEMCHAR	.				TENDPIN	253 UG/KG			0.1					L
							CHEMCHAR	.				TETHPAR	253 UG/KG			0.1					L
							CHEMCHAR	.				THEPTCHL	253 UG/KG			0.1					L
							CHEMCHAR	.				THPTCLEP	253 UG/KG			0.1					L
							CHEMCHAR	.				LINURON	253 UG/KG			0.1					L
							CHEMCHAR	.				TMALATHN	253 UG/KG			0.1					L
							CHEMCHAR	.				TMETHPAR	253 UG/KG			0.1					L
							CHEMCHAR	.				TTOXAPHEN	253 UG/KG			1					L
							CHEMCHAR	.				TRIFLURALINE	253 UG/KG			0.1					L
							CHEMCHAR	.				TPCBS	253 UG/KG			1					L
XIF5302	881115	0	17	2139997	SEDIMENT	1	DISCRETE BA				3915041	7620193									
							CHEMCHAR	.				T34P20FL	205 UG/KG			1					L
							CHEMCHAR	.				TACENPTH	205 UG/KG			1					L
							CHEMCHAR	.				TRENZANT	205 UG/KG			1					L
							CHEMCHAR	.				TBZGHIP	205 UG/KG			2					L
							CHEMCHAR	.				TCHRYSEN	205 UG/KG			1					L
							CHEMCHAR	.				TFLUORANT	205 UG/KG			1					L
							CHEMCHAR	.				INDEN123	205 UG/KG			2					L
							CHEMCHAR	.				PHENANTH	205 UG/KG			1					L
							CHEMCHAR	.				TACENAPH	205 UG/KG			1					L
							CHEMCHAR	.				TANTHRAC	205 UG/KG			1					L
							CHEMCHAR	.				TRENZPYR	205 UG/KG			1					L
							CHEMCHAR	.				TBENZFLR	205 UG/KG			1					L
							CHEMCHAR	.				TDIBZANA	205 UG/KG			2					L
							CHEMCHAR	.				FLUORENE	205 UG/KG			1					L
							CHEMCHAR	.				TNAPHTHAL	205 UG/KG			1					L
							CHEMCHAR	.				TPYRENE	205 UG/KG			1					L
XIF5302	881115	0	17	2139997	SEDIMENT	1	DISCRETE BA				3915041	7620193									
							CHEMCHAR	.				TBUTBEP	54 UG/KG			1					L
							CHEMCHAR	.				TDIOCTYL	54 UG/KG			1					L
							CHEMCHAR	.				TDI2ETHP	54 UG/KG			10					L
							CHEMCHAR	.				TDIBUPTH	54 UG/KG			1					L
							CHEMCHAR	.				TDIETPTH	54 UG/KG			1					L
							CHEMCHAR	.				TDIMEPTH	54 UG/KG			1					L

STATION	DATE	TIME	DEPTH FT	BASIN	MEDIA CLASS	SUR	SAMPLE METHOD	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE						
XIF5302	881115	0	17	2139997	SEDIMENT	1	DISCRETE BA				3915041	7620193							
							CHEMCHAR	.				ALDRIN	253 UG/KG	0.1					L
							CHEMCHAR	.				TALP-BHC	253 UG/KG	0.1					L
							CHEMCHAR	.				TATRAZIN	253 UG/KG	0.1					L
							CHEMCHAR	.				TBET-BHC	253 UG/KG	0.1					L
							CHEMCHAR	.				TLINDANE	253 UG/KG	0.1					L
							CHEMCHAR	.				TCHLDANE	253 UG/KG	0.1					L
							CHEMCHAR	.				DDD	253 UG/KG	0.1					L
							CHEMCHAR	.				DDE	253 UG/KG	0.1					L
							CHEMCHAR	.				TOTALDDT	253 UG/KG	0.1					L
							CHEMCHAR	.				TDIAZNON	253 UG/KG	0.1					L
							CHEMCHAR	.				TDIELDRN	253 UG/KG	0.1					L
							CHEMCHAR	.				TENDRIN	253 UG/KG	0.1					L
							CHEMCHAR	.				TETHLPAR	253 UG/KG	0.1					L
							CHEMCHAR	.				THEPTCHL	253 UG/KG	0.1					L
							CHEMCHAR	.				TMPTCLEP	253 UG/KG	0.1					L
							CHEMCHAR	.				LINURON	253 UG/KG	0.1					L
							CHEMCHAR	.				TMALATHN	253 UG/KG	0.1					L
							CHEMCHAR	.				TMETHPAR	253 UG/KG	0.1					L
							CHEMCHAR	.				TTOXAPHEN	253 UG/KG	1					L
							CHEMCHAR	.				TRIFLURALINE	253 UG/KG	0.1					L
							CHEMCHAR	.				TPCBS	253 UG/KG	1					L
XIF5302	881115	0	17	2139997	SEDIMENT	1	DISCRETE BA				3915041	7620193							
							CHEMCHAR	.				T340Z0FL	205 UG/KG	1					L
							CHEMCHAR	.				TACENPTH	205 UG/KG	1					L
							CHEMCHAR	.				TRENZANT	205 UG/KG	1					L
							CHEMCHAR	.				TBZGHIP	205 UG/KG	2					L
							CHEMCHAR	.				TCHRYSEN	205 UG/KG	1					L
							CHEMCHAR	.				TFLUORANT	205 UG/KG	1					L
							CHEMCHAR	.				INDEN123	205 UG/KG	2					L
							CHEMCHAR	.				PHENANTH	205 UG/KG	1					L
							CHEMCHAR	.				TACENAPH	205 UG/KG	1					L
							CHEMCHAR	.				TANTHRAC	205 UG/KG	1					L
							CHEMCHAR	.				TBENZPYR	205 UG/KG	1					L
							CHEMCHAR	.				TBENZFLR	205 UG/KG	1					L
							CHEMCHAR	.				TDIBZANA	205 UG/KG	2					L
							CHEMCHAR	.				FLOURENE	205 UG/KG	1					L
							CHEMCHAR	.				TNAPHTHAL	205 UG/KG	1					L
							CHEMCHAR	.				TPYRENE	205 UG/KG	1					L
XIF5302	881115	0	17	2139997	SEDIMENT	1	DISCRETE BA				3915041	7620193							
							CHEMCHAR	.				TBUTBEP	54 UG/KG	1					L
							CHEMCHAR	.				TDIOCTYL	54 UG/KG	1					L
							CHEMCHAR	.				TDI2ETHP	54 UG/KG	1					L
							CHEMCHAR	.				TDIBUPTH	54 UG/KG	1					L
							CHEMCHAR	.				TDIETPTH	54 UG/KG	1					L
							CHEMCHAR	.				TDINEPTH	54 UG/KG	1					L

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STATION	DATE	TIME	DEPTH	BASIN	MEDIA	SUR	SAMPLE	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE			
			FT		CLASS		METHOD									
							MEDIA	PHYLUM	CLASS	SPECIES	PARAMETER	METHOD	UNITS	VALUE	REM	
XIF5302	881115	C	17	2139997	SEDIMENT	1	DISCRETE PA				1	3915041	7620193			
							CHEMCHAR	.				ALOPIN	253 UG/KG	0.1	L	
							CHEMCHAR	.				TALP-BMC	253 UG/KG	0.1	L	
							CHEMCHAR	.				TATRAZIN	253 UG/KG	0.1	L	
							CHEMCHAR	.				TBET-HHC	253 UG/KG	0.1	L	
							CHEMCHAR	.				TLINDANE	253 UG/KG	0.1	L	
							CHEMCHAR	.				TCHLDAHE	253 UG/KG	0.1	L	
							CHEMCHAR	.				DDD	253 UG/KG	0.1	L	
							CHEMCHAR	.				DDE	253 UG/KG	0.1	L	
							CHEMCHAR	.				TOTALDDT	253 UG/KG	0.1	L	
							CHEMCHAR	.				TDIAZNON	253 UG/KG	0.1	L	
							CHEMCHAR	.				TDIELORN	253 UG/KG	0.1	L	
							CHEMCHAR	.				TENDRIN	253 UG/KG	0.1	L	
							CHEMCHAR	.				TETHLPAR	253 UG/KG	0.1	L	
							CHEMCHAR	.				THEPTCHL	253 UG/KG	0.1	L	
							CHEMCHAR	.				THPTCLEP	253 UG/KG	0.1	L	
							CHEMCHAR	.				LINURON	253 UG/KG	0.1	L	
							CHEMCHAR	.				TMALATHN	253 UG/KG	0.1	L	
							CHEMCHAR	.				TMETHPAR	253 UG/KG	0.1	L	
							CHEMCHAR	.				TTOXAPHEN	253 UG/KG	1	L	
							CHEMCHAR	.				TRIFLURALINE	253 UG/KG	0.1	L	
							CHEMCHAR	.				TPCBS	253 UG/KG	1	L	
XIF5302	881115	0	17	2139997	SEDIMENT	1	DISCRETE BA				1	3915041	7620193			
							CHEMCHAR	.				T348Z0FL	205 UG/KG	1	L	
							CHEMCHAR	.				TACENPTH	205 UG/KG	1	L	
							CHEMCHAR	.				TBENZANT	205 UG/KG	1	L	
							CHEMCHAR	.				TB2GHIP	205 UG/KG	2	L	
							CHEMCHAR	.				TCHRYSEN	205 UG/KG	1	L	
							CHEMCHAR	.				TFLUORANT	205 UG/KG	1	L	
							CHEMCHAR	.				INDEN123	205 UG/KG	2	L	
							CHEMCHAR	.				PHENANTH	205 UG/KG	1	L	
							CHEMCHAR	.				TACENAPH	205 UG/KG	1	L	
							CHEMCHAR	.				TANTHRAC	205 UG/KG	1	L	
							CHEMCHAR	.				TBENZPYR	205 UG/KG	1	L	
							CHEMCHAR	.				TBENZFLR	205 UG/KG	1	L	
							CHEMCHAR	.				TDIBZAH	205 UG/KG	2	L	
							CHEMCHAR	.				FLUDRENE	205 UG/KG	1	L	
							CHEMCHAR	.				TNAPHTHAL	205 UG/KG	1	L	
							CHEMCHAR	.				TPYRENE	205 UG/KG	1	L	
XIF5302	881115	0	17	2139997	SEDIMENT	1	DISCRETE BA				1	3915041	7620193			
							CHEMCHAR	.				TBUT0EP	54 UG/KG	1	L	
							CHEMCHAR	.				TDIOCTYL	54 UG/KG	1	L	
							CHEMCHAR	.				TDI2ETHP	54 UG/KG	10	L	
							CHEMCHAR	.				TDIRUPTH	54 UG/KG	1	L	
							CHEMCHAR	.				TDIETPTH	54 UG/KG	1	L	
							CHEMCHAR	.				TDINEPTH	54 UG/KG	1	L	

STATION	DATE	TIME	DEPTH	BASIN	MEDIA	SUB	SAMPLE	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE			
			FY		CLASS		METHOD									
							MEDIA	PHYLUM	CLASS	SPECIES	PARAMETER	METHOD	UNITS	VALUE	REM	
XIG5699	881115	0	19	2139997	SEDIMENT	1	DISCRETE BA		1	3915330	7619530					
							CHEMCHAR	.			ALDRIN	253 UG/KG	0.1	L		
							CHEMCHAR	.			TALP-BHC	253 UG/KG	0.1	L		
							CHEMCHAR	.			YATRAZIN	253 UG/KG	0.1	L		
							CHEMCHAR	.			TBET-BHC	253 UG/KG	0.1	L		
							CHEMCHAR	.			TLINDANE	253 UG/KG	0.1	L		
							CHEMCHAR	.			TCHLDANE	253 UG/KG	0.1	L		
							CHEMCHAR	.			DDD	253 UG/KG	0.1	L		
							CHEMCHAR	.			DDE	253 UG/KG	0.1	L		
							CHEMCHAR	.			TOTALDDT	253 UG/KG	0.1	L		
							CHEMCHAR	.			TDIAZNON	253 UG/KG	0.1	L		
							CHEMCHAR	.			TDIELORN	253 UG/KG	0.1	L		
							CHEMCHAR	.			TENDRIN	253 UG/KG	0.1	L		
							CHEMCHAR	.			TETHPAR	253 UG/KG	0.1	L		
							CHEMCHAR	.			TMEPTCML	253 UG/KG	0.1	L		
							CHEMCHAR	.			TMPTCLEP	253 UG/KG	0.1	L		
							CHEMCHAR	.			LINURON	253 UG/KG	0.1	L		
							CHEMCHAR	.			TMALATHN	253 UG/KG	0.1	L		
							CHEMCHAR	.			TMETHPAR	253 UG/KG	0.1	L		
							CHEMCHAR	.			TTOXAPHEN	253 UG/KG	1	L		
							CHEMCHAP	.			TRIFLURALINE	253 UG/KG	0.1	L		
							CHEMCHAR	.			TPCBS	253 UG/KG	1	L		
XIG5699	881115	0	19	2139997	SEDIMENT	1	DISCRETE BA		1	3915330	7619530					
							CHEMCHAR	.			T34B20FL	205 UG/KG	1	L		
							CHEMCHAR	.			TACENPTH	205 UG/KG	1	L		
							CHEMCHAR	.			TRENZANT	205 UG/KG	1	L		
							CHEMCHAR	.			TRZGHIP	205 UG/KG	2	L		
							CHEMCHAR	.			TCHRYSEN	205 UG/KG	1	L		
							CHEMCHAR	.			TFLUORANT	205 UG/KG	1	L		
							CHEMCHAR	.			INDEN123	205 UG/KG	2	L		
							CHEMCHAR	.			PHENANTH	205 UG/KG	1	L		
							CHEMCHAR	.			TACENAPH	205 UG/KG	1	L		
							CHEMCHAR	.			TANTHRAC	205 UG/KG	1	L		
							CHEMCHAR	.			TBENZPYR	205 UG/KG	1	L		
							CHEMCHAR	.			TBENZFLR	205 UG/KG	1	L		
							CHEMCHAR	.			TDIBZAMA	205 UG/KG	2	L		
							CHEMCHAR	.			FLUORENE	205 UG/KG	1	L		
							CHEMCHAR	.			TNAPHTHAL	205 UG/KG	1	L		
							CHEMCHAR	.			TPYRENE	205 UG/KG	1	L		
XIG5699	881115	0	19	2139997	SEDIMENT	1	DISCRETE BA		1	3915330	7619530					
							CHEMCHAR	.			TRUBEP	54 UG/KG	1	L		
							CHEMCHAR	.			TDIOCTYL	54 UG/KG	1	L		
							CHEMCHAR	.			TDI2ETHP	54 UG/KG	10	L		
							CHEMCHAR	.			TDIBUPTH	54 UG/KG	1	L		
							CHEMCHAR	.			TDIETPTH	54 UG/KG	1	L		
							CHEMCHAR	.			TDIREPTH	54 UG/KG	1	L		

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STATION	DATE	TIME	DEPTH FT	BASIN	MEDIA CLASS	SUP METHOD	SAMPLE CY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE	VALUE	REM	
							MEDIA	PHYLUM	CLASS	SPECIES	PARAMETER	METHOD	UNITS		
XIF5302	881115	C	17	2139997	SEDIMENT	1	DISCRETE PA								
										3915041	7620193				
							CHEMCHAR	.			ALDRIN	253	UG/KG	0.1	L
							CHEMCHAR	.			TALP-RHC	253	UG/KG	0.1	L
							CHEMCHAR	.			YATRAZIN	253	UG/KG	0.1	L
							CHEMCHAR	.			TRET-HHC	253	UG/KG	0.1	L
							CHEMCHAR	.			TLINDANE	253	UG/KG	0.1	L
							CHEMCHAR	.			TCMLDAHE	253	UG/KG	0.1	L
							CHEMCHAR	.			DDD	253	UG/KG	0.1	L
							CHEMCHAR	.			DDE	253	UG/KG	0.1	L
							CHEMCHAR	.			TOTALDDT	253	UG/KG	0.1	L
							CHEMCHAR	.			TDIAZNON	253	UG/KG	0.1	L
							CHEMCHAR	.			TDIELDRN	253	UG/KG	0.1	L
							CHEMCHAR	.			TENDRIN	253	UG/KG	0.1	L
							CHEMCHAR	.			TETHLPAR	253	UG/KG	0.1	L
							CHEMCHAR	.			TMEPTCHL	253	UG/KG	0.1	L
							CHEMCHAR	.			TMPTCLEP	253	UG/KG	0.1	L
							CHEMCHAR	.			LINURON	253	UG/KG	0.1	L
							CHEMCHAR	.			TMALATHN	253	UG/KG	0.1	L
							CHEMCHAR	.			TMETHPAR	253	UG/KG	0.1	L
							CHEMCHAR	.			TTOXAPHEN	253	UG/KG	1	L
							CHEMCHAR	.			TRIFLURALINE	253	UG/KG	0.1	L
							CHEMCHAR	.			TCBS	253	UG/KG	1	L
XIF5302	881115	D	17	2139997	SEDIMENT	1	DISCRETE BA								
										3915041	7620193				
							CHEMCHAR	.			T34BZ0FL	205	UG/KG	1	L
							CHEMCHAR	.			TACENPTH	205	UG/KG	1	L
							CHEMCHAR	.			TBENZANT	205	UG/KG	1	L
							CHEMCHAR	.			TBZGHIP	205	UG/KG	2	L
							CHEMCHAR	.			TCHRYSEN	205	UG/KG	1	L
							CHEMCHAR	.			TFLUORANT	205	UG/KG	1	L
							CHEMCHAR	.			INDEN123	205	UG/KG	2	L
							CHEMCHAR	.			PHENANTH	205	UG/KG	1	L
							CHEMCHAR	.			TACENAPH	205	UG/KG	1	L
							CHEMCHAR	.			TANTHRAC	205	UG/KG	1	L
							CHEMCHAR	.			TBENZPYR	205	UG/KG	1	L
							CHEMCHAR	.			TBENZFLR	205	UG/KG	1	L
							CHEMCHAR	.			TDIBZAMA	205	UG/KG	2	L
							CHEMCHAR	.			FLUORENE	205	UG/KG	1	L
							CHEMCHAR	.			TNAPHTHAL	205	UG/KG	1	L
							CHEMCHAR	.			TPYRENE	205	UG/KG	1	L
XIF5302	881115	D	17	2139997	SEDIMENT	1	DISCRETE BA								
										3915041	7620193				
							CHEMCHAR	.			TBUTBEP	54	UG/KG	1	L
							CHEMCHAR	.			TDIOCTYL	54	UG/KG	1	L
							CHEMCHAR	.			TDI2ETHP	54	UG/KG	10	L
							CHEMCHAR	.			TDIRUPTH	54	UG/KG	1	L
							CHEMCHAR	.			TDIETPTH	54	UG/KG	1	L
							CHEMCHAR	.			TDIMEPTH	54	UG/KG	1	L

STATION	DATE	TIME	DEPTH	BASIN	MEDIA	SUB	SAMPLE	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE		
			FT		CLASS		METHOD								
							MEDIA	PHYLUM	CLASS	SPECIES	PARAMETER	METHOD	UNITS	VALUE	REM
X165699	881115	0	19	2139997	SEDIMENT	1	DISCRETE BA		1	3915330	7619530				
							CHEMCHAR	.			ALDRIN	253 UG/KG		0.1	L
							CHEMCHAR	.			TALP-BHC	253 UG/KG		0.1	L
							CHEMCHAR	.			TATRAZIN	253 UG/KG		0.1	L
							CHEMCHAR	.			TBET-BHC	253 UG/KG		0.1	L
							CHEMCHAR	.			TLINDANE	253 UG/KG		0.1	L
							CHEMCHAR	.			TCHLDANE	253 UG/KG		0.1	L
							CHEMCHAR	.			DDD	253 UG/KG		0.1	L
							CHEMCHAR	.			DDE	253 UG/KG		0.1	L
							CHEMCHAR	.			TOTALDDT	253 UG/KG		0.1	L
							CHEMCHAR	.			TDIAZNON	253 UG/KG		0.1	L
							CHEMCHAR	.			TDIELDRN	253 UG/KG		0.1	L
							CHEMCHAR	.			TENDRIN	253 UG/KG		0.1	L
							CHEMCHAR	.			TETHLPAR	253 UG/KG		0.1	L
							CHEMCHAR	.			TMEPTCML	253 UG/KG		0.1	L
							CHEMCHAR	.			THPTCLEP	253 UG/KG		0.1	L
							CHEMCHAR	.			LINURON	253 UG/KG		0.1	L
							CHEMCHAR	.			THALATHN	253 UG/KG		0.1	L
							CHEMCHAR	.			TMETHPAR	253 UG/KG		0.1	L
							CHEMCHAR	.			TTOXAPHEN	253 UG/KG		1	L
							CHEMCHAR	.			TRIFLURALINE	253 UG/KG		0.1	L
							CHEMCHAR	.			TPCBS	253 UG/KG		1	L
X165699	881115	0	19	2139997	SEDIMENT	1	DISCRETE BA		1	3915330	7619530				
							CHEMCHAR	.			T348ZOFI	205 UG/KG		1	L
							CHEMCHAR	.			TACENPTH	205 UG/KG		1	L
							CHEMCHAR	.			TRENZANT	205 UG/KG		1	L
							CHEMCHAR	.			TBZGHP	205 UG/KG		2	L
							CHEMCHAR	.			TCHRYSEN	205 UG/KG		1	L
							CHEMCHAR	.			TFLUORANT	205 UG/KG		1	L
							CHEMCHAR	.			INDEN123	205 UG/KG		2	L
							CHEMCHAR	.			PHENANTH	205 UG/KG		1	L
							CHEMCHAR	.			TACCENAPH	205 UG/KG		1	L
							CHEMCHAR	.			TANTHRAC	205 UG/KG		1	L
							CHEMCHAR	.			TBENZPYR	205 UG/KG		1	L
							CHEMCHAR	.			TBENZFLR	205 UG/KG		1	L
							CHEMCHAR	.			TDIBZAH	205 UG/KG		2	L
							CHEMCHAR	.			FLUORENE	205 UG/KG		1	L
							CHEMCHAR	.			TNAPHTHAL	205 UG/KG		1	L
							CHEMCHAR	.			TPYRENE	205 UG/KG		1	L
X165699	881115	0	19	2139997	SEDIMENT	1	DISCRETE BA		1	3915330	7619530				
							CHEMCHAR	.			TBUTBEP	54 UG/KG		1	L
							CHEMCHAR	.			TDIOCTYL	54 UG/KG		1	L
							CHEMCHAR	.			TDI2ETMP	54 UG/KG		10	L
							CHEMCHAR	.			TDIBUPTH	54 UG/KG		1	L
							CHEMCHAR	.			TDIETPTH	54 UG/KG		1	L
							CHEMCHAR	.			TDINEPTH	54 UG/KG		1	L

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STATION	DATE	TIME	DEPTH	BACIN	MEDIA	SUB	SAMPLE	CTY	TIOE	WEATHER	LATITUDE	LONGITUDE	REPLICATE						
			FT		CLASS		METHOD												
XIF5505	881115	0	13	2139997	SEDIMENT	1	DISCRETE BA				3915241	7620329							
							CHEMCHAR	.					ALDRIN	253	UG/KG	0.1			L
							CHEMCHAR	.					TALP-BHC	253	UG/KG	0.1			L
							CHEMCHAR	.					TATRAZIN	253	UG/KG	0.1			L
							CHEMCHAR	.					TBET-BHC	253	UG/KG	0.1			L
							CHEMCHAR	.					TLINDANE	253	UG/KG	0.1			L
							CHEMCHAR	.					YCHLDANE	253	UG/KG	0.1			L
							CHEMCHAR	.					DDD	253	UG/KG	0.1			L
							CHEMCHAR	.					DDE	253	UG/KG	0.1			L
							CHEMCHAR	.					TOTALDDT	253	UG/KG	0.1			L
							CHEMCHAR	.					TDIAZNON	253	UG/KG	0.1			L
							CHEMCHAR	.					TDIELDRN	253	UG/KG	0.1			L
							CHEMCHAR	.					TENDPIN	253	UG/KG	0.1			L
							CHEMCHAR	.					TETMLPAR	253	UG/KG	0.1			L
							CHEMCHAR	.					TMEPTCHL	253	UG/KG	0.1			L
							CHEMCHAR	.					TMPTCLEP	253	UG/KG	0.1			L
							CHEMCHAR	.					LINURON	253	UG/KG	0.1			L
							CHEMCHAR	.					TMALATHN	253	UG/KG	0.1			L
							CHEMCHAR	.					TMETHPAR	253	UG/KG	0.1			L
							CHEMCHAR	.					TTOXAPHEN	253	UG/KG	1			L
							CHEMCHAR	.					TRIFLURALINE	253	UG/KG	0.1			L
							CHEMCHAR	.					TPCBS	253	UG/KG	1			L
XIF5505	881115	0	13	2139997	SEDIMENT	1	DISCRETE BA				3915241	7620329							
							CHEMCHAR	.					T34R20FL	205	UG/KG	1			L
							CHEMCHAR	.					TACENPTH	205	UG/KG	1			L
							CHEMCHAR	.					TRENZANT	205	UG/KG	1			L
							CHEMCHAR	.					TPZGHIP	205	UG/KG	2			L
							CHEMCHAR	.					TCHRYSEN	205	UG/KG	1			L
							CHEMCHAR	.					TFLUORANT	205	UG/KG	1			L
							CHEMCHAR	.					INDEN123	205	UG/KG	2			L
							CHEMCHAR	.					PHENANTH	205	UG/KG	1			L
							CHEMCHAR	.					TACENAPH	205	UG/KG	1			L
							CHEMCHAR	.					TANTHRAC	205	UG/KG	1			L
							CHEMCHAR	.					TBENZPYR	205	UG/KG	1			L
							CHEMCHAR	.					TBENZFLR	205	UG/KG	1			L
							CHEMCHAR	.					TDIBZAMA	205	UG/KG	2			L
							CHEMCHAR	.					FLUORENE	205	UG/KG	1			L
							CHEMCHAR	.					TNAPHTHAL	205	UG/KG	1			L
							CHEMCHAR	.					TPYRENE	205	UG/KG	1			L
XIF5505	881115	0	13	2139997	SEDIMENT	1	DISCRETE BA				3915241	7620329							
							CHEMCHAR	.					TBUTBEP	54	UG/KG	1			L
							CHEMCHAR	.					TDIOCTYL	54	UG/KG	1			L
							CHEMCHAR	.					TDI2ETHP	54	UG/KG	10			L
							CHEMCHAR	.					TDIBUPTH	54	UG/KG	1			L
							CHEMCHAR	.					TDIETPTH	54	UG/KG	1			L
							CHEMCHAR	.					TDIMEPTH	54	UG/KG	1			L

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STATION	DATE	TIME	DEPTH FT	BASIN	MEDIA CLASS	SUB	SAMPLE METHOD	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE			
XIF5925	881115	0	10	2139997	SEDIMENT	1	DISCRETE #A				3915514	7622320				
							CHEMCHAR	.				ALDRIN	253 UG/KG	0.1		L
							CHEMCHAR	.				TALP-BHC	253 UG/KG	0.1		L
							CHEMCHAR	.				YATRAZIN	253 UG/KG	0.1		L
							CHEMCHAR	.				TBET-BHC	253 UG/KG	0.1		L
							CHEMCHAR	.				TLINDANE	253 UG/KG	0.1		L
							CHEMCHAR	.				YCHLOANE	253 UG/KG	0.1		L
							CHEMCHAR	.				DDD	253 UG/KG	0.1		L
							CHEMCHAR	.				DDE	253 UG/KG	0.1		L
							CHEMCHAR	.				TOTALDGT	253 UG/KG	0.1		L
							CHEMCHAR	.				TDIAZNON	253 UG/KG	0.1		L
							CHEMCHAR	.				TDIELDRN	253 UG/KG	0.1		L
							CHEMCHAR	.				YENDRIN	253 UG/KG	0.1		L
							CHEMCHAR	.				TETHLPAR	253 UG/KG	0.1		L
							CHEMCHAR	.				THEPTCHL	253 UG/KG	0.1		L
							CHEMCHAR	.				TMPTCLEP	253 UG/KG	0.1		L
							CHEMCHAR	.				LINURON	253 UG/KG	0.1		L
							CHEMCHAR	.				TMALATHN	253 UG/KG	0.1		L
							CHEMCHAR	.				TMETHPAR	253 UG/KG	0.1		L
							CHEMCHAR	.				TTOXAPHEN	253 UG/KG	1		L
							CHEMCHAR	.				TRIFLURALINE	253 UG/KG	0.1		L
							CHEMCHAR	.				TPCBS	253 UG/KG	1		L
XIF5925	881115	0	10	2139997	SEDIMENT	1	DISCRETE BA				3915514	7622320				
							CHEMCHAR	.				T34P20FL	205 UG/KG	1		L
							CHEMCHAR	.				TACENPTH	205 UG/KG	1		L
							CHEMCHAR	.				TBENZANT	205 UG/KG	1		L
							CHEMCHAR	.				TBZGMIP	205 UG/KG	2		L
							CHEMCHAR	.				TCHRYSEN	205 UG/KG	1		L
							CHEMCHAR	.				TFLUORANT	205 UG/KG	1		L
							CHEMCHAR	.				INDEN123	205 UG/KG	2		L
							CHEMCHAR	.				PHENANTH	205 UG/KG	1		L
							CHEMCHAR	.				TACENAPH	205 UG/KG	1		L
							CHEMCHAR	.				TANTHRAC	205 UG/KG	1		L
							CHEMCHAR	.				TBENZPYR	205 UG/KG	1		L
							CHEMCHAR	.				TBENZFLR	205 UG/KG	1		L
							CHEMCHAR	.				TDIBZAH	205 UG/KG	2		L
							CHEMCHAR	.				FLUORENE	205 UG/KG	1		L
							CHEMCHAR	.				TNAPHTHAL	205 UG/KG	1		L
							CHEMCHAR	.				TPYRENE	205 UG/KG	1		L
XIF5925	881115	0	10	2139997	SEDIMENT	1	DISCRETE BA				3915514	7622320				
							CHEMCHAR	.				TBUTBEP	54 UG/KG	1		L
							CHEMCHAR	.				TDIOCTYL	54 UG/KG	1		L
							CHEMCHAR	.				TDI2ETHP	54 UG/KG	10		L
							CHEMCHAR	.				TDIBUPTH	54 UG/KG	1		L
							CHEMCHAR	.				TDIETPTH	54 UG/KG	1		L
							CHEMCHAR	.				TDINEPTH	54 UG/KG	1		L

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STATION	DATE	TIME	DEPTH FT	BASIN	MEDIA CLASS	SUB METHOD	SAMPLE METHOD	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE				
XIF4642	881115	0	11	2139997	SEDIMENT	1	DISCRETE HA				3914350	7624115					
							CHEMCHAR						ALDRIN	253	UG/KG	0.1	L
							CHEMCHAR						TALP-BHC	253	UG/KG	0.1	L
							CHEMCHAR						TATRAZIN	253	UG/KG	0.1	L
							CHEMCHAR						TBET-BHC	253	UG/KG	0.1	L
							CHEMCHAR						TLINOANE	253	UG/KG	0.1	L
							CHEMCHAR						TCHLOANE	253	UG/KG	0.1	L
							CHEMCHAR						DDO	253	UG/KG	0.1	L
							CHEMCHAR						DDE	253	UG/KG	0.1	L
							CHEMCHAR						TOTALDDT	253	UG/KG	0.1	L
							CHEMCHAR						TDIAZNOH	253	UG/KG	0.1	L
							CHEMCHAR						TDIELDRN	253	UG/KG	0.1	L
							CHEMCHAR						TENDRIN	253	UG/KG	0.1	L
							CHEMCHAR						TETHLPAR	253	UG/KG	0.1	L
							CHEMCHAR						TMEPTCHL	253	UG/KG	0.1	L
							CHEMCHAR						THPTCLEP	253	UG/KG	0.1	L
							CHEMCHAR						LINURON	253	UG/KG	0.1	L
							CHEMCHAR						THALATHN	253	UG/KG	0.1	L
							CHEMCHAR						TMETHPAR	253	UG/KG	0.1	L
							CHEMCHAR						TTOXAPHEN	253	UG/KG	1	L
							CHEMCHAR						TRIFLURALINE	253	UG/KG	0.1	L
							CHEMCHAR						TPCBS	253	UG/KG	1	L
XIF4642	881115	0	11	2139997	SEDIMENT	1	DISCRETE HA				3914350	7624115					
							CHEMCHAR						T34R20FL	205	UG/KG	1	L
							CHEMCHAR						TACENPTH	205	UG/KG	1	L
							CHEMCHAR						TRENZANT	205	UG/KG	1	L
							CHEMCHAR						TRZGHIP	205	UG/KG	2	L
							CHEMCHAR						TCHRYSEN	205	UG/KG	1	L
							CHEMCHAR						TFLUORANT	205	UG/KG	1	L
							CHEMCHAR						INDEN123	205	UG/KG	2	L
							CHEMCHAR						PHENANTH	205	UG/KG	1	L
							CHEMCHAR						TACENAPH	205	UG/KG	1	L
							CHEMCHAR						TANTHRAC	205	UG/KG	1	L
							CHEMCHAR						TBENZPYR	205	UG/KG	1	L
							CHEMCHAR						TBENZFLR	205	UG/KG	1	L
							CHEMCHAR						TDIBZAH	205	UG/KG	2	L
							CHEMCHAR						FLUDRENE	205	UG/KG	1	L
							CHEMCHAR						TNAPHTHAL	205	UG/KG	1	L
							CHEMCHAR						TPYRENE	205	UG/KG	1	L
XIF4642	881115	0	11	2139997	SEDIMENT	1	DISCRETE BA				3914350	7624115					
							CHEMCHAR						TBUTBEP	54	UG/KG	1	L
							CHEMCHAR						TDIOCTYL	54	UG/KG	1	L
							CHEMCHAR						TDI2ETHP	54	UG/KG	1	L
							CHEMCHAR						TDIBUPTH	54	UG/KG	1	L
							CHEMCHAR						TDIETPTH	54	UG/KG	1	L
							CHEMCHAR						TDINEPTH	54	UG/KG	1	L

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STATION	DATE	TIME	DEPTH FT	BASIN	MEDIA CLASS	SUB	SAMPLE METHOD	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE	VALUE	REM
XIF3430	890403	0	15	2139997	SEDIMENT	1	DISCRETE BA				3913217	7622581			
					CHEMCHAR							ALDFIN	53 UG/KG	10	L
					CHEMCHAR							TALP-BMC	53 UG/KG	10	L
					CHEMCHAR							TATRAZIN	53 UG/KG	20	L
					CHEMCHAR							TBET-BMC	53 UG/KG	10	L
					CHEMCHAR							TLINDANE	53 UG/KG	10	L
					CHEMCHAR							TCHLDANE	53 UG/KG	100	L
					CHEMCHAR							DOD	53 UG/KG	10	L
					CHEMCHAR							DDE	53 UG/KG	10	L
					CHEMCHAR							TOTALDDT	53 UG/KG	10	L
					CHEMCHAR							TDIAZNON	53 UG/KG	20	L
					CHEMCHAR							TDIELDRN	53 UG/KG	10	L
					CHEMCHAR							TENDRIN	53 UG/KG	10	L
					CHEMCHAR							TETHEPAR	53 UG/KG	20	L
					CHEMCHAR							THEPTCHL	53 UG/KG	20	L
					CHEMCHAR							THPTCLEP	53 UG/KG	10	L
					CHEMCHAR							LINURON	53 UG/KG	20	L
					CHEMCHAR							TMALATHN	53 UG/KG	20	L
					CHEMCHAR							TMETHPAR	53 UG/KG	20	L
					CHEMCHAR							TOXAPHEN	53 UG/KG	100	L
					CHEMCHAR							TRIFLURALINE	53 UG/KG	20	L
					CHEMCHAR							TPCHS	53 UG/KG	100	L
XIF3430	890403	0	15	2139997	SEDIMENT	1	DISCRETE BA				3913217	7622581			
					CHEMCHAR							T34P20FL	205 UG/KG	1	L
					CHEMCHAR							TACENPTH	205 UG/KG	1	L
					CHEMCHAR							TRENZANT	205 UG/KG	1	L
					CHEMCHAR							TRZGHP	205 UG/KG	2	L
					CHEMCHAR							TCHRYSEN	205 UG/KG	1	L
					CHEMCHAR							TFLUORANT	205 UG/KG	1	L
					CHEMCHAR							IMOCN123	205 UG/KG	2	L
					CHEMCHAR							PHEHANTH	205 UG/KG	1	L
					CHEMCHAR							TACENAPH	205 UG/KG	1	L
					CHEMCHAR							TANTHRAC	205 UG/KG	1	L
					CHEMCHAR							TRENZPYR	205 UG/KG	1	L
					CHEMCHAR							TBENZFLR	205 UG/KG	2	L
					CHEMCHAR							TDIBZAH	205 UG/KG	2	L
					CHEMCHAR							FLUORENE	205 UG/KG	1	L
					CHEMCHAR							THAPHTHAL	205 UG/KG	1	L
					CHEMCHAR							TPYRENE	205 UG/KG	1	L
XIF3430	890403	0	15	2139997	SEDIMENT	1	DISCRETE BA				1	3913217	7622581		
					CHEMCHAR							TBUTBEP	54 UG/KG	1	L
					CHEMCHAR							TDIOCTYL	54 UG/KG	1	L
					CHEMCHAR							TDI2ETHP	54 UG/KG	10	L
					CHEMCHAR							TDIRUPTH	54 UG/KG	1	L
					CHEMCHAR							TDIETPTH	54 UG/KG	1	L
					CHEMCHAR							TDIMEPTH	54 UG/KG	1	L

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STATION	DATE	TIME	DEPTH FT	Basin	MEDIA CLASS	SUB	SAMPLE METHOD	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE										
XIF3620	890403	0	1-	2139957	SEDIMENT	1	DISCRETE PA				391330A	7621593											
							CHEMCHAR	.				ALCRIN	53	UG/KG		10							L
							CHEMCHAR	.				TALP-BMC	53	UG/KG		10							L
							CHEMCHAR	.				TATRAZIN	53	UG/KG		20							L
							CHEMCHAR	.				TRET-BMC	53	UG/KG		10							L
							CHEMCHAR	.				TLINDANE	53	UG/KG		10							L
							CHEMCHAR	.				TCHLDAVE	53	UG/KG		100							L
							CHEMCHAR	.				DDC	53	UG/KG		10							L
							CHEMCHAR	.				DDE	53	UG/KG		10							L
							CHEMCHAR	.				TOTALDDT	53	UG/KG		10							L
							CHEMCHAR	.				TDIAZNON	53	UG/KG		20							L
							CHEMCHAR	.				TDIELDRN	53	UG/KG		10							L
							CHEMCHAR	.				TENDRIN	53	UG/KG		10							L
							CHEMCHAR	.				TETHLPAR	53	UG/KG		20							L
							CHEMCHAR	.				TMEPTCHL	53	UG/KG		20							L
							CHEMCHAR	.				TMPTCLEP	53	UG/KG		10							L
							CHEMCHAR	.				LINURON	53	UG/KG		20							L
							CHEMCHAR	.				TMALATHN	53	UG/KG		20							L
							CHEMCHAR	.				TPETHPAR	53	UG/KG		20							L
							CHEMCHAR	.				TTOXAPHEN	53	UG/KG		100							L
							CHEMCHAR	.				TRIFLURALINE53	UG/KG		20								L
							CHEMCHAR	.				TPCRS	53	UG/KG		100							L
XIF3620	890403	0	18	2139997	SEDIMENT	1	DISCRETE BA				391330B	7621593											
							CHEMCHAR	.				T34BZOFL	205	UG/KG		1							L
							CHEMCHAR	.				TACENPTH	205	UG/KG		1							L
							CHEMCHAR	.				TRENZANT	205	UG/KG		1							L
							CHEMCHAR	.				TPZGHP	205	UG/KG		2							L
							CHEMCHAR	.				TCHRYSEN	205	UG/KG		1							L
							CHEMCHAR	.				TFLUORANT	205	UG/KG		1							L
							CHEMCHAR	.				INDEN123	205	UG/KG		2							L
							CHEMCHAR	.				PRENANTH	205	UG/KG		1							L
							CHEMCHAR	.				TACENAPH	205	UG/KG		1							L
							CHEMCHAR	.				TANTHRAC	205	UG/KG		1							L
							CHEMCHAR	.				TBENZPYR	205	UG/KG		1							L
							CHEMCHAR	.				TBENZFLR	205	UG/KG		2							L
							CHEMCHAR	.				TDIPZANA	205	UG/KG		2							L
							CHEMCHAR	.				FLUORENE	205	UG/KG		1							L
							CHEMCHAR	.				TNAPHTHAL	205	UG/KG		1							L
							CHEMCHAR	.				TPYRENE	205	UG/KG		1							L
XIF3620	890403	0	18	2139997	SEDIMENT	1	DISCRETE BA				391330B	7621593											
							CHEMCHAR	.				TBUTBEP	54	UG/KG		1							L
							CHEMCHAR	.				TDIOCTYL	54	UG/KG		1							L
							CHEMCHAR	.				TDI2ETHP	54	UG/KG		10							L
							CHEMCHAR	.				TDIBUPTH	54	UG/KG		1							L
							CHEMCHAR	.				TDIETPTH	54	UG/KG		1							L
							CHEMCHAR	.				TDIMEPTH	54	UG/KG		1							L

STATION	DATE	TIME	DEPTH FT	BASIN	MEDIA CLASS	SUP	SAMPLE METHOD	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE					
XIF4615	890403	0	15	2139997	SEDIMENT	1	DISCRETE BA				3914326	7621258						
							CHEMCHAR							ALDRIN	53	UG/KG	10	L
							CHEMCHAR							TALP-BHC	53	UG/KG	10	L
							CHEMCHAR							TATRAZIN	53	UG/KG	20	L
							CHEMCHAR							TBET-BHC	53	UG/KG	10	L
							CHEMCHAR							TLINDANE	53	UG/KG	10	L
							CHEMCHAR							TCHLDANE	53	UG/KG	100	L
							CHEMCHAR							DDD	53	UG/KG	10	L
							CHEMCHAR							DDE	53	UG/KG	10	L
							CHEMCHAR							TCTALDDT	53	UG/KG	10	L
							CHEMCHAR							TDIAZNON	53	UG/KG	20	L
							CHEMCHAR							TCIELDRN	53	UG/KG	10	L
							CHEMCHAR							TENDRIN	53	UG/KG	10	L
							CHEMCHAR							TETHLPAR	53	UG/KG	20	L
							CHEMCHAR							TMEPTCHL	53	UG/KG	20	L
							CHEMCHAR							TMTCLEP	53	UG/KG	10	L
							CHEMCHAR							LINURON	53	UG/KG	20	L
							CHEMCHAR							THALATHN	53	UG/KG	20	L
							CHEMCHAR							TMETHPAR	53	UG/KG	20	L
							CHEMCHAR							TTOXAPHEN	53	UG/KG	100	L
							CHEMCHAR							TRIFLURALINE	53	UG/KG	20	L
							CHEMCHAR							TPCBS	53	UG/KG	100	L
XIF4615	890403	0	15	2139997	SEDIMENT	1	DISCRETE BA				3914326	7621258						
							CHEMCHAR							T3APZDFL	205	UG/KG	1	L
							CHEMCHAR							TACENPTH	205	UG/KG	1	L
							CHEMCHAR							TRENZANT	205	UG/KG	1	L
							CHEMCHAR							TBZGHIP	205	UG/KG	2	L
							CHEMCHAR							TCHRYSEN	205	UG/KG	1	L
							CHEMCHAR							TFLUORANT	205	UG/KG	1	L
							CHEMCHAR							INDEN123	205	UG/KG	2	L
							CHEMCHAR							FHENANTH	205	UG/KG	1	L
							CHEMCHAR							TACENAPH	205	UG/KG	1	L
							CHEMCHAR							TANTHRAC	205	UG/KG	1	L
							CHEMCHAR							TBENZPYR	205	UG/KG	1	L
							CHEMCHAR							TBENZFLR	205	UG/KG	2	L
							CHEMCHAR							TDIRZAH	205	UG/KG	2	L
							CHEMCHAR							FLUDRENE	205	UG/KG	1	L
							CHEMCHAR							TNAPHTHAL	205	UG/KG	1	L
							CHEMCHAR							TPYRENE	205	UG/KG	1	L
XIF4615	890403	0	15	2139997	SEDIMENT	1	DISCRETE BA				3914326	7621258						
							CHEMCHAR							TBUTREP	54	UG/KG	1	L
							CHEMCHAR							TDIOCTYL	54	UG/KG	1	L
							CHEMCHAR							TDI2ETHP	54	UG/KG	10	L
							CHEMCHAR							TDIBUPTH	54	UG/KG	1	L
							CHEMCHAR							TDIETPTH	54	UG/KG	1	L
							CHEMCHAR							TDIWEPTH	54	UG/KG	1	L

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STATION	DATE	TIME	DEPTH FT	BSIN	MEDIA CLASS	SUR	SAMPLE METHOD	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE										
														MEDIA	PHYLUM	CLASS	SPECIES	PARAMETER	METHOD	UNITS	VALUE	REM	
XIF5302	890403	0	20	213997	SEDIMENT	1	DISCRETE	FA			3915041	7620193											
														CHEMCHAR	.			ALDRIN	53	UG/KG	1		L
														CHEMCHAR	.			TALP-BHC	53	UG/KG	1		L
														CHEMCHAR	.			TATRAZIN	53	UG/KG	2		L
														CHEMCHAR	.			TRET-BHC	53	UG/KG	1		L
														CHEMCHAR	.			TLINDANE	53	UG/KG	1		L
														CHEMCHAR	.			YCHLDANE	53	UG/KG	10		L
														CHEMCHAR	.			DDD	53	UG/KG	1		L
														CHEMCHAR	.			DDT	53	UG/KG	1		L
														CHEMCHAR	.			TOTALDDT	53	UG/KG	1		L
														CHEMCHAR	.			TDIAZNON	53	UG/KG	2		L
														CHEMCHAR	.			TDIELDON	53	UG/KG	1		L
														CHEMCHAR	.			TENDRIN	53	UG/KG	1		L
														CHEMCHAR	.			TETHLPAR	53	UG/KG	2		L
														CHEMCHAR	.			THEPTCHL	53	UG/KG	2		L
														CHEMCHAR	.			THPTCLEP	53	UG/KG	1		L
														CHEMCHAR	.			LINURON	53	UG/KG	2		L
														CHEMCHAR	.			TMALATHN	53	UG/KG	2		L
														CHEMCHAR	.			TMETHPAR	53	UG/KG	2		L
														CHEMCHAR	.			TTOXAPHEN	53	UG/KG	10		L
														CHEMCHAR	.			TRIFLURALINE	53	UG/KG	2		L
														CHEMCHAR	.			TPCBS	53	UG/KG	100		L
XIF5302	890403	0	20	213997	SEDIMENT	1	DISCRETE	BA			3915041	7620193											
														CHEMCHAR	.			T34H2OFL	205	UG/KG	1		L
														CHEMCHAR	.			TACENPTH	205	UG/KG	1		L
														CHEMCHAR	.			TRENZANT	205	UG/KG	1		L
														CHEMCHAR	.			TRZGHIP	205	UG/KG	2		L
														CHEMCHAR	.			TCHRYSEN	205	UG/KG	1		L
														CHEMCHAR	.			TFLUORANT	205	UG/KG	1		L
														CHEMCHAR	.			INDEN123	205	UG/KG	2		L
														CHEMCHAR	.			PHENANTH	205	UG/KG	1		L
														CHEMCHAR	.			TACENAPH	205	UG/KG	1		L
														CHEMCHAR	.			TANTHRAC	205	UG/KG	1		L
														CHEMCHAR	.			TBENZPYR	205	UG/KG	1		L
														CHEMCHAR	.			TBENZFLR	205	UG/KG	2		L
														CHEMCHAR	.			TDIBZAH	205	UG/KG	2		L
														CHEMCHAR	.			FLUGRENE	205	UG/KG	1		L
														CHEMCHAR	.			TNAPHTHAL	205	UG/KG	1		L
														CHEMCHAR	.			TPYRENE	205	UG/KG	1		L
XIF5302	890403	0	20	213997	SEDIMENT	1	DISCRETE	BA			3915041	7620193											
														CHEMCHAR	.			TBUTBEP	54	UG/KG	1		L
														CHEMCHAR	.			TDIOCTYL	54	UG/KG	1		L
														CHEMCHAR	.			TDI2ETHP	54	UG/KG	56		L
														CHEMCHAR	.			TDIBUPTH	54	UG/KG	1		L
														CHEMCHAR	.			TDIETPTH	54	UG/KG	1		L
														CHEMCHAR	.			TDIMEPTH	54	UG/KG	1		L

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STATION	DATE	TIME	DEPTH FT	BASIN	MEDIA CLASS	SUM METHOD	SAMPLE METHOD	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE								
XIFS02	890430	0	20	2139997	SEDIMENT	1	DISCRETE HA				3915041	7620193									
							CHEMCHAR	.				ALCFIN	53	UG/KG	1					L	
							CHEMCHAR	.				TALP-RMC	53	UG/KG	1					L	
							CHEMCHAR	.				TATRAZIN	53	UG/KG	2					L	
							CHEMCHAR	.				TRET-BHC	53	UG/KG	1					L	
							CHEMCHAR	.				TLINDANE	53	UG/KG	1					L	
							CHEMCHAR	.				TCHLDANE	53	UG/KG	10					L	
							CHEMCHAR	.				DDD	53	UG/KG	1					L	
							CHEMCHAR	.				DDE	53	UG/KG	1					L	
							CHEMCHAR	.				TOTALDOY	53	UG/KG	1					L	
							CHEMCHAR	.				TDIAZNON	53	UG/KG	2					L	
							CHEMCHAR	.				TDIELDRN	53	UG/KG	1					L	
							CHEMCHAR	.				TEHDRIW	53	UG/KG	1					L	
							CHEMCHAR	.				TETHLPAR	53	UG/KG	2					L	
							CHEMCHAR	.				TMEPTCHL	53	UG/KG	2					L	
							CHEMCHAR	.				TMPYCLEP	53	UG/KG	1					L	
							CHEMCHAR	.				LINURON	53	UG/KG	2					L	
							CHEMCHAR	.				TMALATHN	53	UG/KG	2					L	
							CHEMCHAR	.				TMETHPAR	53	UG/KG	2					L	
							CHEMCHAR	.				TYOXAPHEN	53	UG/KG	10					L	
							CHEMCHAR	.				TRIFLURALIN	53	UG/KG	2					L	
							CHEMCHAR	.				TPCAS	53	UG/KG	100					L	
XIFS02	890430	0	20	2139997	SEDIMENT	1	DISCRETE HA				3915041	7620193									
							CHEMCHAR	.				T34B20FL	205	UG/KG	1						L
							CHEMCHAR	.				TACENPTH	205	UG/KG	1						L
							CHEMCHAR	.				TRENZANT	205	UG/KG	1						L
							CHEMCHAR	.				TRZGHIP	205	UG/KG	2						L
							CHEMCHAR	.				TCHRYSEN	205	UG/KG	1						L
							CHEMCHAR	.				TFLUORANT	205	UG/KG	1						L
							CHEMCHAR	.				INDEN123	205	UG/KG	2						L
							CHEMCHAR	.				PHEANATH	205	UG/KG	1						L
							CHEMCHAR	.				TACENAPH	205	UG/KG	1						L
							CHEMCHAR	.				TANTHRAC	205	UG/KG	1						L
							CHEMCHAR	.				TRENZPYR	205	UG/KG	1						L
							CHEMCHAR	.				TBENZFLR	205	UG/KG	2						L
							CHEMCHAR	.				TDIBZAMA	205	UG/KG	2						L
							CHEMCHAR	.				FLUORENE	205	UG/KG	1						L
							CHEMCHAR	.				TNAPHTHAL	205	UG/KG	1						L
							CHEMCHAR	.				TPYRENE	205	UG/KG	1						L
XIFS02	890403	0	20	2139997	SEDIMENT	1	DISCRETE HA				3915041	7620193									
							CHEMCHAR	.				TBUTBEP	54	UG/KG	1						L
							CHEMCHAR	.				TDIOCTYL	54	UG/KG	1						L
							CHEMCHAR	.				TDIETHP	54	UG/KG	10						L
							CHEMCHAR	.				TDIBUPTH	54	UG/KG	1						L
							CHEMCHAR	.				TDICTPTH	54	UG/KG	1						L
							CHEMCHAR	.				TDIMEPTH	54	UG/KG	1						L

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STATION	DATE	TIME	DEPTH	BASIN	MEDIA	SUP	SAMPLE	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE			
			FT		CLASS		METHOD									
								MEDIA	PHYLUM	CLASS	SPECIES	PARAMETER	METHOD	UNITS	VALUE	REM
XIF5102	890403	0	20	2139997	SEDIMENT	1	DISCRETE BA				3915041	7620193				
							CHEMCHAR	.				ALDPIN	53	UG/KG	1	L
							CHEMCHAR	.				TALP-BMC	53	UG/KG	1	L
							CHEMCHAR	.				TATRAZIN	53	UG/KG	2	L
							CHEMCHAR	.				TRET-BMC	53	UG/KG	1	L
							CHEMCHAR	.				TLINDANE	53	UG/KG	1	L
							CHEMCHAR	.				TCHLDANE	53	UG/KG	10	L
							CHEMCHAR	.				DDD	53	UG/KG	1	L
							CHEMCHAR	.				EDE	53	UG/KG	1	L
							CHEMCHAR	.				TOTALDDT	53	UG/KG	1	L
							CHEMCHAR	.				TDIAZNON	53	UG/KG	2	L
							CHEMCHAR	.				TDIELDPN	53	UG/KG	1	L
							CHEMCHAR	.				TENDRIN	53	UG/KG	1	L
							CHEMCHAR	.				TETHLPAR	53	UG/KG	2	L
							CHEMCHAR	.				THEPTCHL	53	UG/KG	2	L
							CHEMCHAR	.				THPTCLEP	53	UG/KG	1	L
							CHEMCHAR	.				LINURON	53	UG/KG	2	L
							CHEMCHAR	.				TMALATHN	53	UG/KG	2	L
							CHEMCHAR	.				TMETHPAR	53	UG/KG	2	L
							CHEMCHAR	.				TXOXAPHEN	53	UG/KG	10	L
							CHEMCHAR	.				TRIFLURALINE	53	UG/KG	2	L
							CHEMCHAR	.				TPCBS	53	UG/KG	100	L
XIF5302	890403	0	20	2139997	SEDIMENT	1	DISCRETE BA				3915041	7620193				
							CHEMCHAR	.				T34R20FL	205	UG/KG	1	L
							CHEMCHAR	.				TACENPTH	205	UG/KG	1	L
							CHEMCHAR	.				TBENZANT	205	UG/KG	1	L
							CHEMCHAR	.				TBZGHIP	205	UG/KG	2	L
							CHEMCHAR	.				TCHRYSEN	205	UG/KG	1	L
							CHEMCHAR	.				TFLUORANT	205	UG/KG	1	L
							CHEMCHAR	.				INDEN123	205	UG/KG	2	L
							CHEMCHAR	.				PHENANTH	205	UG/KG	1	L
							CHEMCHAR	.				TACENAPH	205	UG/KG	1	L
							CHEMCHAR	.				TANTHRAC	205	UG/KG	1	L
							CHEMCHAR	.				TBENZPYR	205	UG/KG	1	L
							CHEMCHAR	.				TBENZFLR	205	UG/KG	2	L
							CHEMCHAR	.				TDIBZAMA	205	UG/KG	2	L
							CHEMCHAR	.				FLUORENE	205	UG/KG	1	L
							CHEMCHAR	.				YNAPHTHAL	205	UG/KG	1	L
							CHEMCHAR	.				TPYRENE	205	UG/KG	1	L
XIF5302	890403	0	20	2139997	SEDIMENT	1	DISCRETE BA				3915041	7620193				
							CHEMCHAR	.				TBUTBEP	54	UG/KG	1	L
							CHEMCHAR	.				TDIOCTYL	54	UG/KG	1	L
							CHEMCHAR	.				TDIETHP	54	UG/KG	10	L
							CHEMCHAR	.				TDIBUPTH	54	UG/KG	1	L
							CHEMCHAR	.				TDIETPTH	54	UG/KG	1	L
							CHEMCHAR	.				TDIREPTH	54	UG/KG	1	L

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STATION	DATE	TIME	DEPTH FT	BASIN	MEDIA CLASS	SUB METHOD	SAMPLE METHOD	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE	PARAMETER	UNITS	VALUE	REN							
X1G5699	890403	0	19	2139997	SEDIMENT	1	DISCRETE BA				3915330	7619530												
							CHEMCHAR	.																
							CHEMCHAR	.												ALDP IN	53 UG/KG	1	L	
							CHEMCHAR	.												TALP-BMC	53 UG/KG	1	L	
							CHEMCHAR	.												TATPAZIN	53 UG/KG	2	L	
							CHEMCHAR	.												TRET-BMC	53 UG/KG	1	L	
							CHEMCHAR	.												TLINDANE	53 UG/KG	1	L	
							CHEMCHAR	.												TCHLDANE	53 UG/KG	10	L	
							CHEMCHAR	.												DDD	53 UG/KG	1	L	
							CHEMCHAR	.												DDE	53 UG/KG	1	L	
							CHEMCHAR	.												TOTALDDT	53 UG/KG	1	L	
							CHEMCHAR	.												TDIAZNON	53 UG/KG	2	L	
							CHEMCHAR	.												TDIELDRN	53 UG/KG	1	L	
							CHEMCHAR	.												TENDRIN	53 UG/KG	1	L	
							CHEMCHAR	.												TETMLPAR	53 UG/KG	2	L	
							CHEMCHAR	.												THEPTCHL	53 UG/KG	2	L	
							CHEMCHAR	.												TMPTCLEP	53 UG/KG	1	L	
							CHEMCHAR	.												LINURON	53 UG/KG	2	L	
							CHEMCHAR	.												TMALATHN	53 UG/KG	2	L	
							CHEMCHAR	.												TMETHPAR	53 UG/KG	2	L	
CHEMCHAR	.												TYOXAPHEN	53 UG/KG	10	L								
CHEMCHAR	.												TRIFLURALINE	53 UG/KG	2	L								
CHEMCHAR	.												TPCPS	53 UG/KG	100	L								
X1G5699	890403	0	19	2139997	SEDIMENT	1	DISCRETE BA				3915330	7619530												
							CHEMCHAR	.																
							CHEMCHAR	.												T3AR2OFL	205 UG/KG	1	L	
							CHEMCHAR	.												TACENPTH	205 UG/KG	1	L	
							CHEMCHAR	.												TBENZANT	205 UG/KG	1	L	
							CHEMCHAR	.												TRZGHIP	205 UG/KG	2	L	
							CHEMCHAR	.												TCHRYSEN	205 UG/KG	1	L	
							CHEMCHAR	.												TFLUORANT	205 UG/KG	1	L	
							CHEMCHAR	.												INDEN123	205 UG/KG	2	L	
							CHEMCHAR	.												PHEVANTH	205 UG/KG	1	L	
							CHEMCHAR	.												TACENAPH	205 UG/KG	1	L	
							CHEMCHAR	.												TANTHRAC	205 UG/KG	1	L	
							CHEMCHAR	.												TBENZPYR	205 UG/KG	1	L	
							CHEMCHAR	.												TBENZFLR	205 UG/KG	2	L	
							CHEMCHAR	.												TDIBZAMA	205 UG/KG	2	L	
							CHEMCHAR	.												FLUORENE	205 UG/KG	1	L	
							CHEMCHAR	.												TNAPHTHAL	205 UG/KG	1	L	
							CHEMCHAR	.												TPYRENE	205 UG/KG	1	L	
							X1G5699	890403	0	19	2139997	SEDIMENT	1	DISCRETE BA				3915330	7619530					
														CHEMCHAR	.									
CHEMCHAR	.																			TRUBEP	54 UG/KG	1	L	
CHEMCHAR	.																			TDIGCTYL	54 UG/KG	1	L	
CHEMCHAR	.																			TDI2ETHP	54 UG/KG	10	L	
CHEMCHAR	.																			TDIRUPTH	54 UG/KG	1	L	
CHEMCHAR	.												TDIETPM	54 UG/KG	1	L								
CHEMCHAR	.												TDIREPTH	54 UG/KG	1	L								

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STATION	DATE	TIME	DEPTH	BASIN	MEDIA	SUB	SAMPLE	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE			
			FT		CLASS		METHOD									
							MEDIA	PHYLUM	CLASS	SPECIES	PARAMETER	METHOD	UNITS	VALUE	REM	
XIF5505	890405	0	13	2139997	SEDIMENT	1	DISCRETE BA				3915241	7620329				
							CHEMCHAR	.			ALDRIN	53	UG/KG	1	L	
							CHEMCHAR	.			TALP-BHC	53	UG/KG	1	L	
							CHEMCHAR	.			YATRAZIN	53	UG/KG	2	L	
							CHEMCHAR	.			TRET-BHC	53	UG/KG	1	L	
							CHEMCHAR	.			TLINDANE	53	UG/KG	1	L	
							CHEMCHAR	.			TCHLDANE	53	UG/KG	10	L	
							CHEMCHAR	.			DDD	53	UG/KG	1	L	
							CHEMCHAR	.			DDE	53	UG/KG	1	L	
							CHEMCHAR	.			TOTALDDT	53	UG/KG	1	L	
							CHEMCHAR	.			TDIAZNON	53	UG/KG	2	L	
							CHEMCHAR	.			TDIELDRN	53	UG/KG	1	L	
							CHEMCHAR	.			TENDRIN	53	UG/KG	1	L	
							CHEMCHAR	.			TETHPAR	53	UG/KG	2	L	
							CHEMCHAR	.			THEPTCHL	53	UG/KG	2	L	
							CHEMCHAR	.			THPTCLEP	53	UG/KG	1	L	
							CHEMCHAR	.			LINURON	53	UG/KG	2	L	
							CHEMCHAR	.			TMALATHN	53	UG/KG	2	L	
							CHEMCHAR	.			TMETHPAR	53	UG/KG	2	L	
							CHEMCHAR	.			TTOXAPHEN	53	UG/KG	10	L	
							CHEMCHAR	.			TRIFLURALINE	53	UG/KG	2	L	
							CHEMCHAR	.			TPCS	53	UG/KG	100	L	
XIF5505	890403	0	13	2139997	SEDIMENT	1	DISCRETE BA				3915241	7620329				
							CHEMCHAR	.			T34F20FL	205	UG/KG	1	L	
							CHEMCHAR	.			TACENPTH	205	UG/KG	1	L	
							CHEMCHAR	.			TBEAZANT	205	UG/KG	1	L	
							CHEMCHAR	.			TRZGHIP	205	UG/KG	2	L	
							CHEMCHAR	.			TCHRYSEN	205	UG/KG	1	L	
							CHEMCHAR	.			TFLUORANT	205	UG/KG	1	L	
							CHEMCHAR	.			INDEN123	205	UG/KG	2	L	
							CHEMCHAR	.			PHENANTH	205	UG/KG	1	L	
							CHEMCHAR	.			TACENAPH	205	UG/KG	1	L	
							CHEMCHAR	.			TANTHRAC	205	UG/KG	1	L	
							CHEMCHAR	.			TBENZPYR	205	UG/KG	1	L	
							CHEMCHAR	.			TBENZFLR	205	UG/KG	2	L	
							CHEMCHAR	.			TDIRZANA	205	UG/KG	2	L	
							CHEMCHAR	.			FLUORENE	205	UG/KG	1	L	
							CHEMCHAR	.			TNAPHTHAL	205	UG/KG	1	L	
							CHEMCHAR	.			TPYRENE	205	UG/KG	1	L	
XIF5505	890403	0	13	2139997	SEDIMENT	1	DISCRETE BA				3915241	7620329				
							CHEMCHAR	.			TRUTBEP	54	UG/KG	1	L	
							CHEMCHAR	.			TDIOCTYL	54	UG/KG	1	L	
							CHEMCHAR	.			TDI2ETHP	54	UG/KG	10	L	
							CHEMCHAR	.			TDIRUPTH	54	UG/KG	1	L	
							CHEMCHAR	.			TDIETPTH	54	UG/KG	1	L	
							CHEMCHAR	.			TDIMEPTH	54	UG/KG	1	L	

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STATION	DATE	TIME	DEPTH	BASIN	MEDIA	SUB	SAMPLE	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE		
			FT		CLASS		METHOD								
							MEDIA	PHYLUM	CLASS	SPECIES	PARAMETER	METHOD	UNITS	VALUE	REM
XIF5925	890403	0	11	2139997	SEDIMENT	1	DISCRETE BA				3915514	7622320			
							CHEMCHAR	.			ALDIFIN	53	UG/KG	1	L
							CHEMCHAR	.			TALP-BMC	53	UG/KG	1	L
							CHEMCHAR	.			TATRAZIN	53	UG/KG	2	L
							CHEMCHAR	.			TBET-BMC	53	UG/KG	1	L
							CHEMCHAR	.			TLINDANE	53	UG/KG	1	L
							CHEMCHAR	.			TCHLDANE	53	UG/KG	10	L
							CHEMCHAR	.			DDD	53	UG/KG	1	L
							CHEMCHAR	.			DOC	53	UG/KG	1	L
							CHEMCHAR	.			TOTALDDT	53	UG/KG	1	L
							CHEMCHAR	.			TDIAZNON	53	UG/KG	2	L
							CHEMCHAR	.			TDICLDRN	53	UG/KG	1	L
							CHEMCHAR	.			TENDRIN	53	UG/KG	1	L
							CHEMCHAR	.			TETHLPAR	53	UG/KG	2	L
							CHEMCHAR	.			THEPTCHL	53	UG/KG	2	L
							CHEMCHAR	.			TMPTCLEP	53	UG/KG	1	L
							CHEMCHAR	.			LINURON	53	UG/KG	2	L
							CHEMCHAR	.			TMALATHR	53	UG/KG	2	L
							CHEMCHAR	.			TMETHPER	53	UG/KG	2	L
							CHEMCHAR	.			TTOXAPHEN	53	UG/KG	10	L
							CHEMCHAR	.			TRIFLURALINE53	53	UG/KG	2	L
							CHEMCHAR	.			TPCRS	53	UG/KG	130	L
XIF5925	890403	0	11	2139997	SEDIMENT	1	DISCRETE BA				3915514	7622320			
							CHEMCHAR	.			T34820FL	205	UG/KG	1	L
							CHEMCHAR	.			TACENPTH	205	UG/KG	1	L
							CHEMCHAR	.			TRENZANT	205	UG/KG	1	L
							CHEMCHAR	.			TBZGHIP	205	UG/KG	2	L
							CHEMCHAR	.			TCHRYSEN	205	UG/KG	1	L
							CHEMCHAR	.			TFLUORANT	205	UG/KG	1	L
							CHEMCHAR	.			INDEN123	205	UG/KG	2	L
							CHEMCHAR	.			PHENANTH	205	UG/KG	1	L
							CHEMCHAR	.			TACENAPH	205	UG/KG	1	L
							CHEMCHAR	.			TANTHRAC	205	UG/KG	1	L
							CHEMCHAR	.			TBENZPYR	205	UG/KG	1	L
							CHEMCHAR	.			TBENZFLR	205	UG/KG	2	L
							CHEMCHAR	.			TDIBZAH	205	UG/KG	2	L
							CHEMCHAR	.			FLUORENE	205	UG/KG	1	L
							CHEMCHAR	.			TNAPHTHAL	205	UG/KG	1	L
							CHEMCHAR	.			TPYRENE	205	UG/KG	1	L
XIF5925	890403	0	11	2139997	SEDIMENT	1	DISCRETE BA				3915514	7622320			
							CHEMCHAR	.			TRUTBEP	54	UG/KG	1	L
							CHEMCHAR	.			TDIOCTYL	54	UG/KG	1	L
							CHEMCHAR	.			TDI2ETHP	54	UG/KG	10	L
							CHEMCHAR	.			TDIBUPTH	54	UG/KG	1	L
							CHEMCHAR	.			TDI2TPTH	54	UG/KG	1	L
							CHEMCHAR	.			TDIMEPTH	54	UG/KG	1	L

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STATION	DATE	TIME	DEPTH FT	BASIN	MEDIA CLASS	SUB	SAMPLE METHOD	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE					
XIF4642	890403	0	11	2139997	SEDIMENT	1	DISCRETE BA				3914350	7624115						
							CHEMCHAR	.				ALDRIN	53	UG/KG	1			L
							CHEMCHAR	.				TALP-BHC	53	UG/KG	1			L
							CHEMCHAR	.				TATRAZIN	53	UG/KG	2			L
							CHEMCHAR	.				TRET-BHC	53	UG/KG	1			L
							CHEMCHAR	.				TLINDANE	53	UG/KG	1			L
							CHEMCHAR	.				TCHLDANE	53	UG/KG	10			L
							CHEMCHAR	.				DDD	53	UG/KG	1			L
							CHEMCHAR	.				DDE	53	UG/KG	1			L
							CHEMCHAR	.				TOTALDDT	53	UG/KG	1			L
							CHEMCHAR	.				TDIAZNON	53	UG/KG	2			L
							CHEMCHAR	.				TDIELDRN	53	UG/KG	1			L
							CHEMCHAR	.				TENDRIN	53	UG/KG	1			L
							CHEMCHAR	.				TETHLPAR	53	UG/KG	2			L
							CHEMCHAR	.				THEPTCHL	53	UG/KG	2			L
							CHEMCHAR	.				THPTCLEP	53	UG/KG	1			L
							CHEMCHAR	.				LINURON	53	UG/KG	2			L
							CHEMCHAR	.				TMALATHN	53	UG/KG	2			L
							CHEMCHAR	.				TMETHPAR	53	UG/KG	2			L
							CHEMCHAR	.				TTOXAPHEN	53	UG/KG	10			L
							CHEMCHAR	.				TRIFLURALINE	53	UG/KG	2			L
							CHEMCHAR	.				TPCRS	53	UG/KG	100			L
XIF4642	890403	0	11	2139997	SEDIMENT	1	DISCRETE BA				3914350	7624115						
							CHEMCHAR	.				T34RZOFL	205	UG/KG	1			L
							CHEMCHAR	.				TACENPTH	205	UG/KG	1			L
							CHEMCHAR	.				TBENZANT	205	UG/KG	1			L
							CHEMCHAR	.				TRZGHIP	205	UG/KG	2			L
							CHEMCHAR	.				TCRRYSEN	205	UG/KG	1			L
							CHEMCHAR	.				TFLUORANT	205	UG/KG	1			L
							CHEMCHAR	.				INDEN123	205	UG/KG	2			L
							CHEMCHAR	.				PHENANTH	205	UG/KG	1			L
							CHEMCHAR	.				TACENAPH	205	UG/KG	1			L
							CHEMCHAR	.				TANTHRAC	205	UG/KG	1			L
							CHEMCHAR	.				TRENZPYR	205	UG/KG	1			L
							CHEMCHAR	.				TBENZFLR	205	UG/KG	2			L
							CHEMCHAR	.				TDIBZAH	205	UG/KG	2			L
							CHEMCHAR	.				FLUORENE	205	UG/KG	1			L
							CHEMCHAR	.				TNAPHTHAL	205	UG/KG	1			L
							CHEMCHAR	.				TPYRENE	205	UG/KG	1			L
XIF4642	890403	0	11	2139997	SEDIMENT	1	DISCRETE BA				3914350	7624115						
							CHEMCHAR	.				TBUTBEP	54	UG/KG	1			L
							CHEMCHAR	.				TDIOCTYL	54	UG/KG	1			L
							CHEMCHAR	.				TDI2ETRP	54	UG/KG	10			L
							CHEMCHAR	.				TDIBUPTH	54	UG/KG	1			L
							CHEMCHAR	.				TDIETPTH	54	UG/KG	1			L
							CHEMCHAR	.				TDIMEPTH	54	UG/KG	1			L

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Ref. No. (UMCEES)CBL 90-002

The Continuing State Assessment of the Environmental  
Impacts of Operation of the  
Hart and Miller Islands Containment Facility

Eighth Annual Data Report

Benthic Monitoring Studies - Project III  
December 1988-August 1989

Submitted to

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

Prepared by

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January 1990

Eighth Year - Data from Benthic Monitoring Studies

December 1988-August 1989

This report contains the data collected under the eighth year Benthic Monitoring Project (Project III) of the Hart and 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 1-2, 1988, April 10-11, 1989, and August 7-8, 1989.

On the December cruise all eighteen stations, as illustrated in Figures 1 (Chesapeake Biological Lab - Designations) and 2 (State Station Numbers) were sampled, however on the April and August cruises we were unable to reach station R1 due to shoaling in this area. The five stations with the HM prefix (CBL #) are benthic infauna stations. The five stations with the S prefix (CBL #) are surface water stations. The five stations with the R prefix (CBL #) are nearfield stations. The five stations with the HM prefix (CBL #) consist of five stations around the island and five stations southwest of the island.

The benthic samples (S- CBL designations) were obtained with a  $0.05 \text{ m}^2$  Ponar grab. Three replicates 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,

Ponar Dredge Sampler

$230 \text{ m} \times 230 \text{ m}$

Calculates to

$0.0529 \text{ m}^2$

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 the containment facility. 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 five 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). Surface temperature and salinity from water collected through the ships (through hull seawater) pumping system were determined with a mercury thermometer (+ or - 1 °C) and a hand-held Goldberg AO refractometer (+ or - 1 o/oo) and are presented in Table 2 for the various stations on the different sampling dates. The species and numbers



of fish collected in five minute trawls at four trawl sites (see Figure 3) are presented in Tables IIIA-C. The trawl sites are: F1- the Hawk cove area - state station #XIF5725; F2 - the northeast side of the dike - state station #XIF5704; F3- southeast side of the dike - state station #XIF4516; F4- Black Marsh area - state station #XIF2743.

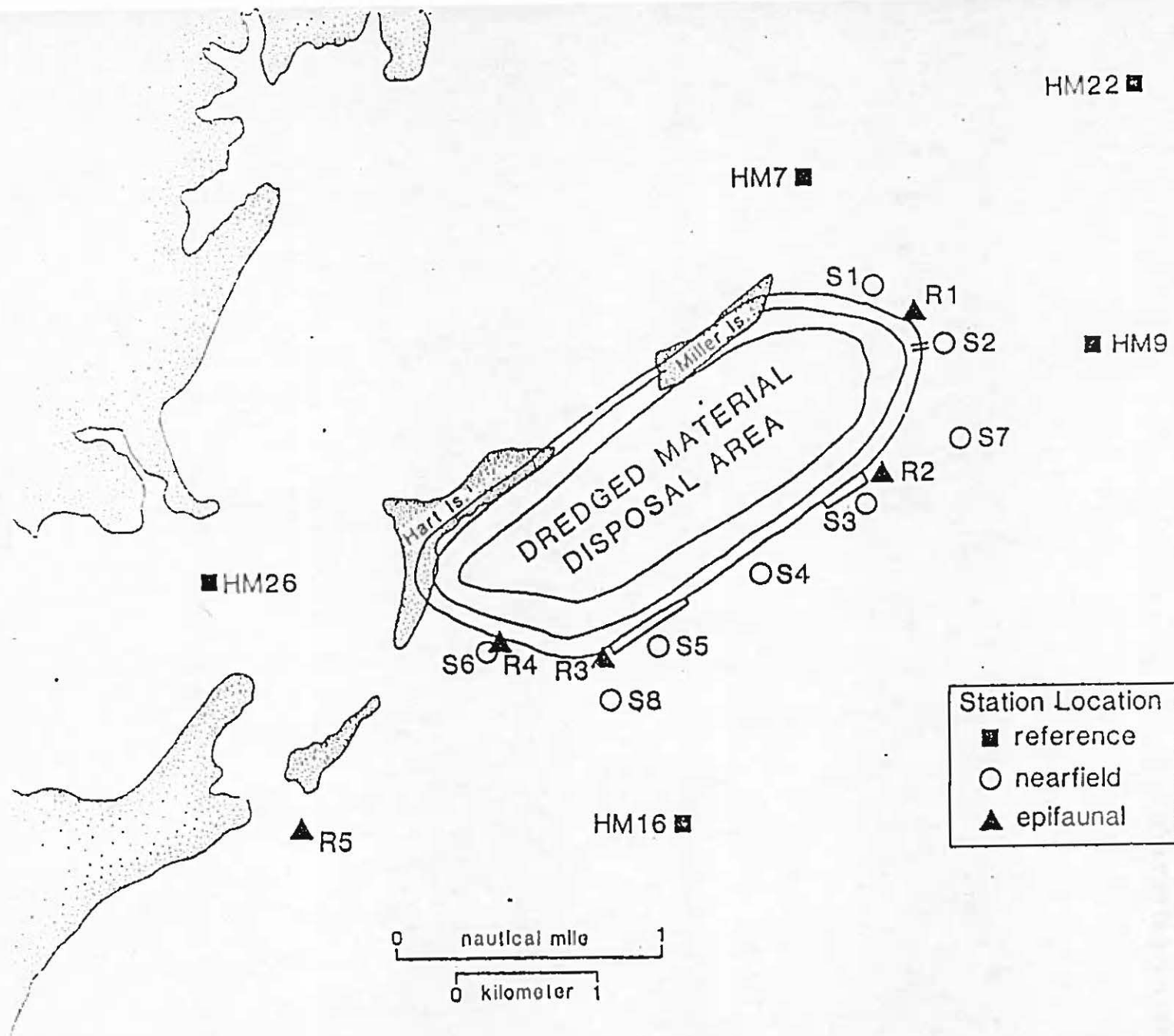


Figure 1: Benthic infaunal and epifaunal sampling station locations at the Hart-Miller Island containment facility. University of Maryland, Chesapeake Biological Lab designations.

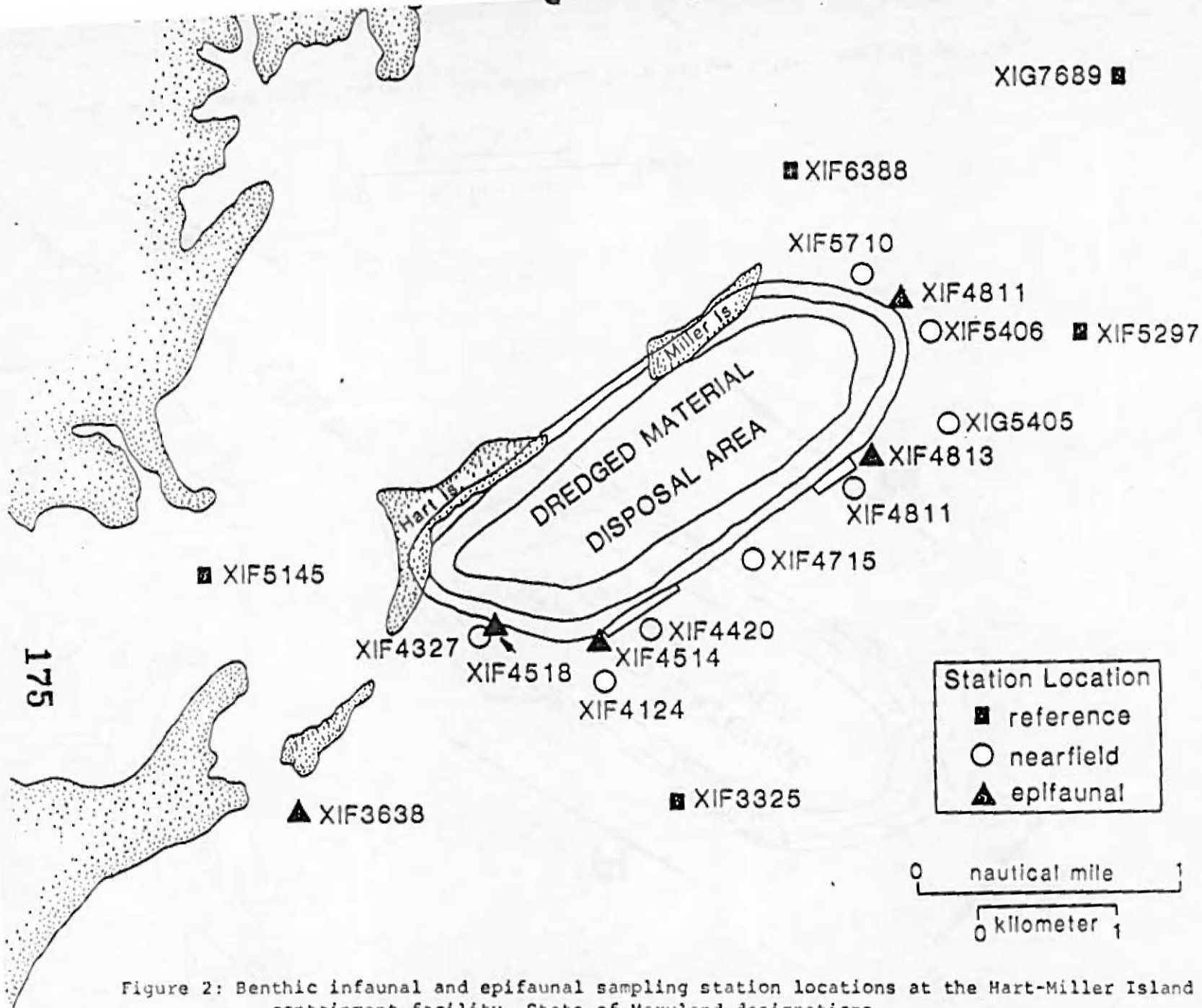


Figure 2: Benthic infaunal and epifaunal sampling station locations at the Hart-Miller Island containment facility. State of Maryland designations.

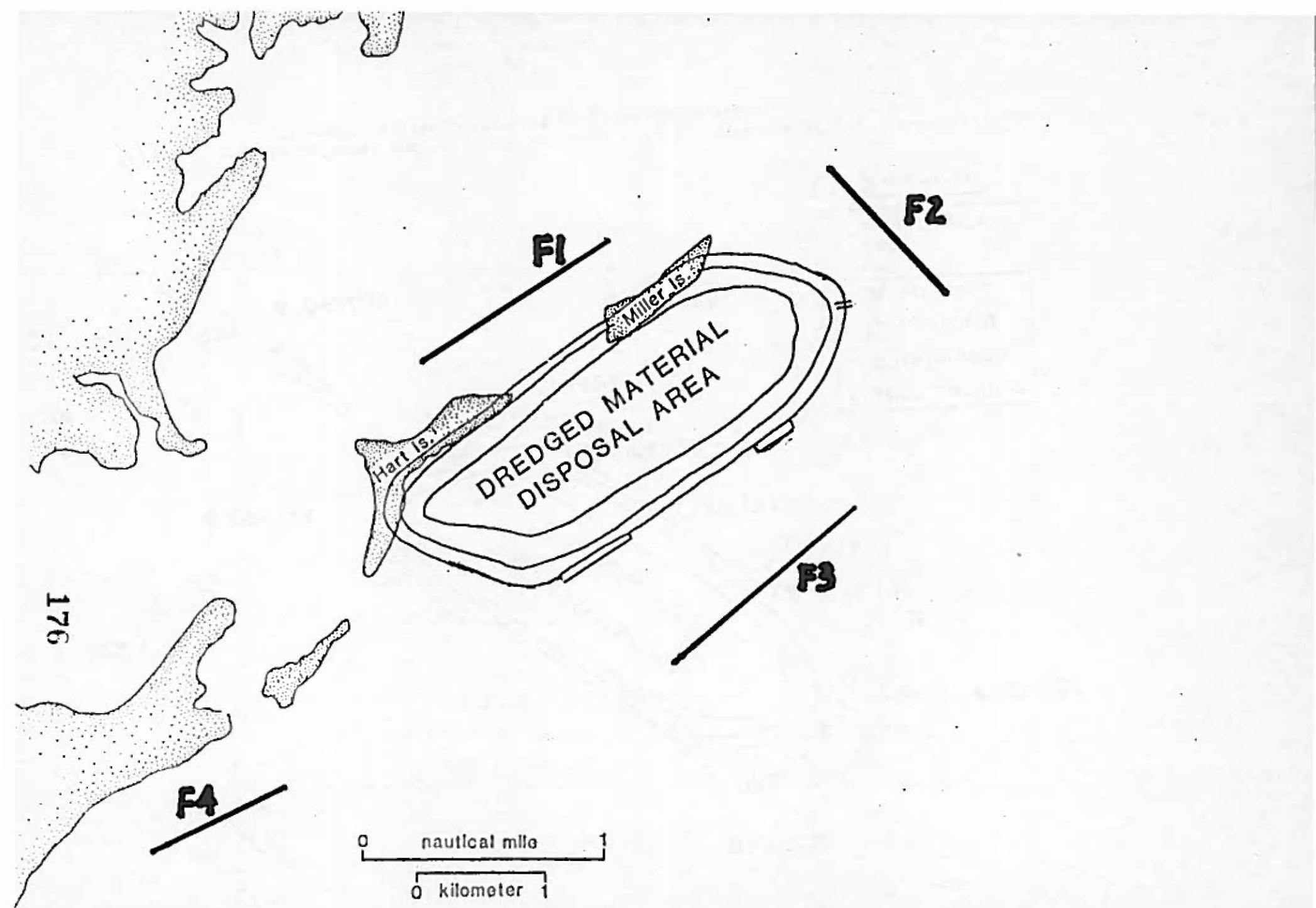


Figure 3: Fish trawling station locations at the Hart-Miller Island containment facility.

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. thunderstorm
- blank, not recorded

TABLE II: SALINITY (SAL. IN O/00) AND TEMPERATURE (TEMP. IN °C) DATA FOR THE BENTHIC SAMPLING STATIONS ON THE DIFFERENT COLLECTION DATES.

CBL STA. NO.	STATE STA. NO.	DEC 88		APR 89		AUG 89	
		SAL.	TEMP.	SAL.	TEMP.	SAL.	TEMP.
R1	XIF4811	4	8.5	Not Recorded		Not Recorded	
R2	XIF4813	2	8.5	"		"	
R3	XIF4514	2	8.5	"		"	
R4	XIF4518	2	8.5	"		"	
R5	XIF3638	2	8.5	"		"	
S1	XIF5710	2	8.5	0	9.5	1	26.5
S2	XIF5406	6	8.5	0	10.	2	27.
S3	XIF4811	3	8.5	0	10.	3	27.
S4	XIF4715	3	8.5	0	10.	3	26.5
S5	XIF4420	3	8.5	0	10.	3	27.0
S6	XIF4327	3	8.5	0	10.	3	27.0
S7	XIG5405	4	8.5	0	10.	2	27.0
S8	XIF4124	3	8.5	0	10.	3	27.0
HM7	XIF6388	2	8.5	0	9.5	2	26.5
HM9	XIF5297	3	8.5	0	9.5	1	26.5
HM16	XIF3325	6	8.5	0	9.5	3	27.
HM22	XIG7689	0	8.5	0	9.5	1	26.5
HM26	XIF5145	2	8.5	0	9.5	3	26.5

TABLE IIIA: Species and number of fish collected in a five minute trawl in December 1988.

DECEMBER 1988

STATION	F1	F2	F3	F4
SPECIES OF FISH				
ANCHOVY		13	11	250
CATFISH				
HOGCHOKER				
MENHADEN		2	8	382
PUMPKINSEED				
ROCKFISH				
SPOT	10	104	4	190
WHITE PERCH	4		4	4
YELLOW PERCH		16		

TABLE IIIB: Species and number of fish collected in a five minute fish trawl in April 1989.

APRIL 1989				
STATION	F1	F2	F3	F4
SPECIES OF FISH				
ANCHOVY				1
CATFISH	26	5		
HOGCHOKER		1	5	23
MENHADEN	3			3
PUMPKINSEED				
ROCKFISH				2
SPOT				
WHITE PERCH	53	5	10	63
YELLOW PERCH	14			



TABLE IIIC: Species and number of fish collected in a five minute trawl in August 1989.

AUGUST 1989

STATION	F1	F2	F3	F4
SPECIES OF FISH				
ANCHOVY	1			
CATFISH	8	1		1
HOGCHOKER	26	7	24	23
MENHADEN				
PUMPKINSEED	1			
ROCKFISH				
SPOT	80	63	35	100
WHITE PERCH	40			
YELLOW PERCH	2			

SAMPLING STATION NO.	DATE					TIME OF SAMPLE	DEPTH	BASIN SEGMENT			MEDIA CLASS	SUB CODE	METHOD	COUNTY	TIDAL FREQ.	WATER TEMP.	R. TEMP.							
	Y	M	M	D	D	HR		1	2	3														
XJF5710	8	8	1	2	0	11440	06	0	2	1	3	9	9	9	7	7	0	0	1	1	BA	-	0	1

S1 Dec '88

LATITUDE					LONGITUDE					SEQUENCE NUMBER		
D	M	M	S	S	D	M	M	S	S	1	2	
3	9	1	5	39	0	7	6	2	0	5	7	1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE			REMARKS	SEQUENCE NUMBER
								GRAB 1	GRAB 2	GRAB 3		
1	70	03303	02802	900640003							D. leucolen	2
2	70	04001	00202	900640003						002	M. leidy	2
3	70	04801	00302	900640003			010	011	032		H. filiform	2
5	70	04801	00402	900640003							N. succinea	2
6	70	04809	00102	900640003							S. fragilis	2
7	70	04801	03802	900640003							P. gouldi	2
8	70	04801	01702	900640003							E. heteropo	2
9	70	04801	05702	900640003			027	018	018		P. ligni	2
10	70	04801	00502	900640003			006	003	006		S. viridis	2
11	70	04801	01802	900640003			010	000	010		S. benedict	2
12	70	04801	03902	900640003							H. grayi	2
13	70	04802	02902	900640003					001		L. hoffmeis	2
14	70	04802	02302	900640003			063	050	028		P. tubifici	2
15	70	04801	00702	900640003							C. capitata	2
16	70	04905	00602	900640003							I. recurvus	2
17	70	04905	00702	900640003							C. leucopha	2
19	70	04905	00902	900640003							M. baithica	2
20	70	04905	01002	900640003				001			M. mitchell	2
21	70	04905	00802	900640003			051	022	064		R. cuneata	2
22	70	04905	03202	900640003							M. arenaria	2
27	70	05307	01102	900640003							B. improvis	2
28	70	05307	01202	900640003							B. subalbid	2
29	70	05314	05402	900640003							L. american	2
30	70	05316	01202	900640003			006	002	002		C. polita	2
31	70	05316	03002	900640003							C. lunifron	2
33	70	05316	02402	900640003					001		E. triloba	2
35	70	05317	00302	900640003							G. palustri	2
36	70	05317	01602	900640003							L. plumosus	2
37	70	05317	01302	900640003			001	001	003		C. lacustre	2
38	70	05317	03302	900640003							G. daiberi	2
39	70	05317	02002	900640003							G. tigrinus	2
40	70	05317	02202	900640003							M. nitida	2
41	70	05316	02102	900640003							C. almyra	2
42	70	05317	02502	900640003							M. edwardsi	2
43	70	05424	00102	900640003							C. species	2
44	70	05319	01402	900640003							R. harrisi	2
	70			02900640003								2

SAMPLING STATION NO.	DATE					TIME OF SAMPLE	DEPTH	BASIN SEGMENT	MEDIA CLASS	SUB CODE	METHOD	COUNTY	TIDE	WEATH.	WIND
	Y	M	M	D	D										
XLF5406	8	8	1	2	0	1305	12	02	13	99	97	7	0	0	1

S 2 Dec. 88

LATITUDE					LONGITUDE					SEQUENCE NUMBER			
D	M	M	S	S	D	D	M	M	S	S			
3	9	1	5	25	0	7	6	2	0	35			1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE			REMARKS	SEQUENCE	NUMBER	
								GRAB 1	GRAB 2	GRAB 3				
1	70	033	03	0280290	064003							D. leucolen		2
2	70	040	01	0020290	064003	001				001		M. leidy		2
3	70	048	01	0030290	064003	002		003				H. filiform		2
5	70	048	01	0040290	064003	006		004		009		N. succinea		2
6	70	048	09	0010290	064003							S. fragilis		2
7	70	048	01	0380290	064003							P. gouldi		2
8	70	048	01	0170290	064003							E. heteropo		2
9	70	048	01	0570290	064003	025		004		011		P. ligni		2
10	70	048	01	0050290	064003							S. viridis		2
11	70	048	01	0180290	064003	022		017		014		S. benedict		2
12	70	048	01	0390290	064003							H. grayi		2
13	70	048	02	0290290	064003	006		003		009		L. hoffmeis		2
14	70	048	02	0230290	064003							P. tubifici		2
15	70	048	01	0070290	064003							C. capitata		2
16	70	049	05	0060290	064003	001		001		001		I. recurvus		2
17	70	049	05	0070290	064003							C. leucopha		2
19	70	049	05	0090290	064003							M. balthica		2
20	70	049	05	0100290	064003							M. mitchell		2
21	70	049	05	0080290	064003			001				R. cuneata		2
22	70	049	05	0320290	064003							M. arenaria		2
27	70	053	07	0110290	064003	011		004		010		B. improvis		2
28	70	053	07	0120290	064003	004		002		001		B. subalbid		2
29	70	053	14	0540290	064003							L. american		2
30	70	053	16	0120290	064003	001						C. polita		2
31	70	053	16	0300290	064003	004		001		003		C. lunifron		2
33	70	053	16	0240290	064003							E. triloba		2
35	70	053	17	0030290	064003							G. palustri		2
36	70	053	17	0160290	064003							L. plumosus		2
37	70	053	17	0130290	064003	002		003		003		C. lacustre		2
38	70	053	17	0330290	064003							G. daiberi		2
39	70	053	17	0200290	064003							G. tigrinus		2
40	70	053	17	0220290	064003							M. nitida		2
41	70	053	16	0210290	064003							C. almyra		2
42	70	053	17	0250290	064003							M. edwardsi		2
43	70	054	24	0010290	064003							C. species		2
44	70	053	19	0140290	064003	006		002		002		R. harrisi		2
	70			0290	064003									2

SAMPLING STATION NO.	DATE					TIME OF SAMPLE	DEPTH	BASIN SEGMENT							MEDIA	CLASS	SUBCODE	METHOD	COUNTY	TIDE	WEATH.	REPT.	
	Y	M	M	D	D			1	2	3	4	5	6	7									8
XIP4841	88	12	04	12	45	15	50	2	1	3	9	9	7	7	0	0	1	1		BA	-	D	1

S3 Dec. '88

LATITUDE					LONGITUDE					SEQUENCE NUMBER													
D	D	M	S	S	D	D	M	S	S														
3	9	1	4	50	0	7	6	21	07														1

RESOURCE MONITORING DATA SHEET

SHEET #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE			REMARKS	SEQUENCE NUMBER		
								GRAB 1	GRAB 2	GRAB 3				
1	7003303028	0290064003										D. leucolen	2	
2	7004001002	0290064003	009					042				M. leidy	2	
3	7004801003	0290064003	028					048	020			H. filiform	2	
5	7004801004	0290064003										N. succinea	2	
6	7004809001	0290064003										S. fragilis	2	
7	7004801038	0290064003										P. gouldi	2	
8	7004801017	0290064003										E. heteropo	2	
9	7004801057	0290064003	002									P. ligni	2	
10	7004801005	0290064003	006					001				S. viridis	2	
11	7004801018	0290064003	017					001				S. benedict	2	
12	7004801039	0290064003										H. grayi	2	
13	7004802029	0290064003										L. hoffmeis	2	
14	7004802023	0290064003	016					005	031			P. tubifici	2	
15	7004801007	0290064003										C. capitata	2	
16	7004905006	0290064003										I. recurvus	2	
17	7004905007	0290064003										C. leucopha	2	
19	7004905009	0290064003	002						004			M. balthica	2	
20	7004905010	0290064003						001	001			M. mitchell	2	
21	7004905008	0290064003	001					001				R. cuneata	2	
22	7004905032	0290064003										M. arenaria	2	
27	7005307011	0290064003										B. improvis	2	
28	7005307012	0290064003										B. subalbid	2	
29	7005314054	0290064003										L. american	2	
30	7005316012	0290064003										C. polita	2	
31	7005316030	0290064003	006					002	002			C. lunifron	2	
33	7005316024	0290064003	001									E. triloba	2	
35	7005317003	0290064003										G. palustri	2	
36	7005317016	0290064003										L. plumosus	2	
37	7005317013	0290064003	001									C. lacustre	2	
38	7005317033	0290064003										G. daiberi	2	
39	7005317020	0290064003										G. tigrinus	2	
40	7005317022	0290064003										M. nitida	2	
41	7005316021	0290064003										C. almyra	2	
42	7005317025	0290064003										M. edwardsi	2	
43	7005424001	0290064003										C. species	2	
44	7005319014	0290064003										R. harrisi	2	
	70													2

SAMPLING STATION NO.	DATE				TIME OF SAMPLE	DEPTH	BASIN SEGMENT	MEDIA CLASS CODE	METHOD	COUNTY	TIDE	WEATH.	REPT.
	Y	M	D	D									
XIF4716	8	8	12	01	121013	02139997700	11			BA		01	

S4 Dec '88

LATITUDE					LONGITUDE					SEQUENCE NUMBER			
D	M	M	S	S	D	D	M	M	S	S			
3	9	1	4	40	0	7	6	2	1	28			1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE			REMARKS	SEQUENCE	NUMBER	
								GRAB 1	GRAB 2	GRAB 3				
1	7003303028	02900640003										D. leucolen		2
2	7004001002	02900640003	002					002	003			M. leidy		2
3	7004801003	02900640003	018					015	007			H. filiform		2
5	7004801004	02900640003							002			N. succinea		2
6	7004809001	02900640003										S. fragilis		2
7	7004801038	02900640003										P. gouldi		2
8	7004801017	02900640003										E. heteropo		2
9	7004801057	02900640003										P. ligni		2
10	7004801005	02900640003	014					003	008			S. viridis		2
11	7004801018	02900640003	001					006	002			S. benedict		2
12	7004801039	02900640003										H. grayi		2
13	7004802029	02900640003										L. hoffmeis		2
14	7004802023	02900640003	046					033	004			P. tubifici		2
15	7004801007	02900640003										C. capitata		2
16	7004905006	02900640003										I. recurvus		2
17	7004905007	02900640003										C. leucopha		2
19	7004905009	02900640003	014					015	008			M. balthica		2
20	7004905010	02900640003	002					002	001			M. mitchell		2
21	7004905008	02900640003	003					001	003			R. cuneata		2
22	7004905032	02900640003										M. arenaria		2
27	7005307011	02900640003										B. improvis		2
28	7005307012	02900640003										B. subalbid		2
29	7005314054	02900640003										L. american		2
30	7005316012	02900640003	009					009	001			C. polita		2
31	7005316030	02900640003										C. lunifron		2
33	7005316024	02900640003										E. triloba		2
35	7005317003	02900640003										G. palustri		2
36	7005317016	02900640003										L. plumosus		2
37	7005317013	02900640003										C. lacustre		2
38	7005317033	02900640003										G. daiberi		2
39	7005317020	02900640003										G. tigrinus		2
40	7005317022	02900640003										M. nitida		2
41	7005316021	02900640003										C. almyra		2
42	7005317025	02900640003										M. edwardsi		2
43	7005424001	02900640003										C. species		2
44	7005319014	02900640003						001				R. harrisi		2
	70													2

5/5/83  
OK

SAMPLING STATION NO.	DATE					TIME OF SAMPLE	DEPTH .	BASIN SEGMENT	MEDIA CLASS	SUB CODE	METHOD	COUNTY	TIDE	WEATH.	REPT.											
	Y	M	M	D	D																					
XIF4420	8	8	1	2	0	11	4	3	8	0	2	1	3	9	9	7	7	0	0	1	1	B	A	-	0	1

S5 Dec. '88

LATITUDE					LONGITUDE					SEQUENCE NUMBER			
D	M	M	S	S	D	D	M	M	S	S			
3	9	1	4	23	0	7	6	2	2	0			1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE			REMARKS	SEQUENCE	NUMBER	
								GRAB 1	GRAB 2	GRAB 3				
1	70	03303	0280290	064003								D. leucolen		2
2	70	04001	0020290	064003					002	002		M. leidy		2
3	70	04801	0030290	064003				015	001	005		H. filiform		2
5	70	04801	0040290	064003								N. succinea		2
6	70	04809	0010290	064003								S. fragilis		2
7	70	04801	0380290	064003								P. gouldi		2
8	70	04801	0170290	064003				001				E. heteropo		2
9	70	04801	0570290	064003				003				P. ligni		2
10	70	04801	0050290	064003				003	004	002		S. viridis		2
11	70	04801	0180290	064003				009	001	011		S. benedict		2
12	70	04801	0390290	064003								H. grayi		2
13	70	04802	0290290	064003								L. hoffma		2
14	70	04802	0230290	064003				033		034		P. tubifici		2
15	70	04801	0070290	064003								C. capitata		2
16	70	04905	0060290	064003								I. recurvus		2
17	70	04905	0070290	064003								C. leucopha		2
19	70	04905	0090290	064003				004	001	004		M. balthica		2
20	70	04905	0100290	064003						001		M. mitchell		2
21	70	04905	0080290	064003				004	001	003		R. cuneata		2
22	70	04905	0320290	064003								M. arenaria		2
27	70	05307	0110290	064003								B. improvis		2
28	70	05307	0120290	064003								B. subalbid		2
29	70	05314	0540290	064003								L. american		2
30	70	05316	0120290	064003				010	008	007		C. polita		2
31	70	05316	0300290	064003								C. lunifron		2
33	70	05316	0240290	064003								E. triloba		2
35	70	05317	0030290	064003								G. palustri		2
36	70	05317	0160290	064003				006	016	004		L. plumosos		2
37	70	05317	0130290	064003								C. lacustre		2
38	70	05317	0330290	064003								G. daiberi		2
39	70	05317	0200290	064003								G. tigrinus		2
40	70	05317	0220290	064003								M. nitida		2
41	70	05316	0210290	064003								C. almyra		2
42	70	05317	0250290	064003								M. edwardsi		2
43	70	05424	0010290	064003								C. species		2
44	70	05319	0140290	064003								R. harrisi		2
	70													2

5/9/03  
 Malchos  
 E file  
 Differs with  
 Abundance Table.  
 in I R, see p9  
 161-A

SAMPLING STATION NO.	DATE					TIME OF SAMPLE	DEPTH	BASIN SEGMENT	MEDIA CLASS SUB CODE	METHOD	COUNTY	TIDE	WEATHER	REMARKS
	Y	M	M	D	D									
XI FA 324	8	8	1	2	0	11 05	09	02 13 99 97	70 01 1		BA	-	C1	

56

LATITUDE					LONGITUDE					SEQUENCE NUMBER		
D	M	M	S	S	D	D	M	M	S	S		
3	9	1	4	7	0	7	6	2	2	41		1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE			REMARKS	SEQUENCE NUMBER
								GRAB 1	GRAB 2	GRAB 3		
1	70	033	03	028	0290	064	003				D. leucolen	2
2	70	040	01	002	0290	064	003	002	004		M. leidy	2
3	70	048	01	003	0290	064	003	026	014	018	H. filiform	2
5	70	048	01	004	0290	064	003		001	003	N. succinea	2
6	70	048	09	001	0290	064	003				S. fragilis	2
7	70	048	01	038	0290	064	003				P. gouldi	2
8	70	048	01	017	0290	064	003				E. heteropo	2
9	70	048	01	057	0290	064	003				P. ligni	2
10	70	048	01	005	0290	064	003	022	013	005	S. viridis	2
11	70	048	01	018	0290	064	003	007	016	002	S. benedict	2
12	70	048	01	039	0290	064	003				H. grayi	2
13	70	048	02	029	0290	064	003				L. hoffmeis	2
14	70	048	02	023	0290	064	003	236	329	206	P. tubifici	2
15	70	048	01	007	0290	064	003				C. capitata	2
16	70	049	05	006	0290	064	003				I. recurvus	2
17	70	049	05	007	0290	064	003				C. leucopha	2
19	70	049	05	009	0290	064	003		001	001	M. balthica	2
20	70	049	05	010	0290	064	003			002	M. mitchell	2
21	70	049	05	008	0290	064	003				R. cuneata	2
22	70	049	05	032	0290	064	003				M. arenaria	2
27	70	053	07	011	0290	064	003				B. improvis	2
28	70	053	07	012	0290	064	003				B. subalbid	2
29	70	053	14	054	0290	064	003				L. american	2
30	70	053	16	012	0290	064	003	007	008	006	C. polita	2
31	70	053	16	030	0290	064	003				C. lunifron	2
33	70	053	16	024	0290	064	003				E. triloba	2
35	70	053	17	003	0290	064	003				G. palustri	2
36	70	053	17	016	0290	064	003				L. plumosus	2
37	70	053	17	013	0290	064	003	001	002		C. lacustre	2
38	70	053	17	033	0290	064	003				G. daiberi	2
39	70	053	17	020	0290	064	003				G. tigrinus	2
40	70	053	17	022	0290	064	003				M. nitida	2
41	70	053	16	021	0290	064	003				C. almyra	2
42	70	053	17	025	0290	064	003				M. edwardsi	2
43	70	054	24	001	0290	064	003				C. species	2
44	70	053	19	014	0290	064	003				R. harrisi	2
	70				0290	064	003					2

SAMPLING STATION NO.	DATE					TIME OF SAMPLE	DEPTH FT.	BASIN SEGMENT	MEDIA CLASS	SUB CODE	METHOD	COUNTY	TIDAL WEATH.	RESULTS
	Y	M	M	D	D									
XI 65405	8	8	1	2	0	1	350	11	02139997	70	011	BA	0	1

S7

LATITUDE					LONGITUDE					SEQUENCE NUMBER		
D	M	M	S	S	D	D	M	M	S	S		
3	9	1	5	23	0	7	6	2	0	28		1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	GRAB 1	VALUE			REMARKS	SEQUENCE NUMBER	
									GRAB 2	GRAB 3				
1	70	033	03	028	0290	064	003					D. leucolen	2	
2	70	040	01	002	0290	064	003					M. leidy	2	
3	70	048	01	003	0290	064	003	012	007	044		H. filiform	2	
5	70	048	01	004	0290	064	003	010	003	011		N. succinea	2	
6	70	048	09	001	0290	064	003					S. fragilis	2	
7	70	048	01	038	0290	064	003					P. gouldi	2	
8	70	048	01	017	0290	064	003					E. heteropo	2	
9	70	048	01	057	0290	064	003	003	002	005		P. ligni	2	
10	70	048	01	005	0290	064	003			002		S. viridis	2	
11	70	048	01	018	0290	064	003	036	019	019		S. benedict	2	
12	70	048	01	039	0290	064	003					H. grayi	2	
13	70	048	02	029	0290	064	003					L. hoffmeis	2	
14	70	048	02	023	0290	064	003	019	002			P. tubifici	2	
15	70	048	01	007	0290	064	003					C. capitata	2	
16	70	049	05	006	0290	064	003	001		001		I. recurvus	2	
17	70	049	05	007	0290	064	003	001	001	001		C. leucopha	2	
19	70	049	05	009	0290	064	003					M. balthica	2	
20	70	049	05	010	0290	064	003					M. mitchell	2	
21	70	049	05	008	0290	064	003					R. cuneata	2	
22	70	049	05	032	0290	064	003					M. arenaria	2	
27	70	053	07	011	0290	064	003	014	008	012		B. improvis	2	
28	70	053	07	012	0290	064	003			004		B. subalbid	2	
29	70	053	14	054	0290	064	003					L. american	2	
30	70	053	16	012	0290	064	003	003		001		C. polita	2	
31	70	053	16	030	0290	064	003	001	002	002		C. lunifron	2	
33	70	053	16	024	0290	064	003					E. triloba	2	
35	70	053	17	003	0290	064	003					G. palustri	2	
36	70	053	17	016	0290	064	003					L. plumos	2	
37	70	053	17	013	0290	064	003	002	001	003		C. lacustre	2	
38	70	053	17	033	0290	064	003					G. daiberi	2	
39	70	053	17	020	0290	064	003					G. tigrinus	2	
40	70	053	17	022	0290	064	003					M. nitida	2	
41	70	053	16	021	0290	064	003					C. almyra	2	
42	70	053	17	025	0290	064	003					M. edwardsi	2	
43	70	054	24	001	0290	064	003					C. species	2	
44	70	053	19	014	0290	064	003	001	002	002		R. harrisi	2	
	70				0290	064	003							2



SAMPLING STATION NO.	DATE					TIME OF SAMPLE	DEPTH	BASIN SEGMENT	MEDIA CLASS	SUB CODE	METHOD	COUNTY	FIELD	WEATH.	DEPTH
	Y	M	D	D	D										
XIF4124	8	8	1	2	0	11	26	13	02	13	99	97	70	01	1

58

LATITUDE					LONGITUDE					SEQUENCE NUMBER			
D	D	M	M	S	D	D	M	M	S				
3	9	1	4	0	8	0	7	6	2	2	2	4	1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE			REMARKS	SEQUENCE NUMBER
								GRAB 1	GRAB 2	GRAB 3		
1	70	033	03	028	0290	064	003				D. leucolen	2
2	70	040	01	002	0290	064	003	001	004	002	M. leidy	2
3	70	048	01	003	0290	064	003	004	005	003	H. filiform	2
5	70	048	01	004	0290	064	003			001	N. succinea	2
6	70	048	09	001	0290	064	003				S. fragilis	2
7	70	048	01	038	0290	064	003				P. gouldi	2
8	70	048	01	017	0290	064	003				E. heteropo	2
9	70	048	01	057	0290	064	003	001	002	003	P. ligni	2
10	70	048	01	005	0290	064	003	006	010	007	S. viridis	2
11	70	048	01	018	0290	064	003	002	003	002	S. benedict	2
12	70	048	01	039	0290	064	003				H. grayi	2
13	70	048	02	029	0290	064	003				L. hoffmeis	2
14	70	048	02	023	0290	064	003	007	001		P. tubifici	2
15	70	048	01	007	0290	064	003				C. capitata	2
16	70	049	05	006	0290	064	003				I. recurvus	2
17	70	049	05	007	0290	064	003				C. leucopha	2
19	70	049	05	009	0290	064	003				M. balthica	2
20	70	049	05	010	0290	064	003				M. mitchell	2
21	70	049	05	008	0290	064	003				R. cuneata	2
22	70	049	05	032	0290	064	003				M. arenaria	2
27	70	053	07	011	0290	064	003				B. improvis	2
28	70	053	07	012	0290	064	003				B. subalbid	2
29	70	053	14	054	0290	064	003				L. american	2
30	70	053	16	012	0290	064	003	003	004	004	C. polita	2
31	70	053	16	030	0290	064	003				C. lunifron	2
33	70	053	16	024	0290	064	003				E. triloba	2
35	70	053	17	003	0290	064	003				G. palustri	2
36	70	053	17	016	0290	064	003				L. plumosus	2
37	70	053	17	013	0290	064	003		002	004	C. lacustre	2
38	70	053	17	033	0290	064	003				G. daiberi	2
39	70	053	17	020	0290	064	003				G. tigrinus	2
40	70	053	17	022	0290	064	003				M. nitida	2
41	70	053	16	021	0290	064	003				C. almyra	2
42	70	053	17	025	0290	064	003				M. edwardsi	2
43	70	054	24	001	0290	064	003				C. species	2
44	70	053	19	014	0290	064	003				R. harrisi	2
	70				0290	064	003					2

5/19/03  
checked  
difference noted  
in E file

SAMPLING STATION NO.	DATE				TIME OF SAMPLE	DEPTH FT.	BASIN SEGMENT	MEDIA CLASS SUB CODE	METHOD	COUNTY	TIDE	WEATHER	REMARKS								
	Y	M	D	D																	
XIF63881	8	8	1	2	01	11	02	13	9	9	7	7	0	0	1	1	B	A	-	C	1

HM 7

LATITUDE					LONGITUDE					SEQUENCE NUMBER				
D	D	M	M	S	S	D	D	M	M	S	S			
3	9	1	6	1	5	0	7	6	2	0	5			1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE			REMARKS	SEQUENCE NUMBER	
								GRAB 1	GRAB 2	GRAB 3			
1	70033	03	028	02900	064003							D. leucolen	2
2	70040	01	002	02900	064003			002		001		M. leidy	2
3	70048	01	003	02900	064003	601				002		H. filiform	2
5	70048	01	004	02900	064003							N. succinea	2
6	70048	09	001	02900	064003							S. fragilis	2
7	70048	01	038	02900	064003							P. gouldi	2
8	70048	01	017	02900	064003							E. heteropo	2
9	70048	01	057	02900	064003			001		008		P. ligni	2
10	70048	01	005	02900	064003	001		003		003		S. viridis	2
11	70048	01	018	02900	064003	004		001		007		S. benedict	2
12	70048	01	039	02900	064003							H. grayi	2
13	70048	02	029	02900	064003							L. hoffmeis	2
14	70048	02	023	02900	064003	016		006		016		P. tubifici	2
15	70048	01	007	02900	064003							C. capitata	2
16	70049	05	006	02900	064003							I. recurvus	2
17	70049	05	007	02900	064003							C. leucopha	2
19	70049	05	009	02900	064003							M. balthica	2
20	70049	05	010	02900	064003			001				M. mitchell	2
21	70049	05	008	02900	064003	001		006		013		R. cuneata	2
22	70049	05	032	02900	064003							M. arenaria	2
27	70053	07	011	02900	064003							B. improvis	2
28	70053	07	012	02900	064003							B. subalbid	2
29	70053	14	054	02900	064003							L. american	2
30	70053	16	012	02900	064003	002		001		003		C. polita	2
31	70053	16	030	02900	064003							C. lunifron	2
33	70053	16	024	02900	064003							E. triloba	2
35	70053	17	003	02900	064003							G. palustri	2
36	70053	17	016	02900	064003					001		L. plumos	2
37	70053	17	013	02900	064003							C. lacustre	2
38	70053	17	033	02900	064003							G. daiberi	2
39	70053	17	020	02900	064003							G. tigrinus	2
40	70053	17	022	02900	064003							M. nitida	2
41	70053	16	021	02900	064003							C. almyra	2
42	70053	17	025	02900	064003							M. edwardsi	2
43	70054	24	001	02900	064003							C. species	2
44	70053	19	014	02900	064003							R. harrisi	2
	70			02900	064003								2

SAMPLING STATION NO.	DATE					TIME OF SAMPLE	DEPTH	BASIN SEGMENT	MEDIA CLASS SUB CODE	METHOD	COUNTY	TIDE	WEATH.	WREPT.
	Y	M	M	D	D									
XJF5297	7	8	1	2	0	1140	12	02139997770011			BA	-	0	1

HM9

LATITUDE					LONGITUDE					SEQUENCE NUMBER	
D	M	M	S	S	D	M	M	S	S		
3	9	1	5	3	0	7	6	1	9	5	1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE			REMARKS	SEQUENCE NUMBER	
								GRAB 1	GRAB 2	GRAB 3			
1	70	033	03	0280290	064003						D. leucolen	2	
2	70	040	01	0020290	064003						M. leidy	2	
3	70	048	01	0030290	064003	001	001	008			H. filiform	2	
5	70	048	01	0040290	064003						N. succinea	2	
6	70	048	09	0010290	064003						S. fragilis	2	
7	70	048	01	0380290	064003						P. gouldi	2	
8	70	048	01	0170290	064003						E. heteropo	2	
9	70	048	01	0570290	064003						P. ligni	2	
10	70	048	01	0050290	064003	002		001			S. viridis	2	
11	70	048	01	0180290	064003	008	003	003			S. benedict	2	
12	70	048	01	0390290	064003						H. grayi	2	
13	70	048	02	0290290	064003						L. hoffmeis	2	
14	70	048	02	0230290	064003	002	003				P. tubifici	2	
15	70	048	01	0070290	064003						C. capitata	2	
16	70	049	05	0060290	064003						I. recurvus	2	
17	70	049	05	0070290	064003						C. leucopha	2	
19	70	049	05	0090290	064003						M. balthica	2	
20	70	049	05	0100290	064003						M. mitchell	2	
21	70	049	05	0080290	064003	001	001				R. cuneata	2	
22	70	049	05	0320290	064003						M. arenaria	2	
27	70	053	07	0110290	064003						B. improvis	2	
28	70	053	07	0120290	064003						B. subalbid	2	
29	70	053	14	0540290	064003						L. american	2	
30	70	053	16	0120290	064003		001	002			C. polita	2	
31	70	053	16	0300290	064003						C. lunifron	2	
33	70	053	16	0240290	064003						E. triloba	2	
35	70	053	17	0030290	064003						G. palustri	2	
36	70	053	17	0160290	064003						L. plumusos	2	
37	70	053	17	0130290	064003	004					C. lacustre	2	
38	70	053	17	0330290	064003						G. daiberi	2	
39	70	053	17	0200290	064003						G. tigrinus	2	
40	70	053	17	0220290	064003						M. nitida	2	
41	70	053	16	0210290	064003						C. almyra	2	
42	70	053	17	0250290	064003						M. edwardsi	2	
43	70	054	24	0010290	064003						C. species	2	
44	70	053	19	0140290	064003						R. harrisi	2	
	70				0290	064003							2

SAMPLING STATION NO.	DATE					TIME OF SAMPLE	DEPT. FT.	BASIN SEGMENT			MEDIA CLASS	SUB CODE	METHOD	COUNTY	TIDE	WEATH.	DEPTH.											
	Y	M	M	D	D			2	0	2								1	3	9	9	9	7	7	0	0	1	1
XIF3325	8	8	1	2	0	1	1	0	2	5	2	0	2	1	3	9	9	9	7	7	0	0	1	1	BA	-	O	1

HM 16

LATITUDE					LONGITUDE					SEQUENCE NUMBER			
D	M	M	S	S	D	D	M	M	S	S			
3	9	1	3	17	0	7	6	2	2	30			
												1	

RESOURCE MONITORING DATA SHEET

5/9/03  
OK

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE			REMARKS	SEQUENCE NUMBER
								GRAB 1	GRAB 2	GRAB 3		
1	70	03	303	0280290	064003						D. leucolen	2
2	70	04	001	0020290	064003	002			002		M. leidy	2
3	70	04	801	0030290	064003	004		006	011		H. filiform	2
5	70	04	801	0040290	064003			002			N. succinea	2
6	70	04	809	0010290	064003						S. fragilis	2
7	70	04	801	0380290	064003						P. gouldi	2
8	70	04	801	0170290	064003	001					E. heteropo	2
9	70	04	801	0570290	064003						P. ligni	2
10	70	04	801	0050290	064003	002		004	006		S. viridis	2
11	70	04	801	0180290	064003						S. benedict	2
12	70	04	801	0390290	064003						H. grayi	2
13	70	04	802	0290290	064003	005		011			L. hoffmeis	2
14	70	04	802	0230290	064003	044		030	051		P. tubifici	2
15	70	04	801	0070290	064003	001					C. capitata	2
16	70	04	905	0060290	064003						I. recurvus	2
17	70	04	905	0070290	064003						C. leucopha	2
19	70	04	905	0090290	064003	027		027	025		M. balthica	2
20	70	04	905	0100290	064003						M. mitchell	2
21	70	04	905	0080290	064003	009		008	010		R. cuneata	2
22	70	04	905	0320290	064003						M. arenaria	2
27	70	05	307	0110290	064003						B. improvis	2
28	70	05	307	0120290	064003						B. subalbid	2
29	70	05	314	0540290	064003						L. american	2
30	70	05	316	0120290	064003	018		021	021		C. polita	2
31	70	05	316	0300290	064003						C. lunifron	2
33	70	05	316	0240290	064003	001					E. triloba	2
35	70	05	317	0030290	064003						G. palustri	2
36	70	05	317	0160290	064003	011		006	007		L. plumusos	2
37	70	05	317	0130290	064003						C. lacustre	2
38	70	05	317	0330290	064003						G. daiberi	2
39	70	05	317	0200290	064003						G. tigrinus	2
40	70	05	317	0220290	064003						M. nitida	2
41	70	05	316	0210290	064003						C. almyra	2
42	70	05	317	0250290	064003						M. edwardsi	2
43	70	05	424	0010290	064003						C. species	2
44	70	05	319	0140290	064003						R. harrisi	2
	70			0290	064003							2

SAMPLING STATION NO.	DATE				TIME OF SAMPLE	DEPTH	BASIN SEGMENT	MEDIAN	SUBCODE	METHOD	COUNTY	TIDE	WEATH.	WREPT.				
	Y	M	D	D	H													
XI27689	8	1	2	0	1	525	4	02	13	99	97	0	0	1	1	BA	0	1

HM 22

LATITUDE				LONGITUDE				SEQUENCE NUMBER											
D	M	S	S	D	M	S	S												
3	9	1	6	5	8	0	7	6	1	8	5	1							1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE			REMARKS	SEQUENCE	NUMBER	
								GRAB 1	GRAB 2	GRAB 3				
1	70	033	03	028	029	0	064	003				D. leucolen		2
2	70	040	01	002	029	0	064	003	002	003	002	M. leidy		2
3	70	048	01	003	029	0	064	003	002	004	009	H. filiform		2
5	70	048	01	004	029	0	064	003	001			N. succinea		2
6	70	048	09	001	029	0	064	003				S. fragilis		2
7	70	048	01	038	029	0	064	003				P. gouldi		2
8	70	048	01	017	029	0	064	003				E. heteropo		2
9	70	048	01	057	029	0	064	003	006	002	004	P. ligni		2
10	70	048	01	005	029	0	064	003			003	S. viridis		2
11	70	048	01	018	029	0	064	003	001		001	S. benedict		2
12	70	048	01	039	029	0	064	003				H. grayi		2
13	70	048	02	029	029	0	064	003				L. hoffmeis		2
14	70	048	02	023	029	0	064	003	028	018	014	P. tubifici		2
15	70	048	01	007	029	0	064	003				C. capitata		2
16	70	049	05	006	029	0	064	003				I. recurvus		2
17	70	049	05	007	029	0	064	003				C. leucopha		2
19	70	049	05	009	029	0	064	003				M. balthica		2
20	70	049	05	010	029	0	064	003				M. mitchell		2
21	70	049	05	008	029	0	064	003	036	015	036	R. cuneata		2
22	70	049	05	032	029	0	064	003				M. arenaria		2
27	70	053	07	011	029	0	064	003				B. improvis		2
28	70	053	07	012	029	0	064	003				B. subalbid		2
29	70	053	14	054	029	0	064	003				L. american		2
30	70	053	16	012	029	0	064	003	001	002	002	C. polita		2
31	70	053	16	030	029	0	064	003				C. lunifron		2
33	70	053	16	024	029	0	064	003				E. triloba		2
35	70	053	17	003	029	0	064	003				G. palustri		2
36	70	053	17	016	029	0	064	003				L. plumosos		2
37	70	053	17	013	029	0	064	003				C. lacustre		2
38	70	053	17	033	029	0	064	003				G. daiberi		2
39	70	053	17	020	029	0	064	003				G. tigrinus		2
40	70	053	17	022	029	0	064	003				M. nitida		2
41	70	053	16	021	029	0	064	003				C. almyra		2
42	70	053	17	025	029	0	064	003				M. edwardsi		2
43	70	054	24	001	029	0	064	003				C. species		2
44	70	053	19	014	029	0	064	003				R. harrisi		2
51	70				029	0	064	003			003	Neunatodes		2

SAMPLING STATION NO.	DATE					TIME OF SAMPLE	DEPTH FT.	BASIN SEGMENT							MEEFHOOD	COUNTRY	FIELD WEATH.	REWEATH.								
	Y	M	M	D	D																					
XIF5145	8	8	1	2	0	1	70	1	6	0	2	1	3	9	9	9	7	7	0	0	1	1	BA	-	0	1

HM 26

LATITUDE					LONGITUDE					SEQUENCE NUMBER												
D	M	M	S	S	D	M	M	S	S													
3	9	1	4	3	4	0	7	6	2	3	5	5										1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	GRAB 1	VALUE			REMARKS	SEQUENCE NUMBER	
									GRAB 2	GRAB 3				
1	70033	03028	02900	064003							D. leucolen		2	
2	70040	01002	02900	064003	006			002			M. leidy		2	
3	70048	01003	02900	064003	018			006	009		H. filiform		2	
5	70048	01004	02900	064003							N. succinea		2	
6	70048	09001	02900	064003							S. fragilis		2	
7	70048	01038	02900	064003							P. gouldi		2	
8	70048	01017	02900	064003	002			002	005		E. heteropo		2	
9	70048	01057	02900	064003					001		P. ligni		2	
10	70048	01005	02900	064003				002	003		S. viridis		2	
11	70048	01018	02900	064003	146			077	055		S. benedict		2	
12	70048	01039	02900	064003							H. grayi		2	
13	70048	02029	02900	064003	011						L. hoffmeis		2	
14	70048	02023	02900	064003	129			786	772		P. tubifici		2	
15	70048	01007	02900	064003							C. capitata		2	
16	70049	05006	02900	064003							I. recurvus		2	
17	70049	05007	02900	064003							C. leucopha		2	
19	70049	05009	02900	064003	002				001		M. balthica		2	
20	70049	05010	02900	064003				002	001		M. mitchell		2	
21	70049	05008	02900	064003				002	002		R. cuneata		2	
22	70049	05032	02900	064003							M. arenaria		2	
27	70053	07011	02900	064003							B. improvis		2	
28	70053	07012	02900	064003							B. subalbid		2	
29	70053	14054	02900	064003							L. american		2	
30	70053	16012	02900	064003	007			001	006		C. polita		2	
31	70053	16030	02900	064003							C. lunifron		2	
33	70053	16024	02900	064003	001			001	001		E. triloba		2	
35	70053	17003	02900	064003					001		G. palustri		2	
36	70053	17016	02900	064003				003	001		L. plumosos		2	
37	70053	17013	02900	064003	001						C. lacustre		2	
38	70053	17033	02900	064003							G. daiberi		2	
39	70053	17020	02900	064003							G. tigrinus		2	
40	70053	17022	02900	064003							M. nitida		2	
41	70053	16021	02900	064003							C. almyra		2	
42	70053	17025	02900	064003							M. edwardsi		2	
43	70054	24001	02900	064003	001						C. species		2	
44	70053	19014	02900	064003							R. harrisi		2	
51	700		02900	064003	003				002		<i>Neomates</i>		2	

SAMPLING STATION NO.	DATE					TIME OF SAMPLE		DEPTH	BASIN SEGMENT							M CLASS	SUB CODE	METHOD	COUNTY	TIDAL	WEATHER	RAINFALL				
	Y	M	M	D	D	TIME	OF		1	2	3	4	5	6	7								8	9	0	1
XIF+811	8	8	1	2	0	2	0	7	5	0	2	0	2	1	3	9	9	7	7	0	0	1	1	BA	0	1

R 1

T

LATITUDE					LONGITUDE					SEQUENCE NUMBER		
D	D	M	S	S	D	D	M	S	S			
3	9	1	4	9	0	7	6	2	1	0	7	1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE		REMARKS	SEQUENCE	MUN
								0 = None Present 1 = Very Abundant 2 = Abundant 3 = Present	numbers should be to left of the decimal			
3	70	048	01	003	0290	154	041			H. filiform		2
5	70	048	01	004	0290	154	041			N. succinea		2
8	70	048	01	017	0290	154	041			E. heteropo		2
9	70	048	01	057	0290	154	041		02	P. ligni		2
10	70	048	01	005	0290	154	041			S. viridis		2
11	70	048	01	018	0290	154	041			S. benedict		2
14	70	048	02	023	0290	154	041			P. tubifici		2
15	70	048	01	007	0290	154	041		02	C. capitata		2
16	70	049	05	006	0290	154	041			I. recurvus		2
17	70	049	05	007	0290	154	041			C. leucopha		2
27	70	053	07	011	0290	154	041			B. improvis		2
28	70	053	07	012	0290	154	041			B. subalbid		2
30	70	053	16	012	0290	154	041			C. polita		2
35	70	053	17	003	0290	154	041			G. palustr		2
36	70	053	17	016	0290	154	041			L. plumos		2
37	70	053	17	013	0290	154	041		01	C. lacustre		2
38	70	053	17	033	0290	154	041			G. daiberi		2
39	70	053	17	020	0290	154	041			G. tigrinus		2
40	70	053	17	022	0290	154	041			M. nitida		2
41	70	053	16	021	0290	154	041			C. almyra		2
42	70	053	17	025	0290	154	041			M. edwardsi		2
43	70	054	24	001	0290	154	041			C. species		2
44	70	053	19	014	0290	154	041			R. harrisi		2
46	70	033	01	001	0290	154	041		03	C. caspia		2
47	70	033	01	002	0290	154	041			G. francisc		2
48	70	035	05	031	0290	154	041			S. elliptic		2
49	70	066	02	001	0290	154	041			M. tenuis		2
50	70	066	02	002	0290	154	041		02	V. pavida		2
	70				0290	154	041					2
	70				0290	154	041					2

SAMPLING STATION NO.	DATE					TIME OF SAMPLE	DEPTH F.H.	BASIN SEGMENT							MEDIA SUB CODE	METHOD	COUNTY	TIDE	WEATH.	REF.					
	Y	M	M	D	D			0	1	2	3	4	5	6							7	8	9	0	
XFF4811	8	1	2	0	2	07	5	0	6	0	2	1	3	9	9	7	7	0	0	1	1		BA	-	C1

R 1

B

LATITUDE					LONGITUDE					SEQUENCE NUMBER														
D	D	M	M	S	S	D	D	M	M	S	S													
3	9	1	4	4	9	0	7	6	2	1	0	7												1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLU M	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE										REMARKS	SEQUENCE NUMBER									
								0	1	2	3																	
3	7	0	0	4	8	0	1	0	0	3	0	2	9	0	1	5	4	0	4	1						H. filiform	2	
5	7	0	0	4	8	0	1	0	0	4	0	2	9	0	1	5	4	0	4	1						N. succinea	2	
8	7	0	0	4	8	0	1	0	1	7	0	2	9	0	1	5	4	0	4	1						E. heteropo	2	
9	7	0	0	4	8	0	1	0	5	7	0	2	9	0	1	5	4	0	4	1					02	P. ligni	2	
10	7	0	0	4	8	0	1	0	0	5	0	2	9	0	1	5	4	0	4	1						S. viridis	2	
11	7	0	0	4	8	0	1	0	1	8	0	2	9	0	1	5	4	0	4	1						S. benedict	2	
14	7	0	0	4	8	0	2	0	2	3	0	2	9	0	1	5	4	0	4	1						P. tubifici	2	
15	7	0	0	4	8	0	1	0	0	7	0	2	9	0	1	5	4	0	4	1					02	C. capitata	2	
16	7	0	0	4	9	0	5	0	0	6	0	2	9	0	1	5	4	0	4	1						I. recurvus	2	
17	7	0	0	4	9	0	5	0	0	7	0	2	9	0	1	5	4	0	4	1						C. leucopha	2	
27	7	0	0	5	3	0	7	0	1	1	0	2	9	0	1	5	4	0	4	1						B. improvis	2	
28	7	0	0	5	3	0	7	0	1	2	0	2	9	0	1	5	4	0	4	1					03	B. subalbid	2	
30	7	0	0	5	3	1	6	0	1	2	0	2	9	0	1	5	4	0	4	1						C. polita	2	
35	7	0	0	5	3	1	7	0	0	3	0	2	9	0	1	5	4	0	4	1						G. palustr	2	
36	7	0	0	5	3	1	7	0	1	6	0	2	9	0	1	5	4	0	4	1						L. plumos	2	
37	7	0	0	5	3	1	7	0	1	3	0	2	9	0	1	5	4	0	4	1					02	C. lacustre	2	
38	7	0	0	5	3	1	7	0	3	3	0	2	9	0	1	5	4	0	4	1						G. daiberi	2	
39	7	0	0	5	3	1	7	0	2	0	0	2	9	0	1	5	4	0	4	1						G. tigrinus	2	
40	7	0	0	5	3	1	7	0	2	2	0	2	9	0	1	5	4	0	4	1						M. nitida	2	
41	7	0	0	5	3	1	6	0	2	1	0	2	9	0	1	5	4	0	4	1						C. almyra	2	
42	7	0	0	5	3	1	7	0	2	5	0	2	9	0	1	5	4	0	4	1						M. edwardsi	2	
43	7	0	0	5	4	2	4	0	0	1	0	2	9	0	1	5	4	0	4	1						C. species	2	
44	7	0	0	5	3	1	9	0	1	4	0	2	9	0	1	5	4	0	4	1						R. harrisi	2	
46	7	0	0	3	3	0	1	0	0	1	0	2	9	0	1	5	4	0	4	1					03	C. caspia	2	
47	7	0	0	3	3	0	1	0	0	2	0	2	9	0	1	5	4	0	4	1						G. francisc	2	
48	7	0	0	3	5	0	5	0	3	1	0	2	9	0	1	5	4	0	4	1					03	S. elliptic	2	
49	7	0	0	6	6	0	2	0	0	1	0	2	9	0	1	5	4	0	4	1						M. tenuis	2	
50	7	0	0	6	6	0	2	0	0	2	0	2	9	0	1	5	4	0	4	1					02	V. pavida	2	
51	7	0						0	2	9	0	1	5	4	0	1	5	4	0	4	1					03	Neurotoles	2
	7	0	0					0	2	9	0	1	5	4	0	1	5	4	0	4	1					03	Nudi branchia	2



SAMPLING STATION NO.	DATE					TIME OF SAMPLE	DEPTH	BASIN SEGMENT	MEDIA CLASS	SUB CODE	METHOD	COUNTY	TIDE	WEATH.	REPT.
	Y	M	M	D	D										
XIF4813	7	7	1	2	0	20	830	03	021399	977001	1	BA	-	01	

P. 2

LATITUDE					LONGITUDE					SEQUENCE NUMBER			
D	M	M	S	S	D	D	M	M	S	S			
3	9	1	4	6	0	7	6	2	1	6			1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLU M	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE		REMARKS	SEQUENCE	NUMBER
								0 = None Present	1 = Very Abundant			
3	7004801003	0290	154041									2
5	7004801004	0290	154041									2
8	7004801017	0290	154041									2
9	7004801057	0290	154041					02				2
10	7004801005	0290	154041									2
11	7004801018	0290	154041									2
14	7004802023	0290	154041									2
15	7004801007	0290	154041					03				2
16	7004905006	0290	154041									2
17	7004905007	0290	154041									2
27	7005307011	0290	154041					03				2
28	7005307012	0290	154041									2
30	7005316012	0290	154041									2
35	7005317003	0290	154041									2
36	7005317016	0290	154041									2
37	7005317013	0290	154041					02				2
38	7005317033	0290	154041									2
39	7005317020	0290	154041									2
40	7005317022	0290	154041									2
41	7005316021	0290	154041									2
42	7005317025	0290	154041									2
43	7005424001	0290	154041									2
44	7005319014	0290	154041									2
46	7003301001	0290	154041					02				2
47	7003301002	0290	154041									2
48	7003505031	0290	154041					03				2
49	7006602001	0290	154041									2
50	7006602002	0290	154041					02				2
51	700							03				2
	700											2

SAMPLING STATION NO.	DATE					TIME OF SAMPLE	DEPTH	BASIN SEGMENT	MEDIA CLASS	SUB CODE	METHOD	COUNTY	TIDE WEATH.	REPT.
	Y	M	M	D	D									
XIF4813	8	8	12	0	2	0830	08	02139997	70	01	1	BA	-	01

R 2

B

LATITUDE					LONGITUDE					SEQUENCE NUMBER	
D	D	M	M	S	D	D	M	M	S		
3	9	1	4	4	0	7	6	2	1	6	1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE			REMARKS	COMMON	NUMBER													
								0	1	2																
3	7	0	0	4	8	0	1	0	0	3	0	2	9	0	1	5	4	0	4	1		H. filiform		2		
5	7	0	0	4	8	0	1	0	0	4	0	2	9	0	1	5	4	0	4	1			02	N. succinea		2
8	7	0	0	4	8	0	1	0	1	7	0	2	9	0	1	5	4	0	4	1				E. heteropo		2
9	7	0	0	4	8	0	1	0	5	7	0	2	9	0	1	5	4	0	4	1			02	P. ligni		2
10	7	0	0	4	8	0	1	0	0	5	0	2	9	0	1	5	4	0	4	1				S. viridis		2
11	7	0	0	4	8	0	1	0	1	8	0	2	9	0	1	5	4	0	4	1				S. benedict		2
14	7	0	0	4	8	0	2	0	2	3	0	2	9	0	1	5	4	0	4	1				P. tubifici		2
15	7	0	0	4	8	0	1	0	0	7	0	2	9	0	1	5	4	0	4	1				C. capitata		2
16	7	0	0	4	9	0	5	0	0	6	0	2	9	0	1	5	4	0	4	1			03	I. recurvus		2
17	7	0	0	4	9	0	5	0	0	7	0	2	9	0	1	5	4	0	4	1				C. leucopha		2
27	7	0	0	5	3	0	7	0	1	1	0	2	9	0	1	5	4	0	4	1			03	B. improvis		2
28	7	0	0	5	3	0	7	0	1	2	0	2	9	0	1	5	4	0	4	1				B. subalbid		2
30	7	0	0	5	3	1	6	0	1	2	0	2	9	0	1	5	4	0	4	1				C. polita		2
35	7	0	0	5	3	1	7	0	0	3	0	2	9	0	1	5	4	0	4	1				G. palustri		2
36	7	0	0	5	3	1	7	0	1	6	0	2	9	0	1	5	4	0	4	1				L. plumosus		2
37	7	0	0	5	3	1	7	0	1	3	0	2	9	0	1	5	4	0	4	1			02	C. lacustre		2
38	7	0	0	5	3	1	7	0	3	3	0	2	9	0	1	5	4	0	4	1				G. daiberi		2
39	7	0	0	5	3	1	7	0	2	0	0	2	9	0	1	5	4	0	4	1				G. tigrinus		2
40	7	0	0	5	3	1	7	0	2	2	0	2	9	0	1	5	4	0	4	1				M. nitida		2
41	7	0	0	5	3	1	6	0	2	1	0	2	9	0	1	5	4	0	4	1				C. almyra		2
42	7	0	0	5	3	1	7	0	2	5	0	2	9	0	1	5	4	0	4	1				M. edwardsi		2
43	7	0	0	5	4	2	4	0	0	1	0	2	9	0	1	5	4	0	4	1				C. species		2
44	7	0	0	5	3	1	9	0	1	4	0	2	9	0	1	5	4	0	4	1				R. harrisi		2
46	7	0	0	3	3	0	1	0	0	1	0	2	9	0	1	5	4	0	4	1			02	C. caspia		2
47	7	0	0	3	3	0	1	0	0	2	0	2	9	0	1	5	4	0	4	1				G. francisc		2
48	7	0	0	3	5	0	5	0	3	1	0	2	9	0	1	5	4	0	4	1				S. elliptic		2
49	7	0	0	6	6	0	2	0	0	1	0	2	9	0	1	5	4	0	4	1				M. tenuis		2
50	7	0	0	6	6	0	2	0	0	2	0	2	9	0	1	5	4	0	4	1			02	V. pavid		2
51	7	0	0										2	9	0	1	5	4	0	4	1		03	Nematodes		2
	7	0	0																							2

SAMPLING STATION NO.	DATE					TIME OF SAMPLE	DEPTH FT.	BASIN SEGMENT	MEDIAN CLASS SUB CODE	METHOD	COUNTY	TIDE	WEATH.	REPT.
	Y	M	M	D	D									
XIF4514	8	8	12	20	8	50	03	02139997	770011		BA	-	O	1

23

LATITUDE					LONGITUDE					SEQUENCE NUMBER			
D	M	M	S	S	D	D	M	M	S	S			
3	9	1	4	32	0	7	6	2	1	23			1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE			REMARKS	SEQUENCE NUMBER	
								0 = None Present	1 = Very Abundant	2 = Abundant			3 = Present
3	70	04801	0030290	154041								H. filiform	2
5	70	04801	0040290	154041								N. succinea	2
8	70	04801	0170290	154041								E. heteropo	2
9	70	04801	0570290	154041				02				P. ligni	2
10	70	04801	0050290	154041								S. viridis	2
11	70	04801	0180290	154041								S. benedict	2
14	70	04802	0230290	154041								P. tubifici	2
15	70	04801	0070290	154041								C. capitata	2
16	70	04905	0060290	154041								I. recurvus	2
17	70	04905	0070290	154041								C. leucopha	2
27	70	05307	0110290	154041				03				B. improvis	2
28	70	05307	0120290	154041								B. subalbid	2
30	70	05316	0120290	154041								C. polita	2
35	70	05317	0030290	154041								G. palustri	2
36	70	05317	0160290	154041								L. plumosus	2
37	70	05317	0130290	154041				01				C. lacustre	2
38	70	05317	0330290	154041								G. daiberi	2
39	70	05317	0200290	154041								G. tigrinus	2
40	70	05317	0220290	154041								M. nitida	2
41	70	05316	0210290	154041								C. almyra	2
42	70	05317	0250290	154041								M. edwardsi	2
43	70	05424	0010290	154041								C. species	2
44	70	05319	0140290	154041								R. harrisi	2
46	70	03301	0010290	154041				02				C. caspia	2
47	70	03301	0020290	154041								G. francisc	2
48	70	03505	0310290	154041								S. elliptic	2
49	70	06602	0010290	154041				02				M. tenuis	2
50	70	06602	0020290	154041				01				V. pavida	2
51	70			0290	154041			03				Neuabodis	2
	70	0		0290	154041			03				Nudibranchia	2

SAMPLING STATION NO.	DATE					TIME OF SAMPLE		DEPTH F.T.	BASIN SEGMENT			MCLAS MEDIA	SUB CODE	METHOD	COUNTY	TIDE	WEATHER	WIND							
	Y	M	M	D	D	H	M		1	2	3														
XIF4514	8	8	1	2	0	2	0	8	0	2	1	3	9	9	9	7	7	0	0	1	1	BA	-	0	1

R 3

B

LATITUDE					LONGITUDE					SEQUENCE NUMBER			
D	M	M	S	S	D	D	M	M	S	S			
3	9	1	4	3	2	0	7	6	2	1	2	3	1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE										REMARKS	SEQUENCE NUMBER										
								0 = None Present	1 = Very Abundant	2 = Abundant	3 = Present	numbers should be to left of the decimal																	
3	70	048	010	030	290	154	041																			H. filiform	2		
5	70	048	010	040	290	154	041																				N. succinea	2	
8	70	048	010	170	290	154	041																				E. heteropo	2	
9	70	048	010	057	290	154	041																				P. ligni	2	
10	70	048	010	005	290	154	041																				S. viridis	2	
11	70	048	010	180	290	154	041																				S. benedict	2	
14	70	048	020	230	290	154	041																				P. tubifici	2	
15	70	048	010	007	290	154	041																				C. capitata	2	
16	70	049	050	006	290	154	041																				I. recurvus	2	
17	70	049	050	007	290	154	041																				C. leucopha	2	
27	70	053	070	110	290	154	041																				B. improvis	2	
28	70	053	070	120	290	154	041																				B. subalbid	2	
30	70	053	160	120	290	154	041																				C. polita	2	
35	70	053	170	003	290	154	041																				G. palustri	2	
36	70	053	170	160	290	154	041																				L. plumosus	2	
37	70	053	170	130	290	154	041																				C. lacustre	2	
38	70	053	170	330	290	154	041																				G. daiberi	2	
39	70	053	170	200	290	154	041																				G. tigrinus	2	
40	70	053	170	220	290	154	041																				M. nitida	2	
41	70	053	160	210	290	154	041																				C. almyra	2	
42	70	053	170	250	290	154	041																				M. edwardsi	2	
43	70	054	240	001	290	154	041																				C. species	2	
44	70	053	190	140	290	154	041																				R. harrisi	2	
46	70	033	010	001	290	154	041																				C. caspia	2	
47	70	033	010	002	290	154	041																				G. francisc	2	
48	70	035	050	310	290	154	041																				S. alliptic	2	
49	70	066	020	001	290	154	041																				M. tenuis	2	
50	70	066	020	002	290	154	041																				V. pavida	2	
	70				290	154	041																						2
	70				290	154	041																						2

SAMPLING STATION NO.	DATE					TIME OF SAMPLE	DEPTH	BASIN SEGMENT	MEDIA CLASS SUB CODE	METHOD	COUNTY	TIDE	WREATH	WREATH													
	Y	M	D	D	D																						
XIF4518	8	1	2	0	2	0	4	1	2	0	3	0	2	1	3	9	9	7	7	0	0	1	1	B	A	0	1

R 4

T

LATITUDE					LONGITUDE					SEQUENCE NUMBER					
D	D	M	M	S	S	D	D	M	M	S	S				
3	9	1	4	2	8	0	7	6	2	1	5	0			1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE			REMARKS	SEQUENCE NUMBER	
								0 = None Present	1 = Very Abundant	2 = Abundant			3 = Present
3	70	04801	0030290	154041								H. filiform	2
5	70	04801	0040290	154041				02				N. succinea	2
8	70	04801	0170290	154041								E. heteropo	2
9	70	04801	0570290	154041				02				P. ligni	2
10	70	04801	0050290	154041								S. viridis	2
11	70	04801	0180290	154041								S. benedict	2
14	70	04802	0230290	154041								P. tubifici	2
15	70	04801	0070290	154041				03				C. capitata	2
16	70	04905	0060290	154041								I. recurvus	2
17	70	04905	0070290	154041								C. leucopha	2
27	70	05307	0110290	154041				02				B. improvis	2
28	70	05307	0120290	154041				02				B. subalbid	2
30	70	05316	0120290	154041								C. polita	2
35	70	05317	0030290	154041								G. palustri	2
36	70	05317	0160290	154041								L. plumosos	2
37	70	05317	0130290	154041				01				C. lacustre	2
38	70	05317	0330290	154041								G. daiberi	2
39	70	05317	0200290	154041								G. tigrinus	2
40	70	05317	0220290	154041								M. nitida	2
41	70	05316	0210290	154041								C. almyra	2
42	70	05317	0250290	154041								M. edwardsi	2
43	70	05424	0010290	154041								C. species	2
44	70	05319	0140290	154041								R. harrisi	2
46	70	03301	0010290	154041				02				C. caspia	2
47	70	03301	0020290	154041								G. francisc	2
48	70	03505	0310290	154041								S. elliptic	2
49	70	06602	0010290	154041								M. tenuis	2
50	70	06602	0020290	154041				01				V. pavid	2
51	70		0290	154041				03				Nematodes	2
	70		0290	154041									2

SAMPLING STATION NO.	DATE				TIME OF SAMPLE	DEPTH F.T.	BASIN SEGMENT	MEDIA CLASS SUB CODE	METHOD	COUNTY	TIDE	WEATH.	REPT.
	Y	M	D	D									
XIF4518	8	8	12	02	09	12	08	0213999770011	1	BA	-	C1	

R4

B

LATITUDE					LONGITUDE					SEQUENCE NUMBER			
D	D	M	M	S	S	D	D	M	M	S	S		
3	9	1	4	2	8	0	7	6	2	1	5	0	1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE		REMARKS	SEQUENCE NUMBER	
								0 = None Present 1 = Very Abundant 2 = Abundant 3 = Present	numbers should be to left of the decimal			
3	70	04801	0030290	154041							H. filiform	2
5	70	04801	0040290	154041				03			N. succinea	2
8	70	04801	0170290	154041							E. heteropo	2
9	70	04801	0570290	154041				02			P. ligni	2
10	70	04801	0050290	154041							S. viridis	2
11	70	04801	0180290	154041							S. benedict	2
14	70	04802	0230290	154041							P. tubifici	2
15	70	04801	0070290	154041							C. capitata	2
16	70	04905	0060290	154041				03			I. recurvus	2
17	70	04905	0070290	154041							C. leucopha	2
27	70	05307	0110290	154041							B. improvis	2
28	70	05307	0120290	154041				02			B. subalbid	2
30	70	05316	0120290	154041							C. polita	2
35	70	05317	0030290	154041							G. palustri	2
36	70	05317	0160290	154041							L. plumosos	2
37	70	05317	0130290	154041				02			C. lacustre	2
38	70	05317	0330290	154041							G. daiberi	2
39	70	05317	0200290	154041							G. tigrinus	2
40	70	05317	0220290	154041							M. nitida	2
41	70	05316	0210290	154041							C. almyra	2
42	70	05317	0250290	154041							M. edwardsi	2
43	70	05424	0010290	154041							C. species	2
44	70	05319	0140290	154041				03			R. harrisi	2
46	70	03301	0010290	154041							C. caspia	2
47	70	03301	0020290	154041							G. francisc	2
48	70	03505	0310290	154041							S. elliptic	2
49	70	06602	0010290	154041							M. tenuis	2
50	70	06602	0020290	154041							V. pavida	2
54	70			0290	154041			02			Newatodes	2
	70			0290	154041							2

SAMPLING STATION NO.	DATE				TIME OF SAMPLE	DEPTH H. FT.	BASIN SEGMENT	MEDIA CLASS SUB CODE	METHOD	COUNTY	TIDE	WEATH.	WPT.								
	Y	M	D	D																	
XLF3638	8	8	12	02	09	55	08	02	1	3	9	9	7	7	0	0	1	B	A	-	1

R 5

B

LATITUDE				LONGITUDE				SEQUENCE NUMBER					
D	D	M	M	S	S	D	D	M	M	S	S		
3	9	1	5	7		0	7	6	2	3	7		1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE			REMARKS	SEQUENCE NUMBER		
								0	1	2		3		
3	7	0	04801	0030290	154041							H. filiform		2
5	7	0	04801	0040290	154041							N. succinea		2
8	7	0	04801	0170290	154041							E. heteropo		2
9	7	0	04801	0570290	154041			0	2			P. ligni		2
10	7	0	04801	0050290	154041							S. viridis		2
11	7	0	04801	0180290	154041							S. benedict		2
14	7	0	04802	0230290	154041							P. tubifici		2
15	7	0	04801	0070290	154041			0	3			C. capitata		2
16	7	0	04905	0060290	154041							I. recurvus		2
17	7	0	04905	0070290	154041							C. leucopha		2
27	7	0	05307	0110290	154041							B. improvis		2
28	7	0	05307	0120290	154041			0	3			B. subalbid		2
30	7	0	05316	0120290	154041							C. polita		2
35	7	0	05317	0030290	154041							G. palustri		2
36	7	0	05317	0160290	154041							L. plumosus		2
37	7	0	05317	0130290	154041			0	2			C. lacustre		2
38	7	0	05317	0330290	154041							G. daiberi		2
39	7	0	05317	0200290	154041							G. tigrinus		2
40	7	0	05317	0220290	154041							M. nitida		2
41	7	0	05316	0210290	154041							C. almyra		2
42	7	0	05317	0250290	154041							M. edwardsi		2
43	7	0	05424	0010290	154041							C. species		2
44	7	0	05319	0140290	154041							R. harrisi		2
46	7	0	03301	0010290	154041							C. caspia		2
47	7	0	03301	0020290	154041							G. francisc		2
48	7	0	03505	0310290	154041							S. elliptic		2
49	7	0	06602	0010290	154041			0	2			M. tenuis		2
50	7	0	06602	0020290	154041			0	2			V. pavida		2
	7	0			0290	154041								2
	7	0			0290	154041								2

SAMPLING STATION NO.	DATE					TIME OF SAMPLE	DEPTH	BASIN SEGMENT					MEDIA	CLASS	CODE	METHOD	COUNTY	TIDE	WEATH.	REMARKS
	Y	M	M	D	D			1	2	3	4	5								
XIP3638	8	8	12	02	09	55	030	2	1	3	9	9	7	7	0	1	1		BA	01

RS

T

LATITUDE					LONGITUDE					SEQUENCE NUMBER		
D	M	M	S	S	D	D	M	M	S	S		
3	9	1	3	7	0	7	6	2	3	4	7	1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE			REMARKS	SEQUENCE NUMBER	
								0 = None Present	1 = Very Abundant	2 = Abundant			3 = Present
3	7004801003	0290154041										H. filiform	2
5	7004801004	0290154041										N. succinea	2
8	7004801017	0290154041										E. heteropo	2
9	7004801057	0290154041						02				P. ligni	2
10	7004801005	0290154041										S. viridis	2
11	7004801018	0290154041										S. benedict	2
14	7004802023	0290154041										P. tubifici	2
15	7004801007	0290154041						03				C. capitata	2
16	7004905006	0290154041										I. recurvus	2
17	7004905007	0290154041										C. leucopha	2
27	7005307011	0290154041										B. improvis	2
28	7005307012	0290154041						02				B. subalbid	2
30	7005316012	0290154041										C. polita	2
35	7005317003	0290154041										G. palustri	2
36	7005317016	0290154041										L. plumosus	2
37	7005317013	0290154041						01				C. lacustre	2
38	7005317033	0290154041										G. daiberi	2
39	7005317020	0290154041										G. tigrinus	2
40	7005317022	0290154041										M. nitida	2
41	7005316021	0290154041										C. almyra	2
42	7005317025	0290154041										M. edwardsi	2
43	7005424001	0290154041										C. species	2
44	7005319014	0290154041										R. harrisi	2
46	7003301001	0290154041						02				C. caspia	2
47	7003301002	0290154041										G. francisc	2
48	7003505031	0290154041										S. elliptic	2
49	7006602001	0290154041										M. tenuis	2
50	7006602002	0290154041						01				V. pavida	2
51	70							02				Newa fales	2
	700												2



SAMPLING STATION NO.	DATE				TIME OF SAMPLE	DEPTH FT.	BASIN SEGMENT				MEDIA CLASS	SUB CODE	METHOD	COUNTY	TIDE	WEATH.	REEFFIT.	
	Y	M	M	D			1	2	3	4								
XJF5710	8	9	0	4	10	14	05	06	02	13	99	99	77	00	11			BA-21

S1

LATITUDE				LONGITUDE				SEQUENCE NUMBER										
D	M	M	S	S	D	M	M	S	S									
3	9	1	5	3	4	0	7	6	2	0	5	7						1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE			REMARKS	SEQUENCE	NUMBER	
								GRAB 1	GRAB 2	GRAB 3				
1	70033030280290064003											D. leucolen	2	
2	70040010020290064003											M. leidy	2	
3	70048010030290064003									001		H. filiform	2	
5	70048010040290064003											N. succinea	2	
6	70048090010290064003											S. fragilis	2	
7	70048010380290064003											P. gouldi	2	
8	70048010170290064003											E. heteropo	2	
9	70048010570290064003											P. ligni	2	
10	70048010050290064003						546	551	784			S. viridis	2	
11	70048010180290064003											S. benedict	2	
12	70048010390290064003											H. grayi	2	
13	70048020290290064003											L. hoffmeis	2	
14	70048020230290064003						003	008	008			P. tubifici	2	
15	70048010070290064003								001			C. capitata	2	
16	70049050060290064003											I. recurvus	2	
17	70049050070290064003											C. leucopha	2	
19	70049050090290064003											M. balthica	2	
20	70049050100290064003											M. mitchell	2	
21	70049050080290064003									001		R. cuneata	2	
22	70049050320290064003											M. arenaria	2	
27	70053070110290064003											B. improvis	2	
28	70053070120290064003											B. subalbid	2	
29	70053140540290064003											L. american	2	
30	70053160120290064003							001	001			C. polita	2	
31	70053160300290064003											C. lunifron	2	
33	70053160240290064003											E. triloba	2	
35	70053170030290064003											G. palustri	2	
36	70053170160290064003									001		L. plumosus	2	
37	70053170130290064003											C. lacustre	2	
38	70053170330290064003											G. daiberi	2	
39	70053170200290064003											G. tigrinus	2	
40	70053170220290064003											M. nitida	2	
41	70053160210290064003											C. almyra	2	
42	70053170250290064003											M. edwardsi	2	
43	70054240010290064003											C. species	2	
44	70053190140290064003											R. harrisi	2	
	70													2

205

13568

13569 70 71

13572 73 74

13575

R  
B  
R  
2  
B  
R  
R  
R  
R  
R  
R

SAMPLING STATION NO.	DATE					TIME OF SAMPLE	DEPTH FTH.	BASIN SEGMENT	MEDIA CLASS SUB CODE	METHOD	COUNTY	TIDE	WEATH.	WREPT.
	Y	M	D	D	D									
XIF5406	8	9	0	4	10	1235	1202	13999	770011		BA	-	21	

S2

LATITUDE					LONGITUDE					SEQUENCE NUMBER			
D	M	M	S	S	D	D	M	M	S	S			
3	9	1	5	25	0	7	6	2	0	3	5		1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE			REMARKS	SEQUENCE NUMBER	
								GRAB 1	GRAB 2	GRAB 3			
1	70	033	03	028	0290	064	003				D. leucolen	2	
2	70	040	01	002	0290	064	003				M. leidy	2	
3	70	048	01	003	0290	064	003	002	603	002	H. filiform	2	
5	70	048	01	004	0290	064	003	005	003	011	N. succinea	2	
6	70	048	09	001	0290	064	003				S. fragilis	2	
7	70	048	01	038	0290	064	003				P. gouldi	2	
8	70	048	01	017	0290	064	003				E. heteropo	2	
9	70	048	01	057	0290	064	003	007	005	008	P. ligni	2	
10	70	048	01	005	0290	064	003	346	474	307	S. viridis	2	
11	70	048	01	018	0290	064	003	002	001		S. benedict	2	
12	70	048	01	039	0290	064	003				H. grayi	2	
13	70	048	02	029	0290	064	003				L. hoffmeis	2	
14	70	048	02	023	0290	064	003	015	017	019	P. tubifici	2	
15	70	048	01	007	0290	064	003		001		C. capitata	2	
16	70	049	05	006	0290	064	003				I. recurvus	2	
17	70	049	05	007	0290	064	003	001			C. leucopha	2	
19	70	049	05	009	0290	064	003	006	003	002	M. balthica	2	
20	70	049	05	010	0290	064	003		001	001	M. mitchell	2	
21	70	049	05	008	0290	064	003	020	017	049	R. cuneata	2	
22	70	049	05	032	0290	064	003				M. arenaria	2	
27	70	053	07	011	0290	064	003				B. improvis	2	
28	70	053	07	012	0290	064	003				B. subalbid	2	
29	70	053	14	054	0290	064	003				L. american	2	
30	70	053	16	012	0290	064	003	001	008	004	C. polita	2	
31	70	053	16	030	0290	064	003				C. lunifron	2	
33	70	053	16	024	0290	064	003				E. triloba	2	
35	70	053	17	003	0290	064	003				G. palustri	2	
36	70	053	17	016	0290	064	003				L. plumos	2	
37	70	053	17	013	0290	064	003	001	002		C. lacustre	2	
38	70	053	17	033	0290	064	003				G. daiberi	2	
39	70	053	17	020	0290	064	003				G. tigrinus	2	
40	70	053	17	022	0290	064	003				M. nitida	2	
41	70	053	16	021	0290	064	003				C. almyra	2	
42	70	053	17	025	0290	064	003				M. edwardsi	2	
43	70	054	24	001	0290	064	003				C. species	2	
44	70	053	19	014	0290	064	003	001	001		R. harrisi	2	
	70				0290	064	003						2

SAMPLING STATION NO.	DATE				TIME OF SAMPLE	DEPTH	BASIN SEGMENT	MEDIA CLASS	SUB CODE	METHOD	COUNTY	TIDE	WEATH.	WREPT.										
	Y	M	D	D																				
XIF4811	8	9	0	4	10	12	15	13	0	2	13	9	9	7	7	0	0	1	1	B	A	-	2	1

53

LATITUDE					LONGITUDE					SEQUENCE NUMBER					
D	D	M	M	S	S	D	D	M	M	S	S				
3	9	1	4	5	0	0	7	6	2	1	0	7			1

RESOURCE MONITORING DATA SHEET

5/9/03  
OK!

SPECIES #	MEDIA	PHYLIUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE			REMARKS	SEQUENCE NUMBER
								GRAB 1	GRAB 2	GRAB 3		
1	70	033	03	028	0290	064	003				D. leucolen	2
2	70	040	01	002	0290	064	003	001	006	002	M. leidy	2
3	70	048	01	003	0290	064	003	012	017	028	H. filiform	2
5	70	048	01	004	0290	064	003				N. succinea	2
6	70	048	09	001	0290	064	003				S. fragilis	2
7	70	048	01	038	0290	064	003				P. gouldi	2
8	70	048	01	017	0290	064	003	008	014	005	E. heteropo	2
9	70	048	01	057	0290	064	003			003	P. ligni	2
10	70	048	01	005	0290	064	003	182	183	307	S. viridis	2
11	70	048	01	018	0290	064	003				S. benedict	2
12	70	048	01	039	0290	064	003				H. grayi	2
13	70	048	02	029	0290	064	003				L. hoffmeis	2
14	70	048	02	023	0290	064	003	023	124	006	P. tubifici	2
15	70	048	01	007	0290	064	003				C. capitata	2
16	70	049	05	006	0290	064	003				I. recurvus	2
17	70	049	05	007	0290	064	003				C. leucopha	2
19	70	049	05	009	0290	064	003	004	006		M. balthica	2
20	70	049	05	010	0290	064	003				M. mitchell	2
21	70	049	05	008	0290	064	003				R. cuneata	2
22	70	049	05	032	0290	064	003				M. arenaria	2
27	70	053	07	011	0290	064	003				B. improvis	2
28	70	053	07	012	0290	064	003				B. subalbid	2
29	70	053	14	054	0290	064	003				L. american	2
30	70	053	16	012	0290	064	003	002	002	002	C. polita	2
31	70	053	16	030	0290	064	003				C. lunifron	2
33	70	053	16	024	0290	064	003		001		E. triloba	2
35	70	053	17	003	0290	064	003				G. palustri	2
36	70	053	17	016	0290	064	003	002	001	005	L. plumosus	2
37	70	053	17	013	0290	064	003	001			C. lacustre	2
38	70	053	17	033	0290	064	003				G. daiberi	2
39	70	053	17	020	0290	064	003				G. tigrinus	2
40	70	053	17	022	0290	064	003				M. nitida	2
41	70	053	16	021	0290	064	003				C. almyra	2
42	70	053	17	025	0290	064	003				M. edwardsi	2
43	70	054	24	001	0290	064	003				C. species	2
44	70	053	19	014	0290	064	003				R. harrisi	2
	70				0290	064	003					2

SAMPLING STATION NO.	DATE				TIME OF SAMPLE	DEPTH FT.	BASIN SEGMENT				MEDIA CLASS	SUB CODE	METHOD	COUNTY	FIELD	WEATH.	REPT.										
	Y	M	M	D			1	2	3	4																	
XIF4715	8	9	0	4	01	1	5	5	1	3	0	2	1	3	9	9	7	7	0	0	1	1		BA	-	2	1

S4

LATITUDE					LONGITUDE					SEQUENCE NUMBER					
D	M	M	S	S	D	D	M	M	S	S	1	2	3	4	
3	9	1	4	0	0	7	6	2	1	2	8				1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE			REMARKS	SEQUENCE	NUMBER		
								GRAB 1	GRAB 2	GRAB 3					
1	70033	03028	02900	06400	003								D. leucolen		2
2	70040	01002	02900	06400	003			002	003				M. leidyi		2
3	70048	01003	02900	06400	003	007		005	009				H. filiform		2
5	70048	01004	02900	06400	003			001					N. succinea		2
6	70048	09001	02900	06400	003								S. fragilis		2
7	70048	01038	02900	06400	003								P. gouldi		2
8	70048	01017	02900	06400	003	001		001					E. heteropo		2
9	70048	01057	02900	06400	003								P. ligni		2
10	70048	01005	02900	06400	003	199		081	093				S. viridis		2
11	70048	01018	02900	06400	003			001	001				S. benedict		2
12	70048	01039	02900	06400	003								H. grayi		2
13	70048	02029	02900	06400	003								L. hoffmeis		2
14	70048	02023	02900	06400	003	001		029	018				P. tubifici		2
15	70048	01007	02900	06400	003								C. capitata		2
16	70049	05006	02900	06400	003								I. recurvus		2
17	70049	05007	02900	06400	003								C. leucopha		2
19	70049	05009	02900	06400	003	001		005	003				M. balthica		2
20	70049	05010	02900	06400	003			002					M. mitchell		2
21	70049	05008	02900	06400	003			001					R. cuneata		2
22	70049	05032	02900	06400	003								M. arenaria		2
27	70053	07011	02900	06400	003								B. improvis		2
28	70053	07012	02900	06400	003								B. subalbid		2
29	70053	14054	02900	06400	003								L. american		2
30	70053	16012	02900	06400	003			006	006				C. polita		2
31	70053	16030	02900	06400	003								C. lunifron		2
33	70053	16024	02900	06400	003								E. triloba		2
35	70053	17003	02900	06400	003								G. palustri		2
36	70053	17016	02900	06400	003	003		004	004				L. plumosus		2
37	70053	17013	02900	06400	003								C. lacustre		2
38	70053	17033	02900	06400	003								G. daiberi		2
39	70053	17020	02900	06400	003								G. tigrinus		2
40	70053	17022	02900	06400	003								M. nitida		2
41	70053	16021	02900	06400	003								C. almyra		2
42	70053	17025	02900	06400	003								M. edwardsi		2
43	70054	24001	02900	06400	003								C. species		2
44	70053	19014	02900	06400	003								R. harrisi		2
	70														2

SAMPLING STATION NO.	DATE					TIME OF SAMPLE	DEPTH FT.	BASIN SEGMENT	MEDIA CLASS	SUB CODE	METHOD	COUNTY	TIDE	WEATH.	REPT.
	Y	M	M	D	D										
XIP4420	8	9	0	4	10	113918	0213999	7700	011		BA	-21			

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LATITUDE					LONGITUDE					SEQUENCE NUMBER		
D	M	M	S	S	D	D	M	M	S	S		
39	14	23			07	6	22	00				1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE			REMARKS	SEQUENCE	NUMBER	
								GRAB 1	GRAB 2	GRAB 3				
1	70	033	03	028	0290	064	003					D. leucolen	2	
2	70	040	01	002	0290	064	003	001	002	001		M. leidy	2	
3	70	048	01	003	0290	064	003	005	008	002		H. filiform	2	
5	70	048	01	004	0290	064	003	002	001	004		N. succinea	2	
6	70	048	09	001	0290	064	003					S. fragilis	2	
7	70	048	01	038	0290	064	003					P. gouldi	2	
8	70	048	01	017	0290	064	003		001	001		E. heteropo	2	
9	70	048	01	057	0290	064	003					P. ligni	2	
10	70	048	01	005	0290	064	003	056	071	077		S. viridis	2	
11	70	048	01	018	0290	064	003					S. benedict	2	
12	70	048	01	039	0290	064	003					H. grayi	2	
13	70	048	02	029	0290	064	003					L. hoffmeis	2	
14	70	048	02	023	0290	064	003	017	021	009		P. tubifici	2	
15	70	048	01	007	0290	064	003	001				C. capitata	2	
16	70	049	05	006	0290	064	003					I. recurvus	2	
17	70	049	05	007	0290	064	003					C. leucopha	2	
19	70	049	05	009	0290	064	003	001	004	004		M. balthica	2	
20	70	049	05	010	0290	064	003					M. mitchell	2	
21	70	049	05	008	0290	064	003					R. cuneata	2	
22	70	049	05	032	0290	064	003					M. arenaria	2	
27	70	053	07	011	0290	064	003					B. improvis	2	
28	70	053	07	012	0290	064	003					B. subalbid	2	
29	70	053	14	054	0290	064	003					L. american	2	
30	70	053	16	012	0290	064	003	006	007	007		C. polita	2	
31	70	053	16	030	0290	064	003					C. lunifron	2	
33	70	053	16	024	0290	064	003					E. triloba	2	
35	70	053	17	003	0290	064	003					G. palustri	2	
36	70	053	17	016	0290	064	003	006		002		L. plumosus	2	
37	70	053	17	013	0290	064	003					C. lacustre	2	
38	70	053	17	033	0290	064	003					G. daiberi	2	
39	70	053	17	020	0290	064	003					G. tigrinus	2	
40	70	053	17	022	0290	064	003					M. nitida	2	
41	70	053	16	021	0290	064	003					C. almyra	2	
42	70	053	17	025	0290	064	003					M. edwardsi	2	
43	70	054	24	001	0290	064	003					C. species	2	
44	70	053	19	014	0290	064	003					R. harrisi	2	
	70				0290	064	003							2

5/9/03  
OK

SAMPLING STATION NO.	DATE					TIME OF SAMPLE	DEPTH FT.	BASIN SEGMENT							METHOD CODE	COUNTY	TIDAL WEATH.	REDEPTH.									
	Y	M	D	D	D			1	2	3	4	5	6	7					8								
XIF1327	8	9	0	4	10	11	05	1	2	0	2	1	3	9	9	9	7	7	0	1	1		B	A	-	2	1

56

LATITUDE					LONGITUDE					SEQUENCE NUMBER			
D	D	M	M	S	S	D	D	M	M	S	S		
3	9	1	4	1	7	0	7	6	2	2	1		1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE			REMARKS	SCIENTIFIC	NUMBER
								GRAB 1	GRAB 2	GRAB 3			
1	70	033	03	028	0290	064	003					D. leucolen	2
2	70	040	01	002	0290	064	003			001		M. leidyi	2
3	70	048	01	003	0290	064	003	007	011	004		H. filiform	2
5	70	048	01	004	0290	064	003	001				N. succinea	2
6	70	048	09	001	0290	064	003					S. fragilis	2
7	70	048	01	038	0290	064	003					P. gouldi	2
8	70	048	01	017	0290	064	003	001	001	002		E. heteropo	2
9	70	048	01	057	0290	064	003					P. ligni	2
10	70	048	01	005	0290	064	003	283	433	382		S. viridis	2
11	70	048	01	018	0290	064	003	001	003	006		S. benedict	2
12	70	048	01	039	0290	064	003					H. grayi	2
13	70	048	02	029	0290	064	003					L. hoffmeis	2
14	70	048	02	023	0290	064	003	203	301	179		P. tubifici	2
15	70	048	01	007	0290	064	003					C. capitata	2
16	70	049	05	006	0290	064	003					I. recurvus	2
17	70	049	05	007	0290	064	003					C. leucopha	2
19	70	049	05	009	0290	064	003	008	014	017		M. balthica	2
20	70	049	05	010	0290	064	003			004		M. mitchell	2
21	70	049	05	008	0290	064	003					R. cuneata	2
22	70	049	05	032	0290	064	003					M. arenaria	2
27	70	053	07	011	0290	064	003					B. improvis	2
28	70	053	07	012	0290	064	003					B. subalbid	2
29	70	053	14	054	0290	064	003					L. american	2
30	70	053	16	012	0290	064	003	009	010	012		C. polita	2
31	70	053	16	030	0290	064	003					C. lunifron	2
33	70	053	16	024	0290	064	003	006	004			E. triloba	2
35	70	053	17	003	0290	064	003					G. palustri	2
36	70	053	17	016	0290	064	003	002	002	003		L. plumos	2
37	70	053	17	013	0290	064	003	017	001	006		C. lacustre	2
38	70	053	17	033	0290	064	003					G. daiberi	2
39	70	053	17	020	0290	064	003					G. tigrinus	2
40	70	053	17	022	0290	064	003					M. nitida	2
41	70	053	16	021	0290	064	003					C. almyra	2
42	70	053	17	025	0290	064	003					M. edwardsi	2
43	70	054	24	001	0290	064	003	002	002			C. species	2
44	70	053	19	014	0290	064	003					R. harrisi	2
	70				0290	064	003						2

5/9/2003  
 check with electronic file  
 OK  
 JH  
 S. benedicti was not entered in the abundance Table in Report  
 see 161-A

SAMPLING STATION NO.	DATE				TIME OF SAMPLE	DEPTH FT.	BASIN SEGMENT							MEDIA CLASS CODE	METHOD	COUNTY	FIELD	WEATH.	RESULT								
	Y	M	M	D			1	2	3	4	5	6	7							8	9						
X165405	8	9	0	4	10	13	30	14	0	2	1	3	9	9	9	7	7	0	0	1	1		B	A	-	2	1

S7

LATITUDE					LONGITUDE					SEQUENCE NUMBER					
D	D	M	M	S	S	D	D	M	M	S	S	1	2	3	4
3	9	1	5	2	3	0	7	6	2	0	2				1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE			REMARKS	SEQUENCE NUMBER		
								GRAB 1	GRAB 2	GRAB 3				
1	70033	03028	02900	064003								D. leucolen	2	
2	70040	01002	02900	064003								M. leidy	2	
3	70048	01003	02900	064003				002		002		H. filiform	2	
5	70048	01004	02900	064003				012	005	039		N. succinea	2	
6	70048	09001	02900	064003								S. fragilis	2	
7	70048	01038	02900	064003								P. gouldi	2	
8	70048	01017	02900	064003								E. heteropo	2	
9	70048	01057	02900	064003				003	002	001		P. ligni	2	
10	70048	01005	02900	064003				027		023		S. viridis	2	
11	70048	01018	02900	064003				001		003		S. benedict	2	
12	70048	01039	02900	064003								H. grayi	2	
13	70048	02029	02900	064003					001			L. hoffmeis	2	
14	70048	02023	02900	064003				012	002	074		P. tubifici	2	
15	70048	01007	02900	064003				001				C. capitata	2	
16	70049	05006	02900	064003				001	003			I. recurvus	2	
17	70049	05007	02900	064003					001	001		C. leucopha	2	
19	70049	05009	02900	064003								M. balthica	2	
20	70049	05010	02900	064003								M. mitchell	2	
21	70049	05008	02900	064003								R. cuneata	2	
22	70049	05032	02900	064003								M. arenaria	2	
27	70053	07011	02900	064003				004	006	008		B. improvis	2	
28	70053	07012	02900	064003				001	001	002		B. subalbid	2	
29	70053	14054	02900	064003								L. american	2	
30	70053	16012	02900	064003				001				C. polita	2	
31	70053	16030	02900	064003						002		C. lunifron	2	
33	70053	16024	02900	064003								E. triloba	2	
35	70053	17003	02900	064003								G. palustri	2	
36	70053	17016	02900	064003								L. plumosus	2	
37	70053	17013	02900	064003				002	004	004		C. lacustre	2	
38	70053	17033	02900	064003								G. daiberi	2	
39	70053	17020	02900	064003								G. tigrinus	2	
40	70053	17022	02900	064003						002		M. nitida	2	
41	70053	16021	02900	064003								C. almyra	2	
42	70053	17025	02900	064003								M. edwardsi	2	
43	70054	24001	02900	064003								C. species	2	
44	70053	19014	02900	064003				005	003	007		R. harrisi	2	
	70													2

SAMPLING STATION NO.	DATE					TIME OF SAMPLE	DEPTH .	BASIN SEGMENT	MEDIA CLASS	SUB CODE	METHOD	COUNTY	TIDE	WEATH.	REPT.
	Y	M	M	D	D										
XIFA124	8	9	0	4	10	1122	14	02139997770011				BA	-21		

58

LATITUDE					LONGITUDE					SEQUENCE NUMBER		
D	M	M	S	S	D	M	M	S	S			
3	9	1	4	08	0	7	6	22	24			1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE			REMARKS	SEQUENCE NUMBER	
								GRAB 1	GRAB 2	GRAB 3			
1	70	033	03	028	0290	064	003					D. leucolen	2
2	70	040	01	002	0290	064	003	001	001			M. leidy	2
3	70	048	01	003	0290	064	003			001		H. filiform	2
5	70	048	01	004	0290	064	003					N. succinea	2
6	70	048	09	001	0290	064	003					S. fragilis	2
7	70	048	01	038	0290	064	003					P. gouldi	2
8	70	048	01	017	0290	064	003					E. heteropo	2
9	70	048	01	057	0290	064	003					P. ligni	2
10	70	048	01	005	0290	064	003	048	029	058		S. viridis	2
11	70	048	01	018	0290	064	003	001				S. benedict	2
12	70	048	01	039	0290	064	003					H. grayi	2
13	70	048	02	029	0290	064	003					L. hoffmeis	2
14	70	048	02	023	0290	064	003	001	001	001		P. tubifici	2
15	70	048	01	007	0290	064	003					C. capitata	2
16	70	049	05	006	0290	064	003					I. recurvus	2
17	70	049	05	007	0290	064	003					C. leucopha	2
19	70	049	05	009	0290	064	003	002	001	001		M. balthica	2
20	70	049	05	010	0290	064	003	001				M. mitchell	2
21	70	049	05	008	0290	064	003					R. cuneata	2
22	70	049	05	032	0290	064	003					M. arenaria	2
27	70	053	07	011	0290	064	003					B. improvis	2
28	70	053	07	012	0290	064	003					B. subalbid	2
29	70	053	14	054	0290	064	003					L. american	2
30	70	053	16	012	0290	064	003	013	013	002		C. polita	2
31	70	053	16	030	0290	064	003					C. lunifron	2
33	70	053	16	024	0290	064	003					E. triloba	2
35	70	053	17	003	0290	064	003					G. palustri	2
36	70	053	17	016	0290	064	003		007	004		L. plumosus	2
37	70	053	17	013	0290	064	003		001			C. lacustre	2
38	70	053	17	033	0290	064	003					G. daiberi	2
39	70	053	17	020	0290	064	003					G. tigrinus	2
40	70	053	17	022	0290	064	003					M. nitida	2
41	70	053	16	021	0290	064	003					C. almyra	2
42	70	053	17	025	0290	064	003					M. edwardsi	2
43	70	054	24	001	0290	064	003					C. species	2
44	70	053	19	014	0290	064	003					R. harrisi	2
	70				0290	064	003	001				Neomysis americana	2

5/9/03  
checked  
differences between  
E file and Abundance  
Table.



SAMPLING STATION NO.	DATE				TIME OF SAMPLE	DEPTH FT.	BASIN SEGMENT	MEDIA CLASS	SUB CODE	METHOD	COUNTY	TIDE	WEATHER	WIND												
	Y	M	M	D																						
XIF6388	7	9	0	4	01	4	2	5	0	9	0	2	1	3	9	9	7	7	0	0	1	1	BA	-	Z	1

HMZ

LATITUDE					LONGITUDE					SEQUENCE NUMBER					
D	D	M	M	S	S	D	D	M	M	S	S				
3	9	1	6	1	5	0	7	6	2	0	5	0			1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE			REMARKS	SEQUENCE	NUMBER	
								GRAB 1	GRAB 2	GRAB 3				
1	70	033	03	028	0290	064	003					D. leucolen		2
2	70	040	01	002	0290	064	003		002			M. leidy		2
3	70	048	01	003	0290	064	003	003	003	001		H. filiform		2
5	70	048	01	004	0290	064	003			001		N. succinea		2
6	70	048	09	001	0290	064	003					S. fragilis		2
7	70	048	01	038	0290	064	003					P. gouldi		2
8	70	048	01	017	0290	064	003		001			E. heteropo		2
9	70	048	01	057	0290	064	003					P. ligni		2
10	70	048	01	005	0290	064	003	174	136	203		S. viridis		2
11	70	048	01	018	0290	064	003					S. benedict		2
12	70	048	01	039	0290	064	003					H. grayi		2
13	70	048	02	029	0290	064	003					L. hoffmeis		2
14	70	048	02	023	0290	064	003	010	020	018		P. tubifici		2
15	70	048	01	007	0290	064	003					C. capitata		2
16	70	049	05	006	0290	064	003					I. recurvus		2
17	70	049	05	007	0290	064	003					C. leucopha		2
19	70	049	05	009	0290	064	003		001	001		M. balthica		2
20	70	049	05	010	0290	064	003					M. mitchell		2
21	70	049	05	008	0290	064	003	003	004	005		R. cuneata		2
22	70	049	05	032	0290	064	003					M. arenaria		2
27	70	053	07	011	0290	064	003					B. improvis		2
28	70	053	07	012	0290	064	003					B. subalbid		2
29	70	053	14	054	0290	064	003					L. american		2
30	70	053	16	012	0290	064	003	003	002			C. polita		2
31	70	053	16	030	0290	064	003					C. lunifron		2
33	70	053	16	024	0290	064	003					E. triloba		2
35	70	053	17	003	0290	064	003					G. palustri		2
36	70	053	17	016	0290	064	003	003	006			L. plumosus		2
37	70	053	17	013	0290	064	003			001		C. lacustre		2
38	70	053	17	033	0290	064	003					G. daiberi		2
39	70	053	17	020	0290	064	003					G. tigrinus		2
40	70	053	17	022	0290	064	003					M. nitida		2
41	70	053	16	021	0290	064	003					C. almyra		2
42	70	053	17	025	0290	064	003					M. edwardsi		2
43	70	054	24	001	0290	064	003	006				C. species		2
44	70	053	19	014	0290	064	003					R. harrisi		2
	70				0290	064	003	001				Wolys's american		2

SAMPLING STATION NO.	DATE					TIME OF SAMPLE	DEPTH FT.	BASIN SEGMENT	MEDIA CLASS	SUB CODE	METHOD	COUNTY	TIDE	WEATH.	REPT.
	Y	M	M	D	D										
XIFS297	8	9	0	4	10	134510	002139997	700011				BA			1

HM 9

LATITUDE					LONGITUDE					SEQUENCE NUMBER			
D	M	M	S	S	D	D	M	M	S	S			
3	9	1	5	3	0	7	6	1	9	5			1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE			REMARKS	SEQUENCE	NUMBER		
								GRAB 1	GRAB 2	GRAB 3					
1	7003303	0280290064003											D. leucolen		2
2	7004001	0020290064003											M. leidy		2
3	7004801	0030290064003						001					H. filiform		2
5	7004801	0040290064003						008		017			N. succinea		2
6	7004809	0010290064003											S. fragilis		2
7	7004801	0380290064003											P. gouldi		2
8	7004801	0170290064003											E. heteropo		2
9	7004801	0570290064003											P. ligni		2
10	7004801	0050290064003					026	160		185			S. viridis		2
11	7004801	0180290064003						003		001			S. benedict		2
12	7004801	0390290064003											H. grayi		2
13	7004802	0290290064003											L. hoffmeis		2
14	7004802	0230290064003					003	016		103			P. tubifici		2
15	7004801	0070290064003											C. capitata		2
16	7004905	0060290064003											I. recurvus		2
17	7004905	0070290064003											C. leucopha		2
19	7004905	0090290064003											M. balthica		2
20	7004905	0100290064003											M. mitchell		2
21	7004905	0080290064003											R. cuneata		2
22	7004905	0320290064003											M. arenaria		2
27	7005307	0110290064003					005	004		004			B. improvis		2
28	7005307	0120290064003					004	003		002			B. subalbid		2
29	7005314	0540290064003											L. american		2
30	7005316	0120290064003								003			C. polita		2
31	7005316	0300290064003								001			C. lunifron		2
33	7005316	0240290064003											E. triloba		2
35	7005317	0030290064003											G. palustri		2
36	7005317	0160290064003											L. plumosus		2
37	7005317	0130290064003					002	003		001			C. lacustre		2
38	7005317	0330290064003											G. daiberi		2
39	7005317	0200290064003											G. tigrinus		2
40	7005317	0220290064003											M. nitida		2
41	7005316	0210290064003											C. almyra		2
42	7005317	0250290064003											M. edwardsi		2
43	7005424	0010290064003											C. species		2
44	7005319	0140290064003					003	005		002			R. harrisi		2
	70														2

SAMPLING STATION NO.	DATE					TIME OF SAMPLE	DEPTH FT.	BASIN SEGMENT					MEDUSA CLASS	SUBS CODE	METHOD	COUNTY	TIDEL	WEATH.	RFB			
	Y	M	M	D	D	H		1	2	3	4	5								6	7	8
XIF3325	8	9	0	4	10	10	13	0	2	1	3	9	9	7	7	0	0	1	1	BA		1

HM 16

LATITUDE					LONGITUDE					SEQUENCE NUMBER	
D	M	M	S	S	D	M	M	S	S		
3	9	1	3	17	0	7	6	22	30		1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE			REMARKS	SEQUENCE NUMBER
								GRAB 1	GRAB 2	GRAB 3		
1	70	033	03	028	0290	064	003				D. leucolen	2
2	70	040	01	002	0290	064	003			001	M. leidy	2
3	70	048	01	003	0290	064	003	010	006	004	H. filiform	2
5	70	048	01	004	0290	064	003	001	001		N. succinea	2
6	70	048	09	001	0290	064	003				S. fragilis	2
7	70	048	01	038	0290	064	003				P. gouldi	2
8	70	048	01	017	0290	064	003		003	005	E. heteropo	2
9	70	048	01	057	0290	064	003				P. ligni	2
10	70	048	01	005	0290	064	003	082	185	071	S. viridis	2
11	70	048	01	018	0290	064	003		002		S. benedict	2
12	70	048	01	039	0290	064	003				H. grayi	2
13	70	048	02	029	0290	064	003				L. hoffmeis	2
14	70	048	02	023	0290	064	003	050	094	130	P. tubifici	2
15	70	048	01	007	0290	064	003	002			C. capitata	2
16	70	049	05	006	0290	064	003				I. recurvus	2
17	70	049	05	007	0290	064	003				C. leucopha	2
19	70	049	05	009	0290	064	003	016	019	015	M. balthica	2
20	70	049	05	010	0290	064	003		002		M. mitchall	2
21	70	049	05	008	0290	064	003			005	R. cuneata	2
22	70	049	05	032	0290	064	003				M. arenaria	2
27	70	053	07	011	0290	064	003				B. improvis	2
28	70	053	07	012	0290	064	003				B. subalbid	2
29	70	053	14	054	0290	064	003				L. american	2
30	70	053	16	012	0290	064	003	014	012	005	C. polita	2
31	70	053	16	030	0290	064	003				C. lunifron	2
33	70	053	16	024	0290	064	003				E. triloba	2
35	70	053	17	003	0290	064	003				G. palustri	2
36	70	053	17	016	0290	064	003	015	004	012	L. plumos	2
37	70	053	17	013	0290	064	003				C. lacustre	2
38	70	053	17	033	0290	064	003				G. daiberi	2
39	70	053	17	020	0290	064	003				G. tigrinus	2
40	70	053	17	022	0290	064	003				M. nitida	2
41	70	053	16	021	0290	064	003				C. almyra	2
42	70	053	17	025	0290	064	003				M. edwardsi	2
43	70	054	24	001	0290	064	003	006			C. species	2
44	70	053	19	014	0290	064	003				R. harrisi	2
	70				0290	064	003	001				2

SAMPLING STATION NO.	DATE				TIME OF SAMPLE	DEPTH FT.	BASIN SEGMENT				MEDITERRA	SUB	CODE	METHOD	COUNTY	TIDE	WEATHER	WIND			
	Y	M	M	D	H		1	2	3	4											
XIG7689	8	9	0	4	10	11	0	2	1	3	9	9	9	7	7	0	0	1	1	BA	1

HM 22

LATITUDE					LONGITUDE					SEQUENCE NUMBER		
D	M	M	S	S	D	D	M	M	S	S		
3	9	1	6	5	8	0	7	6	1	8	5	1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE			REMARKS	SEQUENCE NUMBER	
								GRAB 1	GRAB 2	GRAB 3			
1	70	033	03	028	0290	064	003					D. leucolen	2
2	70	040	01	002	0290	064	003	001				M. leidy	2
3	70	048	01	003	0290	064	003	007	002	005		H. filiform	2
5	70	048	01	004	0290	064	003					N. succinea	2
6	70	048	09	001	0290	064	003					S. fragilis	2
7	70	048	01	038	0290	064	003					P. gouldi	2
8	70	048	01	017	0290	064	003	001				E. heteropo	2
9	70	048	01	037	0290	064	003		001			P. ligni	2
10	70	048	01	005	0290	064	003	063	095	056		S. viridis	2
11	70	048	01	018	0290	064	003	001				S. benedict	2
12	70	048	01	039	0290	064	003					H. grayi	2
13	70	048	02	029	0290	064	003					L. hoffmeis	2
14	70	048	02	023	0290	064	003	030	012	007		P. tubifici	2
15	70	048	01	007	0290	064	003					C. capitata	2
16	70	049	05	006	0290	064	003					I. recurvus	2
17	70	049	05	007	0290	064	003					C. leucopha	2
19	70	049	05	009	0290	064	003	001	002	001		M. balthica	2
20	70	049	05	010	0290	064	003		001			M. mitchell	2
21	70	049	05	008	0290	064	003	017	021	016		R. cuneata	2
22	70	049	05	032	0290	064	003					M. arenaria	2
27	70	053	07	011	0290	064	003					B. improvis	2
28	70	053	07	012	0290	064	003					B. subalbid	2
29	70	053	14	054	0290	064	003					L. american	2
30	70	053	16	012	0290	064	003	002	001	001		C. polita	2
31	70	053	16	030	0290	064	003					C. lunifron	2
33	70	053	16	024	0290	064	003					E. triloba	2
35	70	053	17	003	0290	064	003					G. palustri	2
36	70	053	17	016	0290	064	003		002	002		L. plumosus	2
37	70	053	17	013	0290	064	003					C. lacustre	2
38	70	053	17	03	0290	064	003					G. daiberi	2
39	70	053	17	020	0290	064	003					G. tigrinus	2
40	70	053	17	022	0290	064	003					M. nitida	2
41	70	053	16	021	0290	064	003					C. almyra	2
42	70	053	17	025	0290	064	003					M. edwardsi	2
43	70	054	24	001	0290	064	003					C. species	2
44	70	053	19	014	0290	064	003					R. harrisi	2
51	70				0290	064	003	001				Nematodes	2

SAMPLING STATION NO.	DATE				TIME OF SAMPLE	DEPTH	BASIN SEGMENT	MEDIA	CLASS	CODE	METHOD	COUNTY	TIDE	WEATH.	DEPTH			
	Y	M	M	D														
XIFS1A5	8	9	0	4	10	15	20	15	02	13	99	99	77	70	01	1	BA	1

HM 26

LATITUDE					LONGITUDE					SEQUENCE NUMBER			
D	D	M	S	S	D	D	M	S	S				
3	9	1	4	3	9	0	7	6	2	3	5	5	1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE			REMARKS	SEQUENCE NUMBER	
								GRAB 1	GRAB 2	GRAB 3			
1	70	033	03	028	0290	064	003					D. leucolen	2
2	70	040	01	002	0290	064	003			001		M. leidy	2
3	70	048	01	003	0290	064	003	005	007	010		H. filiform	2
5	70	048	01	004	0290	064	003	001		001		N. succinea	2
6	70	048	09	001	0290	064	003					S. fragilis	2
7	70	048	01	038	0290	064	003					P. gouldi	2
8	70	048	01	017	0290	064	003	001	005	004		E. heteropo	2
9	70	048	01	057	0290	064	003	001				P. ligni	2
10	70	048	01	005	0290	064	003	135	040	064		S. viridis	2
11	70	048	01	018	0290	064	003	035	029	029		S. benedict	2
12	70	048	01	039	0290	064	003					H. grayi	2
13	70	048	02	029	0290	064	003					L. hoffmeis	2
14	70	048	02	023	0290	064	003	497	795	1317		P. tubifici	2
15	70	048	01	007	0290	064	003					C. capitata	2
16	70	049	05	006	0290	064	003					I. recurvus	2
17	70	049	05	007	0290	064	003					C. leucopha	2
19	70	049	05	009	0290	064	003		002	002		M. balthica	2
20	70	049	05	010	0290	064	003		001			M. mitchell	2
21	70	049	05	008	0290	064	003	004				R. cuneata	2
22	70	049	05	032	0290	064	003					M. arenaria	2
27	70	053	07	011	0290	064	003					B. improvis	2
28	70	053	07	012	0290	064	003					B. subalbid	2
29	70	053	14	054	0290	064	003					L. american	2
30	70	053	16	012	0290	064	003	011	008	007		C. polita	2
31	70	053	16	030	0290	064	003					C. lunifron	2
33	70	053	16	024	0290	064	003	001		002		E. triloba	2
35	70	053	17	003	0290	064	003					G. palustri	2
36	70	053	17	016	0290	064	003	001	002	005		L. plumosus	2
37	70	053	17	013	0290	064	003					C. lacustre	2
38	70	053	17	033	0290	064	003					G. daiberi	2
39	70	053	17	020	0290	064	003					G. tigrinus	2
40	70	053	17	022	0290	064	003					M. nitida	2
41	70	053	16	021	0290	064	003					C. almyra	2
42	70	053	17	025	0290	064	003					M. edwardsi	2
43	70	054	24	001	0290	064	003		001	002		C. species	2
44	70	053	19	014	0290	064	003					R. harrisi	2
47	70				0290	064	003		001	001		S. ellipticus	2

SAMPLING STATION NO.	DATE					TIME OF SAMPLE	DEPTH	BASIN SEGMENT	MEDIA CLASS	SUBCODE	METHOD	COUNTY	TIDE	WEATH.	REPT.
	Y	M	M	D	D										
XIF1813	8	9	0	4	1	0825	03	021399977001	1	1		BA	-	C1	

22

T

LATITUDE					LONGITUDE					SEQUENCE NUMBER			
D	M	M	S	S	D	D	M	M	S	S			
3	9	1	4	6	0	7	6	2	1	6			1

RESOURCE MONITORING DATA SHEET

SAMPLING #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE			REMARKS	SEQUENCE	NUMBER		
								0 = None Present	1 = Very Abundant	2 = Abundant				3 = Present	
3	7004801003	0290154041											H. filiform		2
5	7004801004	0290154041						02					N. succinea		2
8	7004801017	0290154041											E. heteropo		2
9	7004801057	0290154041						02					P. ligni		2
10	7004801005	0290154041											S. viridis		2
11	7004801018	0290154041											S. benedict		2
14	7004802023	0290154041											P. tubifici		2
15	7004801007	0290154041						02					C. capitata		2
16	7004905006	0290154041											I. recurvus		2
17	7004905007	0290154041											C. leucopha		2
27	7005307011	0290154041						02					B. improvis		2
28	7005307012	0290154041											B. subalbid		2
30	7005316012	0290154041											C. polita		2
35	7005317003	0290154041											G. palustri		2
36	7005317016	0290154041											L. plumosos		2
37	7005317013	0290154041						01					C. lacustre		2
38	7005317033	0290154041											G. daiberi		2
39	7005317020	0290154041											G. tigrinus		2
40	7005317022	0290154041											M. nitida		2
41	7005316021	0290154041											C. almyra		2
42	7005317025	0290154041											M. edwardsi		2
43	7005424001	0290154041											C. species		2
44	7005319014	0290154041											R. harrisi		2
46	7003301001	0290154041						02					C. caspia		2
47	7003301002	0290154041											G. francisc		2
48	7003505031	0290154041											S. elliptic		2
49	7006602001	0290154041											M. tenuis		2
50	7006602002	0290154041											V. pavida		2
	70														2
	700														2

SAMPLING STATION NO.	DATE				TIME OF SAMPLE	DEPTH FT.	BASIN SEGMENT	MEDIA CLASS	SUB CODE	METHOD	COUNTY	TIDE	WEATH.	REPIT.								
	Y	M	M	D	D																	
X1F4813	8	9	0	4	10	08	25	08	02	13	99	99	7	7	0	0	1	1	BA	-	0	1

R 2

B

LATITUDE				LONGITUDE				SEQUENCE NUMBER
D	M	S	S	D	M	S	S	
3	9	1	4	0	7	6	2	1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE	REMARKS	SEQUENCE NUMBER														
											0 - None Present 1 - Very Abundant 2 - Abundant 3 - Present numbers should be to left of the decimal													
3	7	0	0	4	8	0	1	0	0	3	0	2	9	0	1	5	4	0	4	1	H. filiform	2		
5	7	0	0	4	8	0	1	0	0	4	0	2	9	0	1	5	4	0	4	1	03	N. succinea	2	
8	7	0	0	4	8	0	1	0	1	7	0	2	9	0	1	5	4	0	4	1		E. heteropo	2	
9	7	0	0	4	8	0	1	0	5	7	0	2	9	0	1	5	4	0	4	1	02	P. ligni	2	
10	7	0	0	4	8	0	1	0	0	5	0	2	9	0	1	5	4	0	4	1	03	S. viridis	2	
11	7	0	0	4	8	0	1	0	1	8	0	2	9	0	1	5	4	0	4	1		S. benedict	2	
14	7	0	0	4	8	0	2	0	2	3	0	2	9	0	1	5	4	0	4	1		P. tubifici	2	
15	7	0	0	4	8	0	1	0	0	7	0	2	9	0	1	5	4	0	4	1	02	C. capitata	2	
16	7	0	0	4	9	0	5	0	0	6	0	2	9	0	1	5	4	0	4	1		I. recurvus	2	
17	7	0	0	4	9	0	5	0	0	7	0	2	9	0	1	5	4	0	4	1	03	C. leucopha	2	
27	7	0	0	5	3	0	7	0	1	1	0	2	9	0	1	5	4	0	4	1	03	B. improvis	2	
28	7	0	0	5	3	0	7	0	1	2	0	2	9	0	1	5	4	0	4	1		B. subalbid	2	
30	7	0	0	5	3	1	6	0	1	2	0	2	9	0	1	5	4	0	4	1		C. polita	2	
35	7	0	0	5	3	1	7	0	0	3	0	2	9	0	1	5	4	0	4	1		G. palustr	2	
36	7	0	0	5	3	1	7	0	1	6	0	2	9	0	1	5	4	0	4	1		L. plumos	2	
37	7	0	0	5	3	1	7	0	1	3	0	2	9	0	1	5	4	0	4	1	02	C. lacustre	2	
38	7	0	0	5	3	1	7	0	3	3	0	2	9	0	1	5	4	0	4	1		G. daiberi	2	
39	7	0	0	5	3	1	7	0	2	0	0	2	9	0	1	5	4	0	4	1		G. tigrinus	2	
40	7	0	0	5	3	1	7	0	2	2	0	2	9	0	1	5	4	0	4	1		M. nitida	2	
41	7	0	0	5	3	1	6	0	2	1	0	2	9	0	1	5	4	0	4	1		C. almyra	2	
42	7	0	0	5	3	1	7	0	2	5	0	2	9	0	1	5	4	0	4	1		M. edwardsi	2	
43	7	0	0	5	4	2	4	0	0	1	0	2	9	0	1	5	4	0	4	1		C. species	2	
44	7	0	0	5	3	1	9	0	1	4	0	2	9	0	1	5	4	0	4	1		R. harrisi	2	
46	7	0	0	3	3	0	1	0	0	1	0	2	9	0	1	5	4	0	4	1	02	C. caspia	2	
47	7	0	0	3	3	0	1	0	0	2	0	2	9	0	1	5	4	0	4	1		G. francisc	2	
48	7	0	0	3	5	0	5	0	3	1	0	2	9	0	1	5	4	0	4	1		S. elliptic	2	
49	7	0	0	6	6	0	2	0	0	1	0	2	9	0	1	5	4	0	4	1	02	M. tenuis	2	
50	7	0	0	6	6	0	2	0	0	2	0	2	9	0	1	5	4	0	4	1		V. pavida	2	
51	7	0																			02	(Unknown)	2	
	7	0																				02		2

SAMPLING STATION NO.	DATE					TIME OF SAMPLE	DEPTH FEET	BASIN SEGMENT	MEDIA CLASS	SUB CODE	METHOD CODE	COUNTY	TIDE	WEATHER	WIND
	YY	MM	DD	DD	DD	MM									
XIP4514	87	04	11	08	44	08	02	13	99	99	77	01	11	BA	01

R3

B

LATITUDE					LONGITUDE					SEQUENCE NUMBER
DD	MM	SS	SS	SS	DD	MM	SS	SS	SS	
39	14	32			07	6	21	23		1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE				REMARKS	SEQUENCE	NUMBER			
								0 = None Present	1 = Very Abundant	2 = Abundant	3 = Present						
3	70	048	01	003	0290	154	041								2	H. filiform	
5	70	048	01	004	0290	154	041									2	N. succinea
8	70	048	01	017	0290	154	041									2	E. heteropo
9	70	048	01	057	0290	154	041		02							2	P. ligni
10	70	048	01	005	0290	154	041		02							2	S. viridis
11	70	048	01	018	0290	154	041									2	S. benedict
14	70	048	02	023	0290	154	041									2	P. tubifici
15	70	048	01	007	0290	154	041									2	C. capitata
16	70	049	05	006	0290	154	041									2	I. recurvus
17	70	049	05	007	0290	154	041									2	C. leucopha
27	70	053	07	011	0290	154	041		03							2	B. improvis
28	70	053	07	012	0290	154	041									2	B. subalbid
30	70	053	16	012	0290	154	041									2	C. polita
35	70	053	17	003	0290	154	041									2	G. palustri
36	70	053	17	016	0290	154	041									2	L. plumosos
37	70	053	17	013	0290	154	041		02							2	C. lacustra
38	70	053	17	033	0290	154	041									2	G. daiberi
39	70	053	17	020	0290	154	041									2	G. tigrinus
40	70	053	17	022	0290	154	041									2	M. nitida
41	70	053	16	021	0290	154	041									2	C. almyra
42	70	053	17	025	0290	154	041									2	M. edwardsi
43	70	054	24	001	0290	154	041									2	C. species
44	70	053	19	014	0290	154	041									2	R. harrisi
46	70	033	01	001	0290	154	041		02							2	C. caspia
47	70	033	01	002	0290	154	041									2	G. francisc
48	70	035	05	031	0290	154	041									2	S. elliptic
49	70	066	02	001	0290	154	041		02							2	M. tenuis
50	70	066	02	002	0290	154	041									2	V. pavida
51	70				0290	154	041		02							2	Nematodes
	70				0290	154	041									2	



SAMPLING STATION NO.	DATE					TIME OF SAMPLE	DEPTH	BASIN SEGMENT	MEDIA CLASS	SUBSTRATE	METHOD	COUNTY	FIELD NO.	WATER YEAR	SHEET
	Y	M	M	D	D										
XIF4544	19	04	11	10	44	03	02139997	7700	01	1	BA	01			

R 3

T

LATITUDE					LONGITUDE					SEQUENCE NUMBER			
D	M	M	S	S	D	D	M	M	S	S			
39	14	32			07	62	12	3					1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE				REMARKS	SUCCESSION NUMBER	
								0 = None Present	1 = Very Abundant	2 = Abundant	3 = Present			
3	70	04801	0030290	154041									H. filiform	2
5	70	04801	0040290	154041				02					N. succinea	2
8	70	04801	0170290	154041									E. heteropo	2
9	70	04801	0570290	154041				02					P. ligni	2
10	70	04801	0050290	154041									S. viridis	2
11	70	04801	0180290	154041									S. benedict	2
14	70	04802	0230290	154041									P. tubifici	2
15	70	04801	0070290	154041									C. capitata	2
16	70	04905	0060290	154041									I. recurvus	2
17	70	04905	0070290	154041									C. leucopha	2
27	70	05307	0110290	154041				03					B. improvis	2
28	70	05307	0120290	154041				03					B. subalbid	2
30	70	05316	0120290	154041									C. polita	2
35	70	05317	0030290	154041									G. palustri	2
36	70	05317	0160290	154041									L. plumosus	2
37	70	05317	0130290	154041				01					C. lacustre	2
38	70	05317	0330290	154041									G. daiberi	2
39	70	05317	0200290	154041									G. tigrinus	2
40	70	05317	0220290	154041									M. nitida	2
41	70	05316	0210290	154041									C. almyra	2
42	70	05317	0250290	154041									M. edwardsi	2
43	70	05424	0010290	154041									C. species	2
44	70	05319	0140290	154041									R. harrisi	2
46	70	03301	0010290	154041				02					C. caspia	2
47	70	03301	0020290	154041									G. francisc	2
48	70	03505	0310290	154041									S. alliptic	2
49	70	06602	0010290	154041									M. tenuis	2
50	70	06602	0020290	154041									V. pavida	2
51	70		0290	154041				02					Neuna fobles	2
	70		0290	154041										2

SAMPLING STATION NO.	DATE					TIME OF SAMPLE	DEPTH F.T.	BASIN SEGMENT	MEDIA CLASS	SUB CODE	METHOD	COUNTY	FIELD #	WEIGHT	REMARKS											
	Y	M	M	D	D																					
XIF4S18	8	R	0	4	1	10	9	5	0	8	0	2	1	3	9	9	7	7	0	1	1	B	A	-	0	1

R 4

J

LATITUDE					LONGITUDE					SEQUENCE NUMBER						
D	D	M	M	S	S	D	D	M	M	S	S					
3	9	1	4	2	8	0	7	6	2	1	5					

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE		REMARKS	SEQUENCE NUMBER																	
								0 = None Present	1 = Very Abundant																			
3	7	0	0	4	8	0	1	0	0	3	0	2	9	0	1	5	4	0	4	1		H. filiform				2		
5	7	0	0	4	8	0	1	0	0	4	0	2	9	0	1	5	4	0	4	1		N. succinea				2		
8	7	0	0	4	8	0	1	0	1	7	0	2	9	0	1	5	4	0	4	1		E. heteropo				2		
9	7	0	0	4	8	0	1	0	5	7	0	2	9	0	1	5	4	0	4	1		P. ligni				2		
10	7	0	0	4	8	0	1	0	0	5	0	2	9	0	1	5	4	0	4	1		S. viridis				2		
11	7	0	0	4	8	0	1	0	1	8	0	2	9	0	1	5	4	0	4	1		S. benedict				2		
14	7	0	0	4	8	0	2	0	2	3	0	2	9	0	1	5	4	0	4	1		P. tubifici				2		
15	7	0	0	4	8	0	1	0	0	7	0	2	9	0	1	5	4	0	4	1		C. capitata			02	2		
16	7	0	0	4	9	0	5	0	0	6	0	2	9	0	1	5	4	0	4	1		I. recurvus				2		
17	7	0	0	4	9	0	5	0	0	7	0	2	9	0	1	5	4	0	4	1		C. leucopha				2		
27	7	0	0	5	3	0	7	0	1	1	0	2	9	0	1	5	4	0	4	1		B. improvis				2		
28	7	0	0	5	3	0	7	0	1	2	0	2	9	0	1	5	4	0	4	1		B. subalbid				2		
30	7	0	0	5	3	1	6	0	1	2	0	2	9	0	1	5	4	0	4	1		C. polita				2		
35	7	0	0	5	3	1	7	0	0	3	0	2	9	0	1	5	4	0	4	1		G. palustri				2		
36	7	0	0	5	3	1	7	0	1	6	0	2	9	0	1	5	4	0	4	1		L. plumosus				2		
37	7	0	0	5	3	1	7	0	1	3	0	2	9	0	1	5	4	0	4	1		C. lacustre			02	2		
38	7	0	0	5	3	1	7	0	3	3	0	2	9	0	1	5	4	0	4	1		G. daiberi				2		
39	7	0	0	5	3	1	7	0	2	0	0	2	9	0	1	5	4	0	4	1		G. tigrinus				2		
40	7	0	0	5	3	1	7	0	2	2	0	2	9	0	1	5	4	0	4	1		M. nitida				2		
41	7	0	0	5	3	1	6	0	2	1	0	2	9	0	1	5	4	0	4	1		C. almyra				2		
42	7	0	0	5	3	1	7	0	2	5	0	2	9	0	1	5	4	0	4	1		M. edwardsi				2		
43	7	0	0	5	4	2	4	0	0	1	0	2	9	0	1	5	4	0	4	1		C. species				2		
44	7	0	0	5	3	1	9	0	1	4	0	2	9	0	1	5	4	0	4	1		R. harrisi				2		
46	7	0	0	3	3	0	1	0	0	1	0	2	9	0	1	5	4	0	4	1		C. caspia			03	2		
47	7	0	0	3	3	0	1	0	0	2	0	2	9	0	1	5	4	0	4	1		G. francisc				2		
48	7	0	0	3	5	0	5	0	3	1	0	2	9	0	1	5	4	0	4	1		S. elliptic				2		
49	7	0	0	6	6	0	2	0	0	1	0	2	9	0	1	5	4	0	4	1		M. tenuis				2		
50	7	0	0	6	6	0	2	0	0	2	0	2	9	0	1	5	4	0	4	1		V. pavida			02	2		
29	7	0											2	9	0	1	5	4	0	4	1		L. americanis			03	2	
51	7	0												2	9	0	1	5	4	0	4	1		Neurotoles			02	2

SAMPLING STATION NO.	DATE					TIME OF SAMPLE	DEPTH	BASIN SEGMENT	MEDIA CLASS	SUB CODE	METHOD	COUNTY	TIDE	WEATHER	WIND						
	Y	M	M	D	D																
XIF4518	8	9	0	4	1	10	9	15	03	02	13	99	97	70	01	1	B	A	-	0	1

R 4

T

LATITUDE					LONGITUDE					SEQUENCE NUMBER				
D	D	M	M	S	S	D	D	M	M	S	S			
3	9	1	4	2	8	0	7	6	2	1	5			1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE 0 = None Present 1 = Very Abundant 2 = Abundant 3 = Present numbers should be to left of the decimal	REMARKS	SCIENCE	NUMBER
3	70	048	01	003	029	0	154041			H. filiform	2
5	70	048	01	004	029	0	154041			N. succinea	2
8	70	048	01	017	029	0	154041			E. heteropo	2
9	70	048	01	057	029	0	154041	02		P. ligni	2
10	70	048	01	005	029	0	154041			S. viridis	2
11	70	048	01	018	029	0	154041			S. benedict	2
14	70	048	02	023	029	0	154041			P. tubifici	2
15	70	048	01	007	029	0	154041	02		C. capitata	2
16	70	049	05	006	029	0	154041			I. recurvus	2
17	70	049	05	007	029	0	154041			C. leucopha	2
27	70	053	07	011	029	0	154041	03		B. improvis	2
28	70	053	07	012	029	0	154041			B. subalbid	2
30	70	053	16	012	029	0	154041			C. polita	2
35	70	053	17	003	029	0	154041			G. palustri	2
36	70	053	17	016	029	0	154041	01		L. plumosos	2
37	70	053	17	013	029	0	154041			C. lacustre	2
38	70	053	17	033	029	0	154041			G. daiberi	2
39	70	053	17	020	029	0	154041	03		G. tigrinus	2
40	70	053	17	022	029	0	154041			M. nitida	2
41	70	053	16	021	029	0	154041			C. almyra	2
42	70	053	17	025	029	0	154041			M. edwardsi	2
43	70	054	24	001	029	0	154041			C. species	2
44	70	053	19	014	029	0	154041			R. harrisi	2
46	70	033	01	001	029	0	154041	02		C. caspia	2
47	70	033	01	002	029	0	154041			G. francisc	2
48	70	035	05	031	029	0	154041			S. elliptic	2
49	70	066	02	001	029	0	154041			M. tenuis	2
50	70	066	02	002	029	0	154041	01		V. pavid	2
51	70				029	0	154041	02		Nematodes	2
	70	0			029	0	154041				2

SAMPLING STATION NO.	DATE					TIME OF SAMPLE	DEPTH FT.	BASIN SEGMENT	METHOD	COUNTY	TIDEL	WEATH.	DEPTH
	YY	MM	DD	DD	SS								
XIF3638	87	04	11	09	40	08	02139997	70011	BA	0	1		

RS

B

LATITUDE					LONGITUDE					SEQUENCE NUMBER		
DD	MM	SS	SS	SS	DD	DD	MM	SS	SS			
39	13	37			07	62	37	7				1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE			REMARKS	SEQUENCE NUMBER	
								0 = None Present	1 = Very Abundant	2 = Abundant			3 = Present
3	70	048	01	003	0290	154	041			03		H. filiform	2
5	70	048	01	004	0290	154	041			03		N. succinea	2
8	70	048	01	017	0290	154	041					E. heteropo	2
9	70	048	01	057	0290	154	041			02		P. ligni	2
10	70	048	01	005	0290	154	041			03		S. viridis	2
11	70	048	01	018	0290	154	041					S. benedict	2
14	70	048	02	023	0290	154	041					P. tubifici	2
15	70	048	01	007	0290	154	041			02		C. capitata	2
16	70	049	05	006	0290	154	041					I. recurvus	2
17	70	049	05	007	0290	154	041					C. leucopha	2
27	70	053	07	011	0290	154	041					B. improvis	2
28	70	053	07	012	0290	154	041					B. subalbid	2
30	70	053	16	012	0290	154	041					C. polita	2
35	70	053	17	003	0290	154	041					G. palustri	2
36	70	053	17	016	0290	154	041					L. plumosus	2
37	70	053	17	013	0290	154	041			01		C. lacustre	2
38	70	053	17	033	0290	154	041					G. daiberi	2
39	70	053	17	020	0290	154	041					G. tigrinus	2
40	70	053	17	022	0290	154	041					M. nitida	2
41	70	053	16	021	0290	154	041					C. almyra	2
42	70	053	17	025	0290	154	041					M. edwardsi	2
43	70	054	24	001	0290	154	041					C. species	2
44	70	053	19	014	0290	154	041					R. harrisi	2
46	70	033	01	001	0290	154	041			02		C. caspia	2
47	70	033	01	002	0290	154	041					G. francisc	2
48	70	035	05	031	0290	154	041					S. elliptic	2
49	70	066	02	001	0290	154	041					M. tenuis	2
50	70	066	02	002	0290	154	041					V. pavida	2
51	70				0290	154	041			01		Rotatoria	2
	70	0			0290	154	041						2

SAMPLING STATION NO.	DATE					TIME OF SAMPLE	DEPTH	BASIN SEGMENT	MEDIA CLASS SUB CODE	METHOD	COUNTY	TIDE	WDEPTH	RDEPTH
	Y	M	M	D	D		F							
XIF3638	8	9	0	4	11	0940	03	02139997770011			BA	-	1	

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LATITUDE					LONGITUDE					SEQUENCE NUMBER			
D	D	M	M	S	S	D	D	M	M	S	S		
3	9	1	3	3	7	0	7	6	2	3	1		1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE		REMARKS	SEQUENCE	NUMBER
								0 = None Present 1 = Very Abundant 2 = Abundant 3 = Present numbers should be to left of the decimal				
3	70	048	01	003	0290	154	041			H. filiform		2
5	70	048	01	004	0290	154	041			N. succinea		2
8	70	048	01	017	0290	154	041			E. heteropo		2
9	70	048	01	057	0290	154	041			P. ligni		2
10	70	048	01	005	0290	154	041			S. viridis		2
11	70	048	01	018	0290	154	041			S. benedict		2
14	70	048	02	023	0290	154	041			P. tubifici		2
15	70	048	01	007	0290	154	041		03	C. capitata		2
16	70	049	05	006	0290	154	041			I. recurvus		2
17	70	049	05	007	0290	154	041			C. leucopha		2
27	70	053	07	011	0290	154	041			B. improvis		2
28	70	053	07	012	0290	154	041			B. subalbid		2
30	70	053	16	012	0290	154	041			C. polita		2
35	70	053	17	003	0290	154	041			G. palustri		2
36	70	053	17	016	0290	154	041			L. plumosus		2
37	70	053	17	013	0290	154	041		01	C. lacustra		2
38	70	053	17	033	0290	154	041			G. dalberi		2
39	70	053	17	020	0290	154	041			G. tigrinus		2
40	70	053	17	022	0290	154	041			M. nitida		2
41	70	053	16	021	0290	154	041			C. almyra		2
42	70	053	17	025	0290	154	041			M. edwardsi		2
43	70	054	24	001	0290	154	041			C. species		2
44	70	053	19	014	0290	154	041			R. harrisi		2
46	70	033	01	001	0290	154	041		02	C. caspia		2
47	70	033	01	002	0290	154	041			G. francisc		2
48	70	035	05	031	0290	154	041			S. elliptic		2
49	70	066	02	001	0290	154	041			M. tenuis		2
50	70	066	02	002	0290	154	041			V. pavida		2
51	70				0290	154	041		01	Newtods		2
	70	0			0290	154	041					2

SAMPLING STATION NO.	DATE					TIME OF SAMPLE	DEPTH FT.	BASIN SEGMENT	MEDIA CLASS	SUB CODE	METHOD	COUNTY	TIDE	WEATH.	REPT.														
	Y	M	M	D	D																								
X1F5710	8	9	0	8	0	7	11	4	1	0	6	0	2	1	3	9	9	9	7	7	0	1	1		B	A	-	6	1

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LATITUDE					LONGITUDE					SEQUENCE NUMBER					
D	D	M	M	S	S	D	D	M	M	S	S				
3	9	1	5	3	9	0	7	6	2	0	5	7			1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE			REMARKS	SEQUENCE	NUMBER	
								GRAB 1	GRAB 2	GRAB 3				
1	7003303028	02900640003										D. leucolen		2
2	7004001002	02900640003					3		2			M. leidy		2
3	7004801003	02900640003										H. filiform		2
5	7004801004	02900640003					1		2			N. succinea		2
6	7004809001	02900640003										S. fragilis		2
7	7004801038	02900640003										P. gouldi		2
8	7004801017	02900640003										E. heteropo		2
9	7004801057	02900640003										P. ligni		2
10	7004801005	02900640003					47		77		102	S. viridis		2
11	7004801018	02900640003										S. benedict		2
12	7004801039	02900640003										H. grayi		2
13	7004802029	02900640003										L. hoffmeis		2
14	7004802023	02900640003					2				18	P. tubifici		2
15	7004801007	02900640003										C. capitata		2
16	7004905006	02900640003					1					I. recurvus		2
17	7004905007	02900640003										C. leucopha		2
19	7004905009	02900640003										M. balthica		2
20	7004905010	02900640003										M. mitchell		2
21	7004905008	02900640003					54		52		107	R. carneata		2
22	7004905032	02900640003										M. arenaria		2
27	7005307011	02900640003										B. improvis		2
28	7005307012	02900640003										B. subalbid		2
29	7005314054	02900640003										L. american		2
30	7005316012	02900640003					6		18		14	C. polita		2
31	7005316030	02900640003							2			C. lunifron		2
33	7005316024	02900640003										E. triloba		2
35	7005317003	02900640003										G. palustri		2
36	7005317016	02900640003					2				2	L. plumos		2
37	7005317013	02900640003					74		728		620	C. lacustre		2
38	7005317033	02900640003										G. daiberi		2
39	7005317020	02900640003										G. tigrinus		2
40	7005317022	02900640003										M. nitida		2
41	7005316021	02900640003										C. almyra		2
42	7005317025	02900640003										M. edwardsi		2
43	7005424001	02900640003									2	C. species		2
44	7005319014	02900640003					1		1		4	R. harrisi		2
	70													2

SAMPLING STATION NO.	DATE					TIME OF SAMPLE	DEPTH FT.	BASIN SEGMENT			MEDIA	CLASS	CODE	METHOD	COUNTY	TIDE	WEATH.	WIND										
	Y	M	M	D	D																							
XLF5406	8	9	0	8	0	7	11	3	5	3	2	0	2	1	3	9	9	7	7	0	0	1	1		B	A	-	1

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LATITUDE					LONGITUDE					SEQUENCE NUMBER																					
D	M	M	S	S	D	M	M	S	S																						
3	9	1	5	25	0	7	6	2	03	5																					1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE			REMARKS	SEQUENCE NUMBER																			
								GRAB 1	GRAB 2	GRAB 3																					
1	7003303	028	0290064003									D. leucolen	2																		
2	7004001	002	0290064003									M. leidy	2																		
3	7004801	003	0290064003					7	5	2		H. filiform	2																		
5	7004801	004	0290064003									N. succinea	2																		
6	7004809	001	0290064003									S. fragilis	2																		
7	7004801	038	0290064003									P. gouldi	2																		
8	7004801	017	0290064003									E. heteropo	2																		
9	7004801	057	0290064003									P. ligni	2																		
10	7004801	005	0290064003					54	12	9		S. viridis	2																		
11	7004801	018	0290064003									S. benedict	2																		
12	7004801	039	0290064003									H. grayi	2																		
13	7004802	029	0290064003									L. hoffmeis	2																		
14	7004802	023	0290064003									P. tubifici	2																		
15	7004801	007	0290064003									C. capitata	2																		
16	7004905	006	0290064003									I. recurvus	2																		
17	7004905	007	0290064003									C. leucopha	2																		
19	7004905	009	0290064003									M. balthica	2																		
20	7004905	010	0290064003									M. mitchell	2																		
21	7004905	008	0290064003					14	7	16		R. carneata	2																		
22	7004905	032	0290064003									M. arenaria	2																		
27	7005307	011	0290064003									B. improvis	2																		
28	7005307	012	0290064003									B. subalbid	2																		
29	7005314	054	0290064003									L. american	2																		
30	7005316	012	0290064003					4	4	11		C. polita	2																		
31	7005316	030	0290064003									C. lunifron	2																		
33	7005316	024	0290064003									E. triloba	2																		
35	7005317	003	0290064003					2		2		G. palustri	2																		
36	7005317	016	0290064003					9	13	15		L. plumosus	2																		
37	7005317	013	0290064003					4	3	11		C. lacustre	2																		
38	7005317	033	0290064003									G. daiberi	2																		
39	7005317	020	0290064003									G. tigrinus	2																		
40	7005317	022	0290064003									M. nitida	2																		
41	7005316	021	0290064003									C. almyra	2																		
42	7005317	025	0290064003						2			M. edwardsi	2																		
43	7005424	001	0290064003									C. species	2																		
44	7005319	014	0290064003					1				R. harrisi	2																		
	70		0290064003																												2

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SAMPLING STATION NO.	DATE					TIME OF SAMPLE	DEPTH	BASIN SEGMENT	MEDIA CLASS	SUB CODE	METHOD	COUNTY	THREE	WEIGHT	TEMP											
	Y	M	M	D	D																					
XIF4811	8	9	0	8	2	7	13	27	5	0	2	1	3	9	9	9	7	7	0	0	1	1	B	A	-	1

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LATITUDE					LONGITUDE					SEQUENCE NUMBER																	
D	M	M	S	S	D	M	M	S	S																		
3	9	1	4	50	0	7	6	2	10	7																	1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE			REMARKS	SPECIES NUMBER	COUNT		
								GRAB 1	GRAB 2	GRAB 3					
1	70	033	03	028	0290	064	003						D. leucolen		2
2	70	040	01	002	0290	064	003	4	6	1			M. leidy		2
3	70	048	01	003	0290	064	003	1	3	5			H. filiform		2
5	70	048	01	004	0290	064	003						N. succinea		2
6	70	048	09	001	0290	064	003						S. fragilis		2
7	70	048	01	038	0290	064	003						P. gouldi		2
8	70	048	01	017	0290	064	003						E. heteropo		2
9	70	048	01	057	0290	064	003						P. ligni		2
10	70	048	01	005	0290	064	003	23	65	30			S. viridis		2
11	70	048	01	018	0290	064	003	1	5	4			S. benedict		2
12	70	048	01	039	0290	064	003						H. grayi		2
13	70	048	02	029	0290	064	003						L. hoffmeis		2
14	70	048	02	023	0290	064	003	9	20	5			P. tubifici		2
15	70	048	01	007	0290	064	003						C. capitata		2
16	70	049	05	006	0290	064	003						I. recurvus		2
17	70	049	05	007	0290	064	003						C. leucopha		2
19	70	049	05	009	0290	064	003	1					M. balthica		2
20	70	049	05	010	0290	064	003						M. mitchell		2
21	70	049	05	008	0290	064	003	30	20	28			R. cuneata		2
22	70	049	05	032	0290	064	003						M. arenaria		2
27	70	053	07	011	0290	064	003						B. improvis		2
28	70	053	07	012	0290	064	003						B. subalbid		2
29	70	053	14	054	0290	064	003						L. american		2
30	70	053	16	012	0290	064	003	14	19	11			C. polita		2
31	70	053	16	030	0290	064	003						C. lunifron		2
33	70	053	16	024	0290	064	003	1	1				E. triloba		2
35	70	053	17	003	0290	064	003						G. palustri		2
36	70	053	17	016	0290	064	003	40	46	44			L. plumusos		2
37	70	053	17	013	0290	064	003	1					C. lacustre		2
38	70	053	17	033	0290	064	003						G. daiberi		2
39	70	053	17	020	0290	064	003						G. tigrinus		2
40	70	053	17	022	0290	064	003						M. nitida		2
41	70	053	16	021	0290	064	003						C. almyra		2
42	70	053	17	025	0290	064	003		2				M. edwardsi		2
43	70	054	24	001	0290	064	003	003	6	3			C. species		2
44	70	053	19	014	0290	064	003						R. harrisi		2
70					0290	064	003						G		2



SAMPLING STATION NO.	DATE					TIME OF SAMPLE	DEPTH	BASIN SEGMENT			MEDIA CLASS SUB CODE	METHOD	COUNTY	TIDE	WEATH.	REPT.									
	Y	M	M	D	D			1	2	3															
XIF4715	8	9	0	8	0	7A219	1	2	0	2	1	3	9	9	7	7	0	0	1	1	B	A	-	1	1

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LATITUDE					LONGITUDE					SEQUENCE NUMBER		
D	M	M	S	S	D	M	M	S	S			
3	9	1	4	0	0	7	6	2	1	2	8	1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE			REMARKS	SEQUENCE	NUMBER	
								GRAB 1	GRAB 2	GRAB 3				
1	7003303	0280290	064003									D. leucolen		2
2	7004001	0020290	064003					2	2	1		M. leidy		2
3	7004801	0030290	064003					1	4	1		H. filiform		2
5	7004801	0040290	064003					1				N. succinea		2
6	7004809	0010290	064003									S. fragilis		2
7	7004801	0380290	064003									P. gouldi		2
8	7004801	0170290	064003									E. heteropo		2
9	7004801	0570290	064003					1				P. ligni		2
10	7004801	0050290	064003					146	48	102		S. viridis		2
11	7004801	0180290	064003							4		S. benedict		2
12	7004801	0390290	064003									H. grayi		2
13	7004802	0290290	064003									L. hoffmeis		2
14	7004802	0230290	064003					6	1	2		P. tubifici		2
15	7004801	0070290	064003					1				C. capitata		2
16	7004905	0060290	064003									I. recurvus		2
17	7004905	0070290	064003									C. leucopha		2
19	7004905	0090290	064003									M. balthica		2
20	7004905	0100290	064003									M. mitchell		2
21	7004905	0080290	064003					37	25	9		R. cuneata		2
22	7004905	0320290	064003									M. arenaria		2
27	7005307	0110290	064003									B. improvis		2
28	7005307	0120290	064003									B. subalbid		2
29	7005314	0540290	064003									L. american		2
30	7005316	0120290	064003					15	10	10		C. polita		2
31	7005316	0300290	064003									C. lunifron		2
33	7005316	0240290	064003									E. triloba		2
35	7005317	0030290	064003									G. palustri		2
36	7005317	0160290	064003									L. plumosus		2
37	7005317	0130290	064003									C. lacustre		2
38	7005317	0330290	064003									G. daiberi		2
39	7005317	0200290	064003									G. tigrinus		2
40	7005317	0220290	064003									M. nitida		2
41	7005316	0210290	064003									C. almyra		2
42	7005317	0250290	064003									M. edwardsi		2
43	7005424	0010290	064003									C. species		2
44	7005319	0140290	064003									R. harrisi		2
70														2

5/9/04  
OK

SAMPLING STATION NO.	DATE					TIME OF SAMPLE	DEPTH FT.	BASIN SEGMENT				M CLASS	SUB CODE	METHOD	COUNTY	TIDE	WEIGHT	DEPTH							
	Y	M	M	D	D																				
XIF4420	8	9	0	8	0	7	12	0	2	1	3	9	9	9	7	7	0	0	1	1	B	A	-	1	1

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LATITUDE					LONGITUDE					SEQUENCE NUMBER		
D	M	M	S	S	D	D	M	M	S	S		
3	9	1	4	2	3	0	7	6	2	2	0	1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	GRAB 1	VALUE			REMARKS	SEQUENCE NUMBER	
									GRAB 2	GRAB 3				
1	70	033	03	028	029	0064	003					D. leucolen	2	
2	70	040	01	002	029	0064	003					M. leidy	2	
3	70	048	01	003	029	0064	003			1		H. filiform	2	
5	70	048	01	004	029	0064	003	1				N. succinea	2	
6	70	048	09	001	029	0064	003					S. fragilis	2	
7	70	048	01	038	029	0064	003					P. gouldi	2	
8	70	048	01	017	029	0064	003					E. heteropo	2	
9	70	048	01	057	029	0064	003					P. ligni	2	
10	70	048	01	005	029	0064	003	61	54	117		S. viridis	2	
11	70	048	01	018	029	0064	003	1	1			S. benedict	2	
12	70	048	01	039	029	0064	003					H. grayi	2	
13	70	048	02	029	029	0064	003					L. hoffmeis	2	
14	70	048	02	023	029	0064	003					P. tubifici	2	
15	70	048	01	007	029	0064	003					C. capitata	2	
16	70	049	05	006	029	0064	003					I. recurvus	2	
17	70	049	05	007	029	0064	003					C. leucopha	2	
19	70	049	05	009	029	0064	003					M. balthica	2	
20	70	049	05	010	029	0064	003					M. mitchell	2	
21	70	049	05	008	029	0064	003	2	16	15		R. cuneata	2	
22	70	049	05	032	029	0064	003					M. arenaria	2	
27	70	053	07	011	029	0064	003					B. improvis	2	
28	70	053	07	012	029	0064	003					B. subalbid	2	
29	70	053	14	054	029	0064	003					L. american	2	
30	70	053	16	012	029	0064	003	10	12	10		C. polita	2	
31	70	053	16	030	029	0064	003					C. lunifron	2	
33	70	053	16	024	029	0064	003					E. triloba	2	
35	70	053	17	003	029	0064	003					G. palustri	2	
36	70	053	17	016	029	0064	003	8	20	24		L. plumosus	2	
37	70	053	17	013	029	0064	003	1	2			C. lacustre	2	
38	70	053	17	033	029	0064	003					G. daiberi	2	
39	70	053	17	020	029	0064	003					G. tigrinus	2	
40	70	053	17	022	029	0064	003					M. nitida	2	
41	70	053	16	021	029	0064	003					C. almyra	2	
42	70	053	17	025	029	0064	003					M. edwardsi	2	
43	70	054	24	001	029	0064	003					C. species	2	
44	70	053	19	014	029	0064	003					R. harrisi	2	
	70				029	0064	003							2

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OK

SAMPLING STATION NO.	DATE					TIME OF SAMPLE	DEPTH FT.	BASIN SEGMENT			MEDIA CLASS CODE	METHOD	COUNTY	ELEVATION	WEATHER	REFLECT.													
	Y	M	M	D	D	H		1	2	3																			
XIF4327	8	9	0	8	0	7	11	3	1	0	8	0	2	1	3	9	9	7	7	0	0	1	1		B	A	-	1	1

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LATITUDE					LONGITUDE					SEQUENCE NUMBER				
D	M	M	S	S	D	D	M	M	S	S	1	2	3	
3	9	1	4	1	7	0	7	6	2	2	4			1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE			REMARKS	SPECIES NUMBER		
								GRAB 1	GRAB 2	GRAB 3				
1	70033030280290064003											D. leucolen	2	
2	70040010020290064003								1			M. leidyi	2	
3	70048010030290064003							2	5	2		H. filiform	2	
5	70048010040290064003											N. succinea	2	
6	70048090010290064003											S. fragilis	2	
7	70048010380290064003											P. gouldi	2	
8	70048010170290064003											E. heteropo	2	
9	70048010570290064003											P. ligni	2	
10	70048010050290064003							49	31	92		S. viridis	2	
11	70048010180290064003								3	4		S. benedict	2	
12	70048010390290064003											H. grayi	2	
13	70048020290290064003											L. hoffmeis	2	
14	70048020230290064003							6	23	25		P. tubifici	2	
15	70048010070290064003											C. capitata	2	
16	70049050060290064003											I. recurvus	2	
17	70049050070290064003											C. leucopha	2	
19	70049050090290064003								1			M. balthica	2	
20	70049050100290064003							2	5	3		M. mitchell	2	
21	70049050080290064003								3	1		R. cuneata	2	
22	70049050320290064003											M. arenaria	2	
27	70053070110290064003											B. improvis	2	
28	70053070120290064003											B. subalbid	2	
29	70053140540290064003											L. american	2	
30	70053160120290064003							24	17	18		C. polita	2	
31	70053160300290064003											C. lunifron	2	
33	70053160240290064003									1		E. triloba	2	
35	70053170030290064003											G. palustri	2	
36	70053170160290064003							48	80	81		L. plumosus	2	
37	70053170130290064003											C. lacustre	2	
38	70053170330290064003											G. daiberi	2	
39	70053170200290064003											G. tigrinus	2	
40	70053170220290064003											M. nitida	2	
41	70053160210290064003											C. almyra	2	
42	70053170250290064003								1			M. edwardsi	2	
43	70054240010290064003							001	4	1		C. species	2	
44	70053190140290064003											R. harrisi	2	
	70													2

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SAMPLING STATION NO.	DATE					TIME OF SAMPLE	DEPTH .	BASIN SEGMENT	MEDIA CLASS	SUBCODE	METHOD	COUNTY	FID	WEATH.	DEPTH.											
	Y	M	D	D	D																					
XIG5405	8	9	0	8	0	7	13	13	1	2	0	2	1	3	9	9	9	7	7	0	0	1	1	BA	-	11

57

LATITUDE					LONGITUDE					SEQUENCE NUMBER						
D	D	M	M	S	S	S	D	D	M	M	S	S	S			
3	9	1	5	2	3	0	7	6	2	0	2	8			1	

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE			REMARKS	SEQUENCE NUMBER		
								GRAB 1	GRAB 2	GRAB 3				
1	7003303	028	0290064003									D. leucolen	2	
2	7004001	002	0290064003				1					M. leidy	2	
3	7004801	003	0290064003				5		8			H. filiform	2	
5	7004801	004	0290064003									N. succinea	2	
6	7004809	001	0290064003									S. fragilis	2	
7	7004801	038	0290064003									P. gouldi	2	
8	7004801	017	0290064003									E. heteropo	2	
9	7004801	057	0290064003									P. ligni	2	
10	7004801	005	0290064003				102		21	37		S. viridis	2	
11	7004801	018	0290064003									S. benedict	2	
12	7004801	039	0290064003									H. grayi	2	
13	7004802	029	0290064003									L. hoffmeis	2	
14	7004802	023	0290064003				2		6	2		P. tubifici	2	
15	7004801	007	0290064003									C. capitata	2	
16	7004905	006	0290064003									I. recurvus	2	
17	7004905	007	0290064003									C. leucopha	2	
19	7004905	009	0290064003									M. balthica	2	
20	7004905	010	0290064003									M. mitchell	2	
21	7004905	008	0290064003				6		3	2		R. cuneata	2	
22	7004905	032	0290064003									M. arenaria	2	
27	7005307	011	0290064003									B. improvis	2	
28	7005307	012	0290064003									B. subalbid	2	
29	7005314	054	0290064003				12					L. american	2	
30	7005316	012	0290064003				3		5	1		C. polita	2	
31	7005316	030	0290064003									C. lunifron	2	
33	7005316	024	0290064003				1					E. triloba	2	
35	7005317	003	0290064003									G. palustri	2	
36	7005317	016	0290064003				41		65	26		L. plumosos	2	
37	7005317	013	0290064003				5		13	22		C. lacustre	2	
38	7005317	033	0290064003									G. daiberi	2	
39	7005317	020	0290064003									G. tigrinus	2	
40	7005317	022	0290064003									M. nitida	2	
41	7005316	021	0290064003									C. almyra	2	
42	7005317	025	0290064003									M. edwardsi	2	
43	7005424	001	0290064003									C. species	2	
44	7005319	014	0290064003				1					R. harrisi	2	
	70		0290064003											2

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SAMPLING STATION NO.	DATE					TIME OF SAMPLE	DEPTH FT.	BASIN SEGMENT	MEDIA CLASS	SUB CODE	METHOD	COUNTY	TIDE	WEATH.	WIND												
	Y	M	M	D	D																						
XIF4124	8	9	0	6	0	7	11	50	12	0	2	1	3	9	9	9	7	7	0	0	1	1	B	A	-	1	1

S8

LATITUDE					LONGITUDE					SEQUENCE NUMBER	
D	D	M	S	S	D	D	M	S	S		
3	9	1	4	08	0	7	6	22	24		1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE			REMARKS	SEQUENCE NUMBER
								GRAB 1	GRAB 2	GRAB 3		
1	70	033	03	028	0290	064	003				D. leucolen	2
2	70	040	01	002	0290	064	003	1	1		M. leidy	2
3	70	048	01	003	0290	064	003				H. filiform	2
5	70	048	01	004	0290	064	003				N. succinea	2
6	70	048	09	001	0290	064	003				S. fragilis	2
7	70	048	01	038	0290	064	003				P. gouldi	2
8	70	048	01	017	0290	064	003				E. heteropo	2
9	70	048	01	057	0290	064	003				P. ligni	2
10	70	048	01	005	0290	064	003	63	44	125	S. viridis	2
11	70	048	01	018	0290	064	003	1	1		S. benedict	2
12	70	048	01	039	0290	064	003				H. grayi	2
13	70	048	02	029	0290	064	003				L. hoffmeis	2
14	70	048	02	023	0290	064	003	9	5	3	P. tubifici	2
15	70	048	01	007	0290	064	003				C. capitata	2
16	70	049	05	006	0290	064	003				I. recurvus	2
17	70	049	05	007	0290	064	003				C. leucopha	2
19	70	049	05	009	0290	064	003				M. balthica	2
20	70	049	05	010	0290	064	003	2	1	2	M. mitchell	2
21	70	049	05	008	0290	064	003	12	3	12	R. cuneata	2
22	70	049	05	032	0290	064	003				M. arenaria	2
27	70	053	07	011	0290	064	003				B. improvis	2
28	70	053	07	012	0290	064	003				B. subalbid	2
29	70	053	14	054	0290	064	003				L. american	2
30	70	053	16	012	0290	064	003	19	90	27	C. polita	2
31	70	053	16	030	0290	064	003				C. lunifron	2
33	70	053	16	024	0290	064	003				E. triloba	2
35	70	053	17	003	0290	064	003				G. palustri	2
36	70	053	17	016	0290	064	003	33	56	22	L. plumosus	2
37	70	053	17	013	0290	064	003				C. lacustre	2
38	70	053	17	033	0290	064	003				G. daiberi	2
39	70	053	17	020	0290	064	003				G. tigrinus	2
40	70	053	17	022	0290	064	003				M. nitida	2
41	70	053	16	021	0290	064	003				C. almyra	2
42	70	053	17	025	0290	064	003				M. edwardsi	2
43	70	054	24	001	0290	064	003			60	C. species	2
44	70	053	19	014	0290	064	003				R. harrisi	2
	70				0290	064	003					2

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SAMPLING STATION NO.	DATE					TIME OF SAMPLE	DEPTH	BASIN SEGMENT	MEDIA CLASS SUBCODE	METHOD	COUNTY	TIDE	WEATHER	WIND
	Y	M	D	M	D									
XIF6388	8	9	0	8	0	Z	150	9	04	02139997770011	BA	-6	1	

HM7

LATITUDE					LONGITUDE					SEQUENCE NUMBER	
D	M	M	S	S	D	M	M	S	S		
3	9	1	6	15	0	7	6	2	50		1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE			REMARKS	SEQUENCE NUMBER
								GRAB 1	GRAB 2	GRAB 3		
1	70	03303	0280290	064003							D. leucolen	2
2	70	04001	0020290	064003							M. leidy	2
3	70	04801	0030290	064003							H. filiform	2
5	70	04801	0040290	064003							N. succinea	2
6	70	04809	0010290	064003							S. fragilis	2
7	70	04801	0380290	064003							P. gouldi	2
8	70	04801	0170290	064003							E. heteropo	2
9	70	04801	0570290	064003							P. ligni	2
10	70	04801	0050290	064003				41	48	17	S. viridis	2
11	70	04801	0180290	064003							S. benedict	2
12	70	04801	0390290	064003							H. grayi	2
13	70	04802	0290290	064003							L. hoffmeis	2
14	70	04802	0230290	064003				3	1	11	P. tubifici	2
15	70	04801	0070290	064003							C. capitata	2
16	70	04905	0060290	064003							I. recurvus	2
17	70	04905	0070290	064003							C. leucopha	2
19	70	04905	0090290	064003				1			M. balthica	2
20	70	04905	0100290	064003							M. mitchell	2
21	70	04905	0080290	064003				3	2	4	R. cuneata	2
22	70	04905	0320290	064003							M. arenaria	2
27	70	05307	0110290	064003							B. improvis	2
28	70	05307	0120290	064003							B. subalbid	2
29	70	05314	0540290	064003							L. american	2
30	70	05316	0120290	064003				2	4	9	C. polita	2
31	70	05316	0300290	064003							C. lunifron	2
33	70	05316	0240290	064003							E. triloba	2
35	70	05317	0030290	064003							G. palustri	2
36	70	05317	0160290	064003				120	134	117	L. plumosus	2
37	70	05317	0130290	064003				33		3	C. lacustra	2
38	70	05317	0330290	064003							G. daiberi	2
39	70	05317	0200290	064003							G. tigrinus	2
40	70	05317	0220290	064003				5		2	M. nitida	2
41	70	05316	0210290	064003							C. almyra	2
42	70	05317	0250290	064003							M. edwardsi	2
43	70	05424	0010290	064003				004	6	11	C. species	2
44	70	05319	0140290	064003							R. harrisi	2
	70		0290	064003								2

SAMPLING STATION NO.	DATE					TIME OF SAMPLE	DEPTH FTH.	BASIN SEGMENT					MEDIA CLASS SUBCODE	METHOD	COUNTY	TIDE	WEATHER	RESULTS								
	Y	M	M	D	D			0	2	1	3	9							9	7	7	0	0	1	1	
XIF5297	8	9	0	8	0	7	14	2	9	1	2	0	2	1	3	9	9	7	7	0	0	1	1	BA	-	1

HM9

LATITUDE					LONGITUDE					SEQUENCE NUMBER				
D	D	M	M	S	S	D	D	M	M	S	S			
3	9	1	5	3	3	0	7	6	1	4	5	3		1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE			REMARKS	SEQUENCE NUMBER
								GRAB 1	GRAB 2	GRAB 3		
1	700330302802900064003										D. leucolen	2
2	700400100202900064003										M. leidy	2
3	700480100302900064003						1	8	19		H. filiform	2
5	700480100402900064003						3				N. succinea	2
6	700480900102900064003										S. fragilis	2
7	700480103802900064003										P. gouldi	2
8	700480101702900064003										E. heteropo	2
9	700480105702900064003										P. ligni	2
10	700480100502900064003						66	74	93		S. viridis	2
11	700480101802900064003							2			S. benedict	2
12	700480103902900064003										H. grayi	2
13	700480202902900064003										L. hoffmeis	2
14	700480202302900064003						1		1		P. tubifici	2
15	700480100702900064003										C. capitata	2
16	700490500602900064003						1				I. recurvus	2
17	700490500702900064003										C. leucopha	2
19	700490500902900064003						1				M. balthica	2
20	700490501002900064003						1				M. mitchell	2
21	700490500802900064003						17	12	17		R. cuneata	2
22	700490503202900064003										M. arenaria	2
27	700530701102900064003										B. improvis	2
28	700530701202900064003										B. subalbid	2
29	700531405402900064003										L. american	2
30	700531601202900064003						8	7	7		C. polita	2
31	700531603002900064003										C. lunifron	2
33	700531602402900064003										E. triloba	2
35	700531700302900064003										G. palustri	2
36	700531701602900064003						21	28	10		L. plumosus	2
37	700531701302900064003							4	2		C. lacustre	2
38	700531703302900064003								1		G. daiberi	2
39	700531702002900064003										G. tigrinus	2
40	700531702202900064003						1		1		M. nitida	2
41	700531602102900064003										C. almyra	2
42	700531702502900064003						1	1			M. edwardsi	2
43	700542400102900064003						0.01				C. species	2
44	700531901402900064003						1	1			R. harrisi	2
70												2

SAMPLING STATION NO.	DATE				TIME OF SAMPLE	DEPTH	BASIN SEGMENT				M CLASS	SUB	CODE	METHOD	COUNTY	TIDE	WEATH.	REMARKS						
	Y	M	M	D	H		1	2	3	4														
XIF3325	8	9	0	8	07	10	40	12	0	2	1	3	9	9	7	7	0	0	1	1	BA	-	1	1

HM16

LATITUDE					LONGITUDE					SEQUENCE NUMBER		
D	M	M	S	S	D	D	M	M	S	S		
3	9	1	3	7	0	7	6	2	2	3	0	1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE			REMARKS	SEQUENCE NUMBER		
								GRAB 1	GRAB 2	GRAB 3				
1	70	033	03	028	0290	064	003					D. leucolen	2	
2	70	040	01	002	0290	064	003					M. leidy	2	
3	70	048	01	003	0290	064	003					H. filiform	2	
5	70	048	01	004	0290	064	003					N. succinea	2	
6	70	048	09	001	0290	064	003					S. fragilis	2	
7	70	048	01	038	0290	064	003					P. gouldi	2	
8	70	048	01	017	0290	064	003					E. heteropo	2	
9	70	048	01	057	0290	064	003					P. ligni	2	
10	70	048	01	005	0290	064	003	20	40	35		S. viridis	2	
11	70	048	01	018	0290	064	003					S. benedict	2	
12	70	048	01	039	0290	064	003					H. grayi	2	
13	70	048	02	029	0290	064	003					L. hoffmeis	2	
14	70	048	02	023	0290	064	003	1	12	10		P. tubifici	2	
15	70	048	01	007	0290	064	003					C. capitata	2	
16	70	049	05	006	0290	064	003					I. recurvus	2	
17	70	049	05	007	0290	064	003					C. leucopha	2	
19	70	049	05	009	0290	064	003	3	13	3		M. balthica	2	
20	70	049	05	010	0290	064	003	2				M. mitchell	2	
21	70	049	05	008	0290	064	003	7	7	9		R. cuneata	2	
22	70	049	05	032	0290	064	003					M. arenaria	2	
27	70	053	07	011	0290	064	003					B. improvis	2	
28	70	053	07	012	0290	064	003					B. subalbid	2	
29	70	053	14	054	0290	064	003					L. american	2	
30	70	053	16	012	0290	064	003	11	23	15		C. polita	2	
31	70	053	16	030	0290	064	003					C. lunifron	2	
33	70	053	16	024	0290	064	003					E. triloba	2	
35	70	053	17	003	0290	064	003					G. palustri	2	
36	70	053	17	016	0290	064	003	50	62	49		L. plumosus	2	
37	70	053	17	013	0290	064	003					C. lacustre	2	
38	70	053	17	033	0290	064	003					G. daiberi	2	
39	70	053	17	020	0290	064	003					G. tigrinus	2	
40	70	053	17	022	0290	064	003					M. nitida	2	
41	70	053	16	021	0290	064	003					C. almyra	2	
42	70	053	17	025	0290	064	003					M. edwardsi	2	
43	70	054	24	001	0290	064	003					C. species	2	
44	70	053	19	014	0290	064	003					R. harrisi	2	
	70				0290	064	003							2



SAMPLING STATION NO.	DATE					TIME OF SAMPLE	DEPTH F.T.	BASIN SEGMENT	MEDIA CLASS	SUB CODE	METHOD	COUNTY	TIDE	WEATHER	REMARKS						
	Y	M	M	D	D																
XIG7689	8	9	0	8	0	7	14	0	2	1	3	9	9	7	7	0	0	1	1	BA	1

Hm22

LATITUDE					LONGITUDE					SEQUENCE NUMBER	
DD	MM	SS	SS	SS	DD	DD	MM	SS	SS	SS	SS
3	9	1	6	5	8	0	7	6	1	8	5
											1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE			REMARKS	SEQUENCE NUMBER
								GRAB 1	GRAB 2	GRAB 3		
1	70033	03028	02900	06400	03						D. leucolea	2
2	70040	01002	02900	06400	03		1				M. leidy	2
3	70048	01003	02900	06400	03		4	3	3		H. filiform	2
5	70048	01004	02900	06400	03						N. succinea	2
6	70048	09001	02900	06400	03						S. fragilis	2
7	70048	01038	02900	06400	03						P. gouldi	2
8	70048	01017	02900	06400	03						E. heteropo	2
9	70048	01057	02900	06400	03						P. ligni	2
10	70048	01005	02900	06400	03		14	5	4		S. viridis	2
11	70048	01018	02900	06400	03						S. benedict	2
12	70048	01039	02900	06400	03						H. grayi	2
13	70048	02029	02900	06400	03						L. hoffmeis	2
14	70048	02023	02900	06400	03						P. tubifici	2
15	70048	01007	02900	06400	03						C. capitata	2
16	70049	05006	02900	06400	03						I. recurvus	2
17	70049	05007	02900	06400	03						C. leucopha	2
19	70049	05009	02900	06400	03						M. balthica	2
20	70049	05010	02900	06400	03			1			M. mitchell	2
21	70049	05008	02900	06400	03						R. cuneata	2
22	70049	05032	02900	06400	03						M. aranaria	2
27	70053	07011	02900	06400	03						B. improvis	2
28	70053	07012	02900	06400	03						B. subalbid	2
29	70053	14054	02900	06400	03						L. american	2
30	70053	16012	02900	06400	03		2	4	6		C. polita	2
31	70053	16030	02900	06400	03						C. lunifron	2
33	70053	16024	02900	06400	03						E. triloba	2
35	70053	17003	02900	06400	03						G. palustr	2
36	70053	17016	02900	06400	03		17	18	20		L. plumosus	2
37	70053	17013	02900	06400	03		2	1			C. lacustre	2
38	70053	17033	02900	06400	03		1				G. daiberi	2
39	70053	17020	02900	06400	03						G. tigrinus	2
40	70053	17022	02900	06400	03				1		M. nitida	2
41	70053	16021	02900	06400	03						C. almyra	2
42	70053	17025	02900	06400	03		1				M. edwardsi	2
43	70054	24001	02900	06400	03			3			C. species	2
44	70053	19014	02900	06400	03						R. harrisi	2
70			02900	06400	03							2

SAMPLING STATION NO.	DATE				TIME OF SAMPLE	DEPTH FT.	BASIN SEGMENT				MEDIA	SUB CODE	METHOD	COUNTY	TIDE	WEATH.	REPT.									
	Y	M	D	D			1	2	3	4																
XIF5145	8	9	0	8	07	15	26	0	9	0	2	1	3	9	9	7	7	0	0	1	1		B	A	-	1

Hm26

LATITUDE					LONGITUDE					SEQUENCE NUMBER			
D	D	M	M	S	S	D	D	M	M	S	S		
3	9	1	4	3	9	0	7	6	2	3	5		1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE			REMARKS	SEQUENCE NUMBER		
								GRAB 1	GRAB 2	GRAB 3				
1	7003303	0280	2900	64003								D. leucolen	2	
2	7004001	0020	2900	64003								M. leidy	2	
3	7004801	0030	2900	64003			3	17	9			H. filiform	2	
5	7004801	0040	2900	64003			1		1			N. succinea	2	
6	7004809	0010	2900	64003								S. fragilis	2	
7	7004801	0380	2900	64003								P. gouldi	2	
8	7004801	0170	2900	64003								E. heteropo	2	
9	7004801	0570	2900	64003								P. ligni	2	
10	7004801	0050	2900	64003			5	50	29			S. viridis	2	
11	7004801	0180	2900	64003			9	9	13			S. benedict	2	
12	7004801	0390	2900	64003								H. grayi	2	
13	7004802	0290	2900	64003								L. hoffmeis	2	
14	7004802	0230	2900	64003			29	19	22			P. tubifici	2	
15	7004801	0070	2900	64003			1					C. capitata	2	
16	7004905	0060	2900	64003								I. recurvus	2	
17	7004905	0070	2900	64003								C. leucopha	2	
19	7004905	0090	2900	64003								M. balthica	2	
20	7004905	0100	2900	64003								M. mitchell	2	
21	7004905	0080	2900	64003			4	4	2			R. cuneata	2	
22	7004905	0320	2900	64003								M. arenaria	2	
27	7005307	0110	2900	64003								B. improvis	2	
28	7005307	0120	2900	64003								B. subalbid	2	
29	7005314	0540	2900	64003			1		2			L. american	2	
30	7005316	0120	2900	64003			31	33	36			C. polita	2	
31	7005316	0300	2900	64003				1	1			C. lunifron	2	
33	7005316	0240	2900	64003			1					E. triloba	2	
35	7005317	0030	2900	64003								G. palustri	2	
36	7005317	0160	2900	64003				6	3			L. plumosus	2	
37	7005317	0130	2900	64003			4	2				C. lacustre	2	
38	7005317	0330	2900	64003								G. daiberi	2	
39	7005317	0200	2900	64003								G. tigrinus	2	
40	7005317	0220	2900	64003								M. nitida	2	
41	7005316	0210	2900	64003								C. almyra	2	
42	7005317	0250	2900	64003			1					M. edwardsi	2	
43	7005424	0010	2900	64003			003	2	2			C. species	2	
44	7005319	0140	2900	64003			16					R. harrisi	2	
	70													2

SAMPLING STATION NO.	DATE					TIME OF SAMPLE	DEPTH FTH.	BASIN SEGMENT							METHOD	COUNTY	TIDE	WEATHER	DEPTH
	Y	M	M	D	D			1	2	3	4	5	6	7					
XIF4813	69	08	08	08	03	02	13	99	97	70	00	11	11		BA	1	1		

R2

LATITUDE					LONGITUDE					SEQUENCE NUMBER				
D	M	M	S	S	D	D	M	M	S	S	1	2	3	4
39	14	46			07	6	2	16						1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE		REMARKS	SEQUENCE NUMBER
								0 = None Present	1 = Very Abundant		
3	7	0	04801	0030290	154041			←			2
5	7	0	04801	0040290	154041						2
8	7	0	04801	0170290	154041						2
9	7	0	04801	0570290	154041						2
10	7	0	04801	0050290	154041						2
11	7	0	04801	0180290	154041						2
14	7	0	04802	0230290	154041						2
15	7	0	04801	0070290	154041						2
16	7	0	04905	0060290	154041						2
17	7	0	04905	0070290	154041						2
27	7	0	05307	0110290	154041			13			2
28	7	0	05307	0120290	154041						2
30	7	0	05316	0120290	154041						2
35	7	0	05317	0030290	154041						2
36	7	0	05317	0160290	154041						2
37	7	0	05317	0130290	154041						2
38	7	0	05317	0330290	154041						2
39	7	0	05317	0200290	154041						2
40	7	0	05317	0220290	154041						2
41	7	0	05316	0210290	154041						2
42	7	0	05317	0250290	154041						2
43	7	0	05424	0010290	154041						2
44	7	0	05319	0140290	154041						2
46	7	0	03301	0010290	154041			2			2
47	7	0	03301	0020290	154041						2
48	7	0	03505	0310290	154041						2
49	7	0	06602	0010290	154041						2
50	7	0	06602	0020290	154041						2
51	7	0		0290	154041						2
	7	0		0290	154041						2

SAMPLING STATION NO.	DATE				TIME OF SAMPLE	DEPTH FT.	BASIN SEGMENT				MEDIA CLASS	SUBCODE	METHOD	COUNTY	TIDE	WEATH.	DEPTH								
	Y	M	M	D			D	D	D	D								D	D						
XIF4813	8	9	0	8	08	07	5	9	0	8	0	2	1	3	9	9	7	0	0	1	1	BA	-	1	1

R2

LATITUDE					LONGITUDE					SEQUENCE NUMBER		
D	D	M	S	S	D	D	M	S	S			
3	9	1	4	4	6	0	7	6	2	1	6	1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE				REMARKS	SPECIES NUMBER											
								0 = None Present	1 = Very Abundant	2 = Abundant	3 = Present													
3	7	0	0	4	8	0	1	0	0	3	0	2	9	0	1	5	4	0	4	1		H. filiform	2	
5	7	0	0	4	8	0	1	0	0	4	0	2	9	0	1	5	4	0	4	1		N. succinea	2	
8	7	0	0	4	8	0	1	0	1	7	0	2	9	0	1	5	4	0	4	1		E. heteropo	2	
9	7	0	0	4	8	0	1	0	5	7	0	2	9	0	1	5	4	0	4	1		P. ligni	2	
10	7	0	0	4	8	0	1	0	0	5	0	2	9	0	1	5	4	0	4	1		S. viridis	2	
11	7	0	0	4	8	0	1	0	1	8	0	2	9	0	1	5	4	0	4	1		S. benedict	2	
14	7	0	0	4	8	0	2	0	2	3	0	2	9	0	1	5	4	0	4	1		P. tubifici	2	
15	7	0	0	4	8	0	1	0	0	7	0	2	9	0	1	5	4	0	4	1		C. capitata	2	
16	7	0	0	4	9	0	5	0	0	6	0	2	9	0	1	5	4	0	4	1		I. recurvus	2	
17	7	0	0	4	9	0	5	0	0	7	0	2	9	0	1	5	4	0	4	1		C. leucopha	2	
27	7	0	0	5	3	0	7	0	1	1	0	2	9	0	1	5	4	0	4	1		B. improvis	2	
28	7	0	0	5	3	0	7	0	1	2	0	2	9	0	1	5	4	0	4	1		B. subalbid	2	
30	7	0	0	5	3	1	6	0	1	2	0	2	9	0	1	5	4	0	4	1		C. polita	2	
35	7	0	0	5	3	1	7	0	0	3	0	2	9	0	1	5	4	0	4	1		G. palustr	2	
36	7	0	0	5	3	1	7	0	1	6	0	2	9	0	1	5	4	0	4	1		L. plumos	2	
37	7	0	0	5	3	1	7	0	1	3	0	2	9	0	1	5	4	0	4	1		C. lacustre	2	
38	7	0	0	5	3	1	7	0	3	3	0	2	9	0	1	5	4	0	4	1		G. daiberi	2	
39	7	0	0	5	3	1	7	0	2	0	0	2	9	0	1	5	4	0	4	1		G. tigrinus	2	
40	7	0	0	5	3	1	7	0	2	2	0	2	9	0	1	5	4	0	4	1		M. nitida	2	
41	7	0	0	5	3	1	6	0	2	1	0	2	9	0	1	5	4	0	4	1		C. almyra	2	
42	7	0	0	5	3	1	7	0	2	5	0	2	9	0	1	5	4	0	4	1		M. edwardsi	2	
43	7	0	0	5	4	2	4	0	0	1	0	2	9	0	1	5	4	0	4	1		C. species	2	
44	7	0	0	5	3	1	9	0	1	4	0	2	9	0	1	5	4	0	4	1		R. harrisi	2	
46	7	0	0	3	3	0	1	0	0	1	0	2	9	0	1	5	4	0	4	1		C. caspia	2	
47	7	0	0	3	3	0	1	0	0	2	0	2	9	0	1	5	4	0	4	1		G. francisc	2	
48	7	0	0	3	5	0	5	0	3	1	0	2	9	0	1	5	4	0	4	1		S. elliptic	2	
49	7	0	0	6	6	0	2	0	0	1	0	2	9	0	1	5	4	0	4	1		M. tenuis	2	
50	7	0	0	6	6	0	2	0	0	2	0	2	9	0	1	5	4	0	4	1		V. pavida	2	
51	7	0						0	2	9	0	1	5	4	0	4	1							2
	7	0						0	2	9	0	1	5	4	0	4	1							2

SAMPLING STATION NO.	DATE				TIME OF SAMPLE			DEPTH F.F.	BASIN SEGMENT							MEDIA	CLASS	SUBCODE	METHOD	COUNTY	TIDEE	WEATH.	REPEAT.			
	Y	M	M	D	D	M	S		S	1	2	3	4	5	6									7	8	
XIF-514	8	9	08	08	08	35	08	0	2	1	3	9	9	9	7	7	0	0	1	1	B	A	1	1	1	1

K3

LATITUDE					LONGITUDE					SEQUENCE NUMBER			
D	D	M	M	S	S	D	D	M	M	S	S		
3	9	1	4	3	2	0	7	6	2	1	2		1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SAMPLING	VARIABLE	METHOD	UNITS	VALUE 0 = None Present 1 = Very Abundant 2 = Abundant 3 = Present numbers should be to left of the decimal	REMARKS	SPECIES	NUMBER
5	70	0480	0100	40	290	1540	41	3	N. succinea	2	
8	70	0480	0101	70	290	1540	41		E. heteropo	2	
9	70	0480	0105	70	290	1540	41	3	P. ligni	2	
10	70	0480	0100	50	290	1540	41		S. viridis	2	
11	70	0480	0101	80	290	1540	41		S. benedict	2	
14	70	0480	0202	30	290	1540	41		P. tubifici	2	
15	70	0480	0100	70	290	1540	41		C. capitata	2	
16	70	0490	0500	60	290	1540	41	2	I. recurvus	2	
17	70	0490	0500	70	290	1540	41		C. leucopha	2	
27	70	0530	0701	10	290	1540	41	13	B. improvis	2	
28	70	0530	0701	20	290	1540	41		B. subalbid	2	
30	70	0531	6012	02	290	1540	41		C. polita	2	
35	70	0531	7003	02	290	1540	41		G. palustri	2	
36	70	0531	7016	02	290	1540	41		L. plumos	2	
37	70	0531	7013	02	290	1540	41	1	C. lacustre	2	
38	70	0531	7033	02	290	1540	41		G. daiberi	2	
39	70	0531	7020	02	290	1540	41		G. tigrinus	2	
40	70	0531	7022	02	290	1540	41		M. nitida	2	
41	70	0531	6021	02	290	1540	41		C. almyra	2	
42	70	0531	7025	02	290	1540	41		M. edwardsi	2	
43	70	0542	4001	02	290	1540	41		C. species	2	
44	70	0531	9014	02	290	1540	41		R. harrisi	2	
46	70	0330	1001	02	290	1540	41	3	C. caspia	2	
47	70	0330	1002	02	290	1540	41		G. francisc	2	
48	70	0350	5031	02	290	1540	41		S. elliptic	2	
49	70	0660	2001	02	290	1540	41		M. tenuis	2	
50	70	0660	2002	02	290	1540	41		V. pavida	2	
51	70				02	290	1540	41			2
	70				02	290	1540	41			2

SAMPLING STATION NO.	DATE					TIME OF SAMPLE	DEPTH F.T.	BASIN SEGMENT				MEDIA CLASS SUB CODE	METHOD	COUNTY	TIDE	WEATH.	DEPTH					
	Y	M	M	D	D																	
XIF4518	8	9	0	8	0	8	8	0	2	1	3	9	9	9	7	0	0	1	1	BA	-	1

R4

LATITUDE					LONGITUDE					SEQUENCE NUMBER		
D	M	S	S	S	D	M	S	S	S			
3	9	14	28		0	7	6	2	1	5	0	1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE			REMARKS	SEQUENCE NUMBER															
								0	1	3																	
3	7	0	0	4	8	0	1	0	0	3	0	2	9	0	1	5	4	0	4	1		H. filiform	2				
5	7	0	0	4	8	0	1	0	0	4	0	2	9	0	1	5	4	0	4	1		3	N. succinea	2			
8	7	0	0	4	8	0	1	0	1	7	0	2	9	0	1	5	4	0	4	1			E. heteropo	2			
9	7	0	0	4	8	0	1	0	5	7	0	2	9	0	1	5	4	0	4	1			P. ligni	2			
10	7	0	0	4	8	0	1	0	0	5	0	2	9	0	1	5	4	0	4	1			S. viridis	2			
11	7	0	0	4	8	0	1	0	1	8	0	2	9	0	1	5	4	0	4	1			S. benedict	2			
14	7	0	0	4	8	0	2	0	2	3	0	2	9	0	1	5	4	0	4	1			P. tubifici	2			
15	7	0	0	4	8	0	1	0	0	7	0	2	9	0	1	5	4	0	4	1			C. capitata	2			
16	7	0	0	4	9	0	5	0	0	6	0	2	9	0	1	5	4	0	4	1			3	I. recurvus	2		
17	7	0	0	4	9	0	5	0	0	7	0	2	9	0	1	5	4	0	4	1				C. leucopha	2		
27	7	0	0	5	3	0	7	0	1	1	0	2	9	0	1	5	4	0	4	1			3	B. improvis	2		
28	7	0	0	5	3	0	7	0	1	2	0	2	9	0	1	5	4	0	4	1			2	B. subalbid	2		
30	7	0	0	5	3	1	6	0	1	2	0	2	9	0	1	5	4	0	4	1				C. polita	2		
35	7	0	0	5	3	1	7	0	0	3	0	2	9	0	1	5	4	0	4	1				G. palustri	2		
36	7	0	0	5	3	1	7	0	1	6	0	2	9	0	1	5	4	0	4	1				L. plumosus	2		
37	7	0	0	5	3	1	7	0	1	3	0	2	9	0	1	5	4	0	4	1			1	C. lacustre	2		
38	7	0	0	5	3	1	7	0	3	3	0	2	9	0	1	5	4	0	4	1				G. daiberi	2		
39	7	0	0	5	3	1	7	0	2	0	0	2	9	0	1	5	4	0	4	1				G. tigrinus	2		
40	7	0	0	5	3	1	7	0	2	2	0	2	9	0	1	5	4	0	4	1				M. nitida	2		
41	7	0	0	5	3	1	6	0	2	1	0	2	9	0	1	5	4	0	4	1				C. almyra	2		
42	7	0	0	5	3	1	7	0	2	5	0	2	9	0	1	5	4	0	4	1				M. edwardsi	2		
43	7	0	0	5	4	2	4	0	0	1	0	2	9	0	1	5	4	0	4	1				C. species	2		
44	7	0	0	5	3	1	9	0	1	4	0	2	9	0	1	5	4	0	4	1			3	R. harrisi	2		
46	7	0	0	3	3	0	1	0	0	1	0	2	9	0	1	5	4	0	4	1			3	C. caspia	2		
47	7	0	0	3	3	0	1	0	0	2	0	2	9	0	1	5	4	0	4	1				G. francisc	2		
48	7	0	0	3	5	0	5	0	3	1	0	2	9	0	1	5	4	0	4	1				S. elliptic	2		
49	7	0	0	6	6	0	2	0	0	1	0	2	9	0	1	5	4	0	4	1				M. tenuis	2		
50	7	0	0	6	6	0	2	0	0	2	0	2	9	0	1	5	4	0	4	1			2	V. pavida	2		
51	7	0																									
	7	0																									



SAMPLING STATION NO.	DATE					TIME OF SAMPLE	DEPTH FT.	BASIN SEGMENT					MEDIA CLASS SUBCODE	METHOD	COUNTY	TIDE	WEATH.	REPIT.											
	Y	M	M	D	D																								
XIF36318	8	9	0	8	0	6	0	9	1	5	0	8	0	2	1	3	9	9	7	7	0	0	1	1		BA	-	1	1

R5

LATITUDE					LONGITUDE					SEQUENCE NUMBER		
D	M	M	S	S	D	M	M	S	S			
3	9	1	3	7	0	7	6	2	3	4	7	1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE					REMARKS	SPECIES	NUMBER			
								0	1	2	3							
3	70	048	010	030	290	154	041									H. filiform	2	
5	70	048	010	040	290	154	041									N. succinea	2	
8	70	048	010	170	290	154	041									E. hataropo	2	
9	70	048	010	570	290	154	041									P. ligni	2	
10	70	048	010	050	290	154	041									S. viridis	2	
11	70	048	010	180	290	154	041									S. benedict	2	
14	70	048	020	230	290	154	041									P. tubifici	2	
15	70	048	010	070	290	154	041									C. capitata	2	
16	70	049	050	060	290	154	041									I. recurvus	2	
17	70	049	050	070	290	154	041									C. leucopha	2	
27	70	053	070	110	290	154	041									B. improvis	2	
28	70	053	070	120	290	154	041									B. subalbid	2	
30	70	053	160	120	290	154	041									C. polita	2	
35	70	053	170	030	290	154	041									G. palustri	2	
36	70	053	170	160	290	154	041									L. plumos	2	
37	70	053	170	130	290	154	041									C. lacustre	2	
38	70	053	170	033	290	154	041									G. daiberi	2	
39	70	053	170	200	290	154	041									G. tigrinus	2	
40	70	053	170	220	290	154	041									M. nitida	2	
41	70	053	160	210	290	154	041									C. almyra	2	
42	70	053	170	250	290	154	041									M. edwardsi	2	
43	70	054	240	010	290	154	041									C. species	2	
44	70	053	190	140	290	154	041									R. harrisi	2	
46	70	033	010	010	290	154	041									C. caspia	2	
47	70	033	010	020	290	154	041									G. francisc	2	
48	70	035	050	031	290	154	041									S. elliptic	2	
49	70	066	020	001	290	154	041									M. tenuis	2	
50	70	066	020	002	290	154	041									V. pavida	2	
51	70				290	154	041											2
	70	0			290	154	041											2



SAMPLING STATION NO.	DATE					TIME OF SAMPLE	DEPTH FT.	BASIN SEGMENT	MEDIA CLASS	SUB CODE	METHOD	COUNTY	FIELD	SHEET	PAGE
	Y	M	M	D	D										
XIF4514	8	9	0	8	0	0835	03	0213999770	01	1		BA	-1	1	

R3

LATITUDE					LONGITUDE					SEQUENCE NUMBER				
D	M	M	S	S	D	D	M	M	S	S				
3	9	1	4	32	0	7	6	2	12	3				1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE										REMARKS	SEQUENCE NUMBER	
								0	1	2	3	4	5	6	7	8	9			0
3	70	048	01	003	0290	154	041											H. filiform		2
5	70	048	01	004	0290	154	041											N. succinea		2
8	70	048	01	017	0290	154	041											E. heteropo		2
9	70	048	01	057	0290	154	041											P. ligni		2
10	70	048	01	005	0290	154	041											S. viridis		2
11	70	048	01	018	0290	154	041											S. benedict		2
14	70	048	02	023	0290	154	041											P. tubifici		2
15	70	048	01	007	0290	154	041											C. capitata		2
16	70	049	05	006	0290	154	041											I. recurvus		2
17	70	049	05	007	0290	154	041											C. leucopha		2
27	70	053	07	011	0290	154	041											B. improvis		2
28	70	053	07	012	0290	154	041											B. subalbid		2
30	70	053	16	012	0290	154	041											C. polita		2
35	70	053	17	003	0290	154	041											G. palustr		2
36	70	053	17	016	0290	154	041											L. plumos		2
37	70	053	17	013	0290	154	041											C. lacustre		2
38	70	053	17	033	0290	154	041											G. daiberi		2
39	70	053	17	020	0290	154	041											G. tigrinus		2
40	70	053	17	022	0290	154	041											M. nitida		2
41	70	053	16	021	0290	154	041											C. almyra		2
42	70	053	17	025	0290	154	041											M. edwardsi		2
43	70	054	24	001	0290	154	041											C. species		2
44	70	053	19	014	0290	154	041											R. harrisi		2
46	70	033	01	001	0290	154	041											C. caspia		2
47	70	033	01	002	0290	154	041											G. francisc		2
48	70	035	05	031	0290	154	041											S. elliptic		2
49	70	066	02	001	0290	154	041											M. tenuis		2
50	70	066	02	002	0290	154	041											V. pavida		2
51	70				0290	154	041													2
	70	0			0290	154	041													2

SAMPLING STATION NO.	DATE					TIME OF SAMPLE	DEPTH	BASIN SEGMENT	MEDIAN	CLASS	SUBCODE	METHOD	COUNTY	FIELD	WEATH.	DEPTH										
	Y	M	M	D	D																					
XIF3638	6	9	2	8	0	8	0	3	0	2	1	3	9	9	9	7	7	0	0	1	1		BA	-	1	1

R5

LATITUDE					LONGITUDE					SEQUENCE NUMBER			
D	M	M	S	S	D	D	M	M	S	S			
3	9	1	3	7	0	7	6	2	3	4			1

RESOURCE MONITORING DATA SHEET

SPECIES #	MEDIA	PHYLLUM	CLASS	SPECIES	VARIABLE	METHOD	UNITS	VALUE			REMARKS	SEQUENCE NUMBER																	
								0 = None Present	1 = Very Abundant	3 = Present																			
3	7	0	0	4	8	0	1	0	0	3	0	2	9	0	1	5	4	0	4	1					H. filiform			2	
5	7	0	0	4	8	0	1	0	0	4	0	2	9	0	1	5	4	0	4	1						N. succinea			2
8	7	0	0	4	8	0	1	0	1	7	0	2	9	0	1	5	4	0	4	1						E. heteropo			2
9	7	0	0	4	8	0	1	0	5	7	0	2	9	0	1	5	4	0	4	1						P. ligni			2
10	7	0	0	4	8	0	1	0	0	5	0	2	9	0	1	5	4	0	4	1						S. viridis			2
11	7	0	0	4	8	0	1	0	1	8	0	2	9	0	1	5	4	0	4	1						S. benedict			2
14	7	0	0	4	8	0	2	0	2	3	0	2	9	0	1	5	4	0	4	1						P. tubifici			2
15	7	0	0	4	8	0	1	0	0	7	0	2	9	0	1	5	4	0	4	1						C. capitata			2
16	7	0	0	4	9	0	5	0	0	6	0	2	9	0	1	5	4	0	4	1						I. recurvus			2
17	7	0	0	4	9	0	5	0	0	7	0	2	9	0	1	5	4	0	4	1						C. leucopha			2
27	7	0	0	5	3	0	7	0	1	1	0	2	9	0	1	5	4	0	4	1						B. improvis			2
28	7	0	0	5	3	0	7	0	1	2	0	2	9	0	1	5	4	0	4	1						B. subalbid			2
30	7	0	0	5	3	1	6	0	1	2	0	2	9	0	1	5	4	0	4	1						C. polita			2
35	7	0	0	5	3	1	7	0	0	3	0	2	9	0	1	5	4	0	4	1						G. palustri			2
36	7	0	0	5	3	1	7	0	1	6	0	2	9	0	1	5	4	0	4	1						L. plumosus			2
37	7	0	0	5	3	1	7	0	1	3	0	2	9	0	1	5	4	0	4	1						C. lacustra			2
38	7	0	0	5	3	1	7	0	3	3	0	2	9	0	1	5	4	0	4	1						G. daiberi			2
39	7	0	0	5	3	1	7	0	2	0	0	2	9	0	1	5	4	0	4	1						G. tigrinus			2
40	7	0	0	5	3	1	7	0	2	2	0	2	9	0	1	5	4	0	4	1						M. nitida			2
41	7	0	0	5	3	1	6	0	2	1	0	2	9	0	1	5	4	0	4	1						C. almyra			2
42	7	0	0	5	3	1	7	0	2	5	0	2	9	0	1	5	4	0	4	1						M. edwardsi			2
43	7	0	0	5	4	2	4	0	0	1	0	2	9	0	1	5	4	0	4	1						C. species			2
44	7	0	0	5	3	1	9	0	1	4	0	2	9	0	1	5	4	0	4	1						R. harrisi			2
46	7	0	0	3	3	0	1	0	0	1	0	2	9	0	1	5	4	0	4	1						C. caspia			2
47	7	0	0	3	3	0	1	0	0	2	0	2	9	0	1	5	4	0	4	1						G. francisc			2
48	7	0	0	3	5	0	5	0	3	1	0	2	9	0	1	5	4	0	4	1						S. elliptic			2
49	7	0	0	6	6	0	2	0	0	1	0	2	9	0	1	5	4	0	4	1						M. tenuis			2
50	7	0	0	6	6	0	2	0	0	2	0	2	9	0	1	5	4	0	4	1						V. pavida			2
51	7	0																											2
	7	0																											2

RESOURCE MONITORING DATA STORAGE SYSTEM  
OUTPUT  
EPIFAUNAL AND INFAUNAL SAMPLING

## THE CAS SYSTEM

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WPS STATION	DATE	TIME	DEPTH	COUNTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPCODE	SPCODE	FARAC	UNITS	VALUE
1	XIF3325	881201	1025	12	BA	0	3913170	7622300	1	MICRURA LEIDYI	NO-OFF-IND	COUNT	2
2	XIF3325	881201	1025	12	BA	0	3913170	7622300	2	MICRURA LEIDYI	NO-OFF-IND	COUNT	2
3	XIF3325	881201	1025	12	BA	0	3913170	7622300	1	HETEROMASTUS FILIFORMIS	NO-OFF-IND	COUNT	4
4	XIF3325	881201	1025	12	BA	0	3913170	7622300	2	HETEROMASTUS FILIFORMIS	NO-OFF-IND	COUNT	6
5	XIF3325	881201	1025	12	BA	0	3913170	7622300	3	HETEROMASTUS FILIFORMIS	NO-OFF-IND	COUNT	11
6	XIF3325	881201	1025	12	BA	0	3913170	7622300	1	CLAM WORM	NO-OFF-IND	COUNT	2
7	XIF3325	881201	1025	12	BA	0	3913170	7622300	1	GREEN WORM	NO-OFF-IND	COUNT	2
8	XIF3325	881201	1025	12	BA	0	3913170	7622300	2	GREEN WORM	NO-OFF-IND	COUNT	4
9	XIF3325	881201	1025	12	BA	0	3913170	7622300	3	GREEN WORM	NO-OFF-IND	COUNT	6
10	XIF3325	881201	1025	12	BA	0	3913170	7622300	1	CAPITELLA CAPITATA	NO-OFF-IND	COUNT	1
11	XIF3325	881201	1025	12	BA	0	3913170	7622300	1	PADDLE WORM	NO-OFF-IND	COUNT	1
12	XIF3325	881201	1025	12	BA	0	3913170	7622300	1	PELOSCOLEX SP	NO-OFF-IND	COUNT	44
13	XIF3325	881201	1025	12	BA	0	3913170	7622300	2	PELOSCOLEX SP	NO-OFF-IND	COUNT	30
14	XIF3325	881201	1025	12	BA	0	3913170	7622300	3	PELOSCOLEX SP	NO-OFF-IND	COUNT	51
15	XIF3325	881201	1025	12	BA	0	3913170	7622300	1	LIMNODRILUS HOFFMEISTERI	NO-OFF-IND	COUNT	5
16	XIF3325	881201	1025	12	BA	0	3913170	7622300	2	LIMNODRILUS HOFFMEISTERI	NO-OFF-IND	COUNT	11
17	XIF3325	881201	1025	12	BA	0	3913170	7622300	1	BRACKISH WATER CLAM	NO-OFF-IND	COUNT	9
18	XIF3325	881201	1025	12	BA	0	3913170	7622300	2	BRACKISH WATER CLAM	NO-OFF-IND	COUNT	8
19	XIF3325	881201	1025	12	BA	0	3913170	7622300	3	BRACKISH WATER CLAM	NO-OFF-IND	COUNT	10
20	XIF3325	881201	1025	12	BA	0	3913170	7622300	1	BALTHIC CLAM	NO-OFF-IND	COUNT	27
21	XIF3325	881201	1025	12	BA	0	3913170	7622300	2	BALTHIC CLAM	NO-OFF-IND	COUNT	25
22	XIF3325	881201	1025	12	BA	0	3913170	7622300	3	BALTHIC CLAM	NO-OFF-IND	COUNT	25
23	XIF3325	881201	1025	12	BA	0	3913170	7622300	1	CYATHURA POLITA	NO-OFF-IND	COUNT	18
24	XIF3325	881201	1025	12	BA	0	3913170	7622300	2	CYATHURA POLITA	NO-OFF-IND	COUNT	21
25	XIF3325	881201	1025	12	BA	0	3913170	7622300	3	CYATHURA POLITA	NO-OFF-IND	COUNT	21
26	XIF3325	881201	1025	12	BA	0	3913170	7622300	1	EDOTEA TRILOBA	NO-OFF-IND	COUNT	1
27	XIF3325	881201	1025	12	BA	0	3913170	7622300	1	LEPTOCHEIRUS PLUMULOSUS	NO-OFF-IND	COUNT	11
28	XIF3325	881201	1025	12	BA	0	3913170	7622300	2	LEPTOCHEIRUS PLUMULOSUS	NO-OFF-IND	COUNT	6
29	XIF3325	881201	1025	12	BA	0	3913170	7622300	3	LEPTOCHEIRUS PLUMULOSUS	NO-OFF-IND	COUNT	7
30	XIF4124	881201	1126	13	BA	0	3914080	7622240	1	MICRURA LEIDYI	NO-OFF-IND	COUNT	1
31	XIF4124	881201	1126	13	BA	0	3914080	7622240	2	MICRURA LEIDYI	NO-OFF-IND	COUNT	4
32	XIF4124	881201	1126	13	BA	0	3914080	7622240	3	MICRURA LEIDYI	NO-OFF-IND	COUNT	2
33	XIF4124	881201	1126	13	BA	0	3914080	7622240	1	HETEROMASTUS FILIFORMIS	NO-OFF-IND	COUNT	4
34	XIF4124	881201	1126	13	BA	0	3914080	7622240	2	HETEROMASTUS FILIFORMIS	NO-OFF-IND	COUNT	5
35	XIF4124	881201	1126	13	BA	0	3914080	7622240	3	HETEROMASTUS FILIFORMIS	NO-OFF-IND	COUNT	3
36	XIF4124	881201	1126	13	BA	0	3914080	7622240	1	CLAM WORM	NO-OFF-IND	COUNT	1
37	XIF4124	881201	1126	13	BA	0	3914080	7622240	1	GREEN WORM	NO-OFF-IND	COUNT	6
38	XIF4124	881201	1126	13	BA	0	3914080	7622240	2	GREEN WORM	NO-OFF-IND	COUNT	10
39	XIF4124	881201	1126	13	BA	0	3914080	7622240	3	GREEN WORM	NO-OFF-IND	COUNT	7
40	XIF4124	881201	1126	13	BA	0	3914080	7622240	1	STREBLOSPIO BENEDICTI	NO-OFF-IND	COUNT	2
41	XIF4124	881201	1126	13	BA	0	3914080	7622240	2	STREBLOSPIO BENEDICTI	NO-OFF-IND	COUNT	3
42	XIF4124	881201	1126	13	BA	0	3914080	7622240	3	STREBLOSPIO BENEDICTI	NO-OFF-IND	COUNT	2
43	XIF4124	881201	1126	13	BA	0	3914080	7622240	1	POLYDORA LIGNI	NO-OFF-IND	COUNT	1
44	XIF4124	881201	1126	13	BA	0	3914080	7622240	2	POLYDORA LIGNI	NO-OFF-IND	COUNT	2
45	XIF4124	881201	1126	13	BA	0	3914080	7622240	3	POLYDORA LIGNI	NO-OFF-IND	COUNT	3
46	XIF4124	881201	1126	13	BA	0	3914080	7622240	1	PELOSCOLEX SP	NO-OFF-IND	COUNT	7
47	XIF4124	881201	1126	13	BA	0	3914080	7622240	2	PELOSCOLEX SP	NO-OFF-IND	COUNT	7
48	XIF4124	881201	1126	13	BA	0	3914080	7622240	1	CYATHURA POLITA	NO-OFF-IND	COUNT	3
49	XIF4124	881201	1126	13	BA	0	3914080	7622240	2	CYATHURA POLITA	NO-OFF-IND	COUNT	4
50	XIF4124	881201	1126	13	BA	0	3914080	7622240	3	CYATHURA POLITA	NO-OFF-IND	COUNT	4
51	XIF4124	881201	1126	13	BA	0	3914080	7622240	1	COROPHIUM LACUSTRE	NO-OFF-IND	COUNT	2
52	XIF4124	881201	1126	13	BA	0	3914080	7622240	2	COROPHIUM LACUSTRE	NO-OFF-IND	COUNT	4
53	XIF4327	881201	1105	9	BA	0	3914170	7622410	1	MICRURA LEIDYI	NO-OFF-IND	COUNT	2
54	XIF4327	881201	1105	9	BA	0	3914170	7622410	2	MICRURA LEIDYI	NO-OFF-IND	COUNT	4
55	XIF4327	881201	1105	9	BA	0	3914170	7622410	1	HETEROMASTUS FILIFORMIS	NO-OFF-IND	COUNT	26
56	XIF4327	881201	1105	9	BA	0	3914170	7622410	2	HETEROMASTUS FILIFORMIS	NO-OFF-IND	COUNT	14

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OBS	STATION	DATE	TIME	DEPTH	COUNTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPCODE	SPCODE	PARAM	UNITS	VALUE
57	XIF4327	881201	1105	9	BA	0	0	3914170	7622410	3		HETEROMASTUS FILIFORMIS	NO-OF-IND COUNT	18
58	XIF4327	881201	1105	9	BA	0	0	3914170	7622410	1		CLAM WORM	NO-OF-IND COUNT	1
59	XIF4327	881201	1105	9	BA	0	0	3914170	7622410	2		CLAM WORM	NO-OF-IND COUNT	3
60	XIF4327	881201	1105	9	BA	0	0	3914170	7622410	1		GREEN WORM	NO-OF-IND COUNT	22
61	XIF4327	881201	1105	9	BA	0	0	3914170	7622410	2		GREEN WORM	NO-OF-IND COUNT	13
62	XIF4327	881201	1105	9	BA	0	0	3914170	7622410	3		GREEN WORM	NO-OF-IND COUNT	5
63	XIF4327	881201	1105	9	BA	0	0	3914170	7622410	1		STREBLOSPIO BENEDICTI	NO-OF-IND COUNT	8
64	XIF4327	881201	1105	9	BA	0	0	3914170	7622410	2		STREBLOSPIO BENEDICTI	NO-OF-IND COUNT	16
65	XIF4327	881201	1105	9	BA	0	0	3914170	7622410	3		STREBLOSPIO BENEDICTI	NO-OF-IND COUNT	2
66	XIF4327	881201	1105	9	BA	0	0	3914170	7622410	1		PELISCOLEX SP	NO-OF-IND COUNT	236
67	XIF4327	881201	1105	9	BA	0	0	3914170	7622410	2		PELISCOLEX SP	NO-OF-IND COUNT	329
68	XIF4327	881201	1105	9	BA	0	0	3914170	7622410	3		PELISCOLEX SP	NO-OF-IND COUNT	206
69	XIF4327	881201	1105	9	BA	0	0	3914170	7622410	1		BALTHIC CLAM	NO-OF-IND COUNT	1
70	XIF4327	881201	1105	9	BA	0	0	3914170	7622410	2		BALTHIC CLAM	NO-OF-IND COUNT	1
71	XIF4327	881201	1105	9	BA	0	0	3914170	7622410	1		MITCHELLS CLAM	NO-OF-IND COUNT	2
72	XIF4327	881201	1105	9	BA	0	0	3914170	7622410	1		CYATHURA POLITA	NO-OF-IND COUNT	7
73	XIF4327	881201	1105	9	BA	0	0	3914170	7622410	2		CYATHURA POLITA	NO-OF-IND COUNT	8
74	XIF4327	881201	1105	9	BA	0	0	3914170	7622410	3		CYATHURA POLITA	NO-OF-IND COUNT	6
75	XIF4327	881201	1105	9	BA	0	0	3914170	7622410	1		COROPHIUM LACUSTRE	NO-OF-IND COUNT	1
76	XIF4327	881201	1105	9	BA	0	0	3914170	7622410	2		COROPHIUM LACUSTRE	NO-OF-IND COUNT	2
77	XIF4420	881201	1143	18	BA	0	0	3914230	7622000	1		MICRURA LEIDYI	NO-OF-IND COUNT	2
78	XIF4420	881201	1143	18	BA	0	0	3914230	7622000	2		MICRURA LEIDYI	NO-OF-IND COUNT	2
79	XIF4420	881201	1143	18	BA	0	0	3914230	7622000	1		HETEROMASTUS FILIFORMIS	NO-OF-IND COUNT	15
80	XIF4420	881201	1143	18	BA	0	0	3914230	7622000	2		HETEROMASTUS FILIFORMIS	NO-OF-IND COUNT	1
81	XIF4420	881201	1143	18	BA	0	0	3914230	7622000	3		HETEROMASTUS FILIFORMIS	NO-OF-IND COUNT	5
82	XIF4420	881201	1143	18	BA	0	0	3914230	7622000	1		GREEN WORM	NO-OF-IND COUNT	3
83	XIF4420	881201	1143	18	BA	0	0	3914230	7622000	2		GREEN WORM	NO-OF-IND COUNT	4
84	XIF4420	881201	1143	18	BA	0	0	3914230	7622000	3		GREEN WORM	NO-OF-IND COUNT	2
85	XIF4420	881201	1143	18	BA	0	0	3914230	7622000	1		PADDLE WORM	NO-OF-IND COUNT	1
86	XIF4420	881201	1143	18	BA	0	0	3914230	7622000	1		STREBLOSPIO BENEDICTI	NO-OF-IND COUNT	9
87	XIF4420	881201	1143	18	BA	0	0	3914230	7622000	2		STREBLOSPIO BENEDICTI	NO-OF-IND COUNT	1
88	XIF4420	881201	1143	18	BA	0	0	3914230	7622000	3		STREBLOSPIO BENEDICTI	NO-OF-IND COUNT	11
89	XIF4420	881201	1143	18	BA	0	0	3914230	7622000	1		POLYDORA LIGHT	NO-OF-IND COUNT	3
90	XIF4420	881201	1143	18	BA	0	0	3914230	7622000	1		PELISCOLEX SP	NO-OF-IND COUNT	33
91	XIF4420	881201	1143	18	BA	0	0	3914230	7622000	2		PELISCOLEX SP	NO-OF-IND COUNT	34
92	XIF4420	881201	1143	18	BA	0	0	3914230	7622000	1		BRACKISH WATER CLAM	NO-OF-IND COUNT	4
93	XIF4420	881201	1143	18	BA	0	0	3914230	7622000	2		BRACKISH WATER CLAM	NO-OF-IND COUNT	1
94	XIF4420	881201	1143	18	BA	0	0	3914230	7622000	3		BRACKISH WATER CLAM	NO-OF-IND COUNT	3
95	XIF4420	881201	1143	18	BA	0	0	3914230	7622000	1		BALTHIC CLAM	NO-OF-IND COUNT	4
96	XIF4420	881201	1143	18	BA	0	0	3914230	7622000	2		BALTHIC CLAM	NO-OF-IND COUNT	1
97	XIF4420	881201	1143	18	BA	0	0	3914230	7622000	3		BALTHIC CLAM	NO-OF-IND COUNT	4
98	XIF4420	881201	1143	18	BA	0	0	3914230	7622000	1		MITCHELLS CLAM	NO-OF-IND COUNT	1
99	XIF4420	881201	1143	18	BA	0	0	3914230	7622000	1		CYATHURA POLITA	NO-OF-IND COUNT	10
100	XIF4420	881201	1143	18	BA	0	0	3914230	7622000	2		CYATHURA POLITA	NO-OF-IND COUNT	8
101	XIF4420	881201	1143	18	BA	0	0	3914230	7622000	3		CYATHURA POLITA	NO-OF-IND COUNT	7
102	XIF4420	881201	1143	18	BA	0	0	3914230	7622000	1		LEPTOCHEIRUS PLUMULOSUS	NO-OF-IND COUNT	6
103	XIF4420	881201	1143	18	BA	0	0	3914230	7622000	2		LEPTOCHEIRUS PLUMULOSUS	NO-OF-IND COUNT	16
104	XIF4420	881201	1143	18	BA	0	0	3914230	7622000	3		LEPTOCHEIRUS PLUMULOSUS	NO-OF-IND COUNT	4
105	XIF4715	881201	1210	13	BA	0	0	3914400	7621280	1		MICRURA LEIDYI	NO-OF-IND COUNT	2
106	XIF4715	881201	1210	13	BA	0	0	3914400	7621280	2		MICRURA LEIDYI	NO-OF-IND COUNT	2
107	XIF4715	881201	1210	13	BA	0	0	3914400	7621280	3		MICRURA LEIDYI	NO-OF-IND COUNT	3
108	XIF4715	881201	1210	13	BA	0	0	3914400	7621280	1		HETEROMASTUS FILIFORMIS	NO-OF-IND COUNT	18
109	XIF4715	881201	1210	13	BA	0	0	3914400	7621280	2		HETEROMASTUS FILIFORMIS	NO-OF-IND COUNT	15
110	XIF4715	881201	1210	13	BA	0	0	3914400	7621280	3		HETEROMASTUS FILIFORMIS	NO-OF-IND COUNT	7
111	XIF4715	881201	1210	13	BA	0	0	3914400	7621280	1		CLAM WORM	NO-OF-IND COUNT	2
112	XIF4715	881201	1210	13	BA	0	0	3914400	7621280	1		GREEN WORM	NO-OF-IND COUNT	14

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OHS STATION	DATE	TIME	DEPTH	COUNTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPCODE	SPCODE	PARAM	UNITS	VALUE
113	XIF4715	881201	1210	13	BA	0	3914400	7621280	2	GREEN WORM	NO-OF-IND	COUNT	3
114	XIF4715	881201	1210	13	BA	0	3914400	7621280	3	GREEN WORM	NO-OF-IND	COUNT	8
115	XIF4715	881201	1210	13	BA	0	3914400	7621280	1	STREBLOSPIO BENEDICTI	NO-OF-IND	COUNT	1
116	XIF4715	881201	1210	13	BA	0	3914400	7621280	2	STREBLOSPIO BENEDICTI	NO-OF-IND	COUNT	6
117	XIF4715	881201	1210	13	BA	0	3914400	7621280	3	STREBLOSPIO BENEDICTI	NO-OF-IND	COUNT	2
118	XIF4715	881201	1210	13	BA	0	3914400	7621280	1	PELOSCOLEX SP	NO-OF-IND	COUNT	46
119	XIF4715	881201	1210	13	BA	0	3914400	7621280	2	PELOSCOLEX SP	NO-OF-IND	COUNT	33
120	XIF4715	881201	1210	13	BA	0	3914400	7621280	3	PELOSCOLEX SP	NO-OF-IND	COUNT	4
121	XIF4715	881201	1210	13	BA	0	3914400	7621280	1	BRACKISH WATER CLAM	NO-OF-IND	COUNT	3
122	XIF4715	881201	1210	13	BA	0	3914400	7621280	2	BRACKISH WATER CLAM	NO-OF-IND	COUNT	1
123	XIF4715	881201	1210	13	BA	0	3914400	7621280	3	BRACKISH WATER CLAM	NO-OF-IND	COUNT	3
124	XIF4715	881201	1210	13	BA	0	3914400	7621280	1	BALTHIC CLAM	NO-OF-IND	COUNT	14
125	XIF4715	881201	1210	13	BA	0	3914400	7621280	2	BALTHIC CLAM	NO-OF-IND	COUNT	15
126	XIF4715	881201	1210	13	BA	0	3914400	7621280	3	BALTHIC CLAM	NO-OF-IND	COUNT	8
127	XIF4715	881201	1210	13	BA	0	3914400	7621280	1	MITCHELLS CLAM	NO-OF-IND	COUNT	2
129	XIF4715	881201	1210	13	BA	0	3914400	7621280	2	MITCHELLS CLAM	NO-OF-IND	COUNT	2
129	XIF4715	881201	1210	13	BA	0	3914400	7621280	3	MITCHELLS CLAM	NO-OF-IND	COUNT	1
130	XIF4715	881201	1210	13	BA	0	3914400	7621280	1	CYATHURA POLITA	NO-OF-IND	COUNT	9
131	XIF4715	881201	1210	13	BA	0	3914400	7621280	2	CYATHURA POLITA	NO-OF-IND	COUNT	9
132	XIF4715	881201	1210	13	BA	0	3914400	7621280	3	CYATHURA POLITA	NO-OF-IND	COUNT	1
133	XIF4715	881201	1210	13	BA	0	3914400	7621280	1	MUD CRAB	NO-OF-IND	COUNT	1
134	XIF4811	881201	1245	15	BA	0	3914500	7621070	1	MICRURA LEIDYI	NO-OF-IND	COUNT	9
135	XIF4811	881201	1245	15	BA	0	3914500	7621070	2	MICRURA LEIDYI	NO-OF-IND	COUNT	12
136	XIF4811	881201	1245	15	BA	0	3914500	7621070	1	HETEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	28
137	XIF4811	881201	1245	15	BA	0	3914500	7621070	2	HETEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	18
138	XIF4811	881201	1245	15	BA	0	3914500	7621070	3	HETEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	20
139	XIF4811	881201	1245	15	BA	0	3914500	7621070	1	GREEN WORM	NO-OF-IND	COUNT	6
140	XIF4811	881201	1245	15	BA	0	3914500	7621070	2	GREEN WORM	NO-OF-IND	COUNT	1
141	XIF4811	881201	1245	15	BA	0	3914500	7621070	1	STREBLOSPIO BENEDICTI	NO-OF-IND	COUNT	17
142	XIF4811	881201	1245	15	BA	0	3914500	7621070	2	STREBLOSPIO BENEDICTI	NO-OF-IND	COUNT	1
143	XIF4811	881201	1245	15	BA	0	3914500	7621070	1	POLYDORA LIGNI	NO-OF-IND	COUNT	2
144	XIF4811	881201	1245	15	BA	0	3914500	7621070	1	PELOSCOLEX SP	NO-OF-IND	COUNT	16
145	XIF4811	881201	1245	15	BA	0	3914500	7621070	2	PELOSCOLEX SP	NO-OF-IND	COUNT	5
146	XIF4811	881201	1245	15	BA	0	3914500	7621070	3	PELOSCOLEX SP	NO-OF-IND	COUNT	31
147	XIF4811	881201	1245	15	BA	0	3914500	7621070	1	BRACKISH WATER CLAM	NO-OF-IND	COUNT	1
148	XIF4811	881201	1245	15	BA	0	3914500	7621070	2	BRACKISH WATER CLAM	NO-OF-IND	COUNT	1
149	XIF4811	881201	1245	15	BA	0	3914500	7621070	1	BALTHIC CLAM	NO-OF-IND	COUNT	2
150	XIF4811	881201	1245	15	BA	0	3914500	7621070	2	BALTHIC CLAM	NO-OF-IND	COUNT	4
151	XIF4811	881201	1245	15	BA	0	3914500	7621070	1	MITCHELLS CLAM	NO-OF-IND	COUNT	1
152	XIF4811	881201	1245	15	BA	0	3914500	7621070	2	MITCHELLS CLAM	NO-OF-IND	COUNT	1
153	XIF4811	881201	1245	15	BA	0	3914500	7621070	1	EDOTEA TRILOBA	NO-OF-IND	COUNT	1
154	XIF4811	881201	1245	15	BA	0	3914500	7621070	1	CASSIDINIDEA LUNIFRONS	NO-OF-IND	COUNT	6
155	XIF4811	881201	1245	15	BA	0	3914500	7621070	2	CASSIDINIDEA LUNIFRONS	NO-OF-IND	COUNT	2
156	XIF4811	881201	1245	15	BA	0	3914500	7621070	3	CASSIDINIDEA LUNIFRONS	NO-OF-IND	COUNT	2
157	XIF4811	881201	1245	15	BA	0	3914500	7621070	1	COROPHIUM LACUSTRE	NO-OF-IND	COUNT	1
158	XIF5145	881201	1701	16	BA	0	3914390	7623550	1	MICRURA LEIDYI	NO-OF-IND	COUNT	6
159	XIF5145	881201	1701	16	BA	0	3914390	7623550	2	MICRURA LEIDYI	NO-OF-IND	COUNT	2
160	XIF5145	881201	1701	16	BA	0	3914390	7623550	1	UNIDENT NEMATODES	NO-OF-IND	COUNT	3
161	XIF5145	881201	1701	16	BA	0	3914390	7623550	2	UNIDENT NEMATODES	NO-OF-IND	COUNT	2
162	XIF5145	881201	1701	16	BA	0	3914390	7623550	1	HETEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	18
163	XIF5145	881201	1701	16	BA	0	3914390	7623550	2	HETEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	6
164	XIF5145	881201	1701	16	BA	0	3914390	7623550	3	HETEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	9
165	XIF5145	881201	1701	16	BA	0	3914390	7623550	1	GREEN WORM	NO-OF-IND	COUNT	2
166	XIF5145	881201	1701	16	BA	0	3914390	7623550	2	GREEN WORM	NO-OF-IND	COUNT	3
167	XIF5145	881201	1701	16	BA	0	3914390	7623550	1	PADDLE WORM	NO-OF-IND	COUNT	2
168	XIF5145	881201	1701	16	BA	0	3914390	7623550	2	PADDLE WORM	NO-OF-IND	COUNT	2

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OBS	STATION	DATE	TIME	DEPTH	COUNTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPCODE	SPCODE	PARAM	UNITS	VALUE
169	XIF5145	881201	1701	16	BA		0	3914390	7623550	3	PADOLE WORM	NO-OF-IND	COUNT	5
170	XIF5145	881201	1701	16	BA		0	3914390	7623550	1	STREBLOSPIO BENEDICTI	NO-OF-IND	COUNT	146
171	XIF5145	881201	1701	16	BA		0	3914390	7623550	2	STREBLOSPIO BENEDICTI	NO-OF-IND	COUNT	77
172	XIF5145	881201	1701	16	BA		0	3914390	7623550	3	STREBLOSPIO BENEDICTI	NO-OF-IND	COUNT	55
173	XIF5145	881201	1701	16	BA		0	3914390	7623550	1	POLYDORA LIGNI	NO-OF-IND	COUNT	1
174	XIF5145	881201	1701	16	BA		0	3914390	7623550	1	PELISCOLEX SP	NO-OF-IND	COUNT	3129
175	XIF5145	881201	1701	16	BA		0	3914390	7623550	2	PELISCOLEX SP	NO-OF-IND	COUNT	786
176	XIF5145	881201	1701	16	BA		0	3914390	7623550	3	PELISCOLEX SP	NO-OF-IND	COUNT	772
177	XIF5145	881201	1701	16	BA		0	3914390	7623550	1	LINODRILUS HOFFMEISTERI	NO-OF-IND	COUNT	11
178	XIF5145	881201	1701	16	BA		0	3914390	7623550	1	BRACKISH WATER CLAM	NO-OF-IND	COUNT	2
179	XIF5145	881201	1701	16	BA		0	3914390	7623550	2	BRACKISH WATER CLAM	NO-OF-IND	COUNT	2
180	XIF5145	881201	1701	16	BA		0	3914390	7623550	1	BALTHIC CLAM	NO-OF-IND	COUNT	2
181	XIF5145	881201	1701	16	BA		0	3914390	7623550	2	BALTHIC CLAM	NO-OF-IND	COUNT	1
182	XIF5145	881201	1701	16	BA		0	3914390	7623550	1	MITCHELLS CLAM	NO-OF-IND	COUNT	2
183	XIF5145	881201	1701	16	BA		0	3914390	7623550	2	MITCHELLS CLAM	NO-OF-IND	COUNT	1
184	XIF5145	881201	1701	16	BA		0	3914390	7623550	1	CYATHURA POLITA	NO-OF-IND	COUNT	7
185	XIF5145	881201	1701	16	BA		0	3914390	7623550	2	CYATHURA POLITA	NO-OF-IND	COUNT	1
186	XIF5145	881201	1701	16	BA		0	3914390	7623550	3	CYATHURA POLITA	NO-OF-IND	COUNT	6
187	XIF5145	881201	1701	16	BA		0	3914390	7623550	1	EDOTEA TRILOBA	NO-OF-IND	COUNT	1
188	XIF5145	881201	1701	16	BA		0	3914390	7623550	2	EDOTEA TRILOBA	NO-OF-IND	COUNT	1
189	XIF5145	881201	1701	16	BA		0	3914390	7623550	3	EDOTEA TRILOBA	NO-OF-IND	COUNT	1
190	XIF5145	881201	1701	16	BA		0	3914390	7623550	1	GAMMARUS PALUSTRIS	NO-OF-IND	COUNT	1
191	XIF5145	881201	1701	16	BA		0	3914390	7623550	1	COROPHIUM LACUSTRE	NO-OF-IND	COUNT	1
192	XIF5145	881201	1701	16	BA		0	3914390	7623550	1	LEPTOCHEIRUS PLUMULOSUS	NO-OF-IND	COUNT	3
193	XIF5145	881201	1701	16	BA		0	3914390	7623550	2	LEPTOCHEIRUS PLUMULOSUS	NO-OF-IND	COUNT	1
194	XIF5145	881201	1701	16	BA		0	3914390	7623550	1	UNIDENTIFIED CHIRONOMID LARVAE	NO-OF-IND	COUNT	1
195	XIF5297	881201	1401	12	BA		0	3915330	7619530	1	METERONASTUS FILIFORMIS	NO-OF-IND	COUNT	1
196	XIF5297	881201	1401	12	BA		0	3915330	7619530	2	METERONASTUS FILIFORMIS	NO-OF-IND	COUNT	1
197	XIF5297	881201	1401	12	BA		0	3915330	7619530	3	METERONASTUS FILIFORMIS	NO-OF-IND	COUNT	6
198	XIF5297	881201	1401	12	BA		0	3915330	7619530	1	GREEN WORM	NO-OF-IND	COUNT	2
199	XIF5297	881201	1401	12	BA		0	3915330	7619530	2	GREEN WORM	NO-OF-IND	COUNT	1
200	XIF5297	881201	1401	12	BA		0	3915330	7619530	1	STREBLOSPIO BENEDICTI	NO-OF-IND	COUNT	8
201	XIF5297	881201	1401	12	BA		0	3915330	7619530	2	STREBLOSPIO BENEDICTI	NO-OF-IND	COUNT	3
202	XIF5297	881201	1401	12	BA		0	3915330	7619530	3	STREBLOSPIO BENEDICTI	NO-OF-IND	COUNT	3
203	XIF5297	881201	1401	12	BA		0	3915330	7619530	1	PELISCOLEX SP	NO-OF-IND	COUNT	2
204	XIF5297	881201	1401	12	BA		0	3915330	7619530	2	PELISCOLEX SP	NO-OF-IND	COUNT	3
205	XIF5297	881201	1401	12	BA		0	3915330	7619530	1	BRACKISH WATER CLAM	NO-OF-IND	COUNT	1
206	XIF5297	881201	1401	12	BA		0	3915330	7619530	2	BRACKISH WATER CLAM	NO-OF-IND	COUNT	1
207	XIF5297	881201	1401	12	BA		0	3915330	7619530	1	CYATHURA POLITA	NO-OF-IND	COUNT	1
208	XIF5297	881201	1401	12	BA		0	3915330	7619530	2	CYATHURA POLITA	NO-OF-IND	COUNT	2
209	XIF5297	881201	1401	12	BA		0	3915330	7619530	1	COROPHIUM LACUSTRE	NO-OF-IND	COUNT	4
210	XIF5406	881201	1305	12	BA		0	3915250	7620350	1	MICRURA LEIDYI	NO-OF-IND	COUNT	1
211	XIF5406	881201	1305	12	BA		0	3915250	7620350	2	MICRURA LEIDYI	NO-OF-IND	COUNT	1
212	XIF5406	881201	1305	12	BA		0	3915250	7620350	1	METERONASTUS FILIFORMIS	NO-OF-IND	COUNT	2
213	XIF5406	881201	1305	12	BA		0	3915250	7620350	2	METERONASTUS FILIFORMIS	NO-OF-IND	COUNT	3
214	XIF5406	881201	1305	12	BA		0	3915250	7620350	1	CLAM WORM	NO-OF-IND	COUNT	6
215	XIF5406	881201	1305	12	BA		0	3915250	7620350	2	CLAM WORM	NO-OF-IND	COUNT	4
216	XIF5406	881201	1305	12	BA		0	3915250	7620350	3	CLAM WORM	NO-OF-IND	COUNT	9
217	XIF5406	881201	1305	12	BA		0	3915250	7620350	1	STREBLOSPIO BENEDICTI	NO-OF-IND	COUNT	22
218	XIF5406	881201	1305	12	BA		0	3915250	7620350	2	STREBLOSPIO BENEDICTI	NO-OF-IND	COUNT	-17
219	XIF5406	881201	1305	12	BA		0	3915250	7620350	3	STREBLOSPIO BENEDICTI	NO-OF-IND	COUNT	14
220	XIF5406	881201	1305	12	BA		0	3915250	7620350	1	POLYDORA LIGNI	NO-OF-IND	COUNT	25
221	XIF5406	881201	1305	12	BA		0	3915250	7620350	2	POLYDORA LIGNI	NO-OF-IND	COUNT	4
222	XIF5406	881201	1305	12	BA		0	3915250	7620350	3	POLYDORA LIGNI	NO-OF-IND	COUNT	11
223	XIF5406	881201	1305	12	BA		0	3915250	7620350	1	LINODRILUS HOFFMEISTERI	NO-OF-IND	COUNT	6
224	XIF5406	881201	1305	12	BA		0	3915250	7620350	2	LINODRILUS HOFFMEISTERI	NO-OF-IND	COUNT	3

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DRS	STATION	DATE	TIME	DEPTH	COUNTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPCODE	SPCODE	PARAM	UNITS	VALUE
225	XIF5406	881201	1305	12	BA		0	3915250	7620350	1	LIMNODRILUS HOFFMEISTERI	NO-OF-IND	COUNT	9
226	XIF5406	881201	1305	12	BA		0	3915250	7620350	1	ISCHADIUM RECURVUM	NO-OF-IND	COUNT	1
227	XIF5406	881201	1305	12	BA		0	3915250	7620350	2	ISCHADIUM RECURVUM	NO-OF-IND	COUNT	1
228	XIF5406	881201	1305	12	BA		0	3915250	7620350	3	ISCHADIUM RECURVUM	NO-OF-IND	COUNT	1
229	XIF5406	881201	1305	12	BA		0	3915250	7620350	1	BRACKISH WATER CLAM	NO-OF-IND	COUNT	1
230	XIF5406	881201	1305	12	BA		0	3915250	7620350	1	BARNACLE	NO-OF-IND	COUNT	11
231	XIF5406	881201	1305	12	BA		0	3915250	7620350	2	BARNACLE	NO-OF-IND	COUNT	4
232	XIF5406	881201	1305	12	BA		0	3915250	7620350	3	BARNACLE	NO-OF-IND	COUNT	10
233	XIF5406	881201	1305	12	BA		0	3915250	7620350	1	WHITE BARNACLE	NO-OF-IND	COUNT	4
234	XIF5406	881201	1305	12	BA		0	3915250	7620350	2	WHITE BARNACLE	NO-OF-IND	COUNT	2
235	XIF5406	881201	1305	12	BA		0	3915250	7620350	3	WHITE BARNACLE	NO-OF-IND	COUNT	1
236	XIF5406	881201	1305	12	BA		0	3915250	7620350	1	CYATHURA POLITA	NO-OF-IND	COUNT	1
237	XIF5406	881201	1305	12	BA		0	3915250	7620350	1	CASSIDINIDEA LUNIFRONS	NO-OF-IND	COUNT	4
238	XIF5406	881201	1305	12	BA		0	3915250	7620350	2	CASSIDINIDEA LUNIFRONS	NO-OF-IND	COUNT	1
239	XIF5406	881201	1305	12	BA		0	3915250	7620350	3	CASSIDINIDEA LUNIFRONS	NO-OF-IND	COUNT	3
240	XIF5406	881201	1305	12	BA		0	3915250	7620350	1	COROPHIUM LACUSTRE	NO-OF-IND	COUNT	2
241	XIF5406	881201	1305	12	BA		0	3915250	7620350	2	COROPHIUM LACUSTRE	NO-OF-IND	COUNT	3
242	XIF5406	881201	1305	12	BA		0	3915250	7620350	3	COROPHIUM LACUSTRE	NO-OF-IND	COUNT	3
243	XIF5406	881201	1305	12	BA		0	3915250	7620350	1	MUD CRAB	NO-OF-IND	COUNT	6
244	XIF5406	881201	1305	12	BA		0	3915250	7620350	2	MUD CRAB	NO-OF-IND	COUNT	2
245	XIF5406	881201	1305	12	BA		0	3915250	7620350	3	MUD CRAB	NO-OF-IND	COUNT	2
246	XIF5710	881201	1440	6	BA		0	3915390	7620570	1	MICRURA LEIDYI	NO-OF-IND	COUNT	2
247	XIF5710	881201	1440	6	BA		0	3915390	7620570	1	HETEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	10
248	XIF5710	881201	1440	6	BA		0	3915390	7620570	2	HETEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	11
249	XIF5710	881201	1440	6	BA		0	3915390	7620570	3	HETEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	32
250	XIF5710	881201	1440	6	BA		0	3915390	7620570	1	GREEN WORM	NO-OF-IND	COUNT	6
251	XIF5710	881201	1440	6	BA		0	3915390	7620570	2	GREEN WORM	NO-OF-IND	COUNT	3
252	XIF5710	881201	1440	6	BA		0	3915390	7620570	3	GREEN WORM	NO-OF-IND	COUNT	6
253	XIF5710	881201	1440	6	BA		0	3915390	7620570	1	STREBLOSPIO BENEDICTI	NO-OF-IND	COUNT	10
254	XIF5710	881201	1440	6	BA		0	3915390	7620570	2	STREBLOSPIO BENEDICTI	NO-OF-IND	COUNT	0
255	XIF5710	881201	1440	6	BA		0	3915390	7620570	3	STREBLOSPIO BENEDICTI	NO-OF-IND	COUNT	10
256	XIF5710	881201	1440	6	BA		0	3915390	7620570	1	POLYDORA LIGNI	NO-OF-IND	COUNT	27
257	XIF5710	881201	1440	6	BA		0	3915390	7620570	2	POLYDORA LIGNI	NO-OF-IND	COUNT	18
258	XIF5710	881201	1440	6	BA		0	3915390	7620570	3	POLYDORA LIGNI	NO-OF-IND	COUNT	18
259	XIF5710	881201	1440	6	BA		0	3915390	7620570	1	PELOSCOLEX SP	NO-OF-IND	COUNT	63
260	XIF5710	881201	1440	6	BA		0	3915390	7620570	2	PELOSCOLEX SP	NO-OF-IND	COUNT	50
261	XIF5710	881201	1440	6	BA		0	3915390	7620570	3	PELOSCOLEX SP	NO-OF-IND	COUNT	28
262	XIF5710	881201	1440	6	BA		0	3915390	7620570	1	LIMNODRILUS HOFFMEISTERI	NO-OF-IND	COUNT	1
263	XIF5710	881201	1440	6	BA		0	3915390	7620570	1	BRACKISH WATER CLAM	NO-OF-IND	COUNT	51
264	XIF5710	881201	1440	6	BA		0	3915390	7620570	2	BRACKISH WATER CLAM	NO-OF-IND	COUNT	22
265	XIF5710	881201	1440	6	BA		0	3915390	7620570	3	BRACKISH WATER CLAM	NO-OF-IND	COUNT	64
266	XIF5710	881201	1440	6	BA		0	3915390	7620570	1	HITCHELLE'S CLAM	NO-OF-IND	COUNT	1
267	XIF5710	881201	1440	6	BA		0	3915390	7620570	1	CYATHURA POLITA	NO-OF-IND	COUNT	6
268	XIF5710	881201	1440	6	BA		0	3915390	7620570	2	CYATHURA POLITA	NO-OF-IND	COUNT	2
269	XIF5710	881201	1440	6	BA		0	3915390	7620570	3	CYATHURA POLITA	NO-OF-IND	COUNT	2
270	XIF5710	881201	1440	6	BA		0	3915390	7620570	1	EDOTEA TRILOBA	NO-OF-IND	COUNT	1
271	XIF5710	881201	1440	6	BA		0	3915390	7620570	1	COROPHIUM LACUSTRE	NO-OF-IND	COUNT	1
272	XIF5710	881201	1440	6	BA		0	3915390	7620570	2	COROPHIUM LACUSTRE	NO-OF-IND	COUNT	1
273	XIF5710	881201	1440	6	BA		0	3915390	7620570	3	COROPHIUM LACUSTRE	NO-OF-IND	COUNT	3
274	XIF6388	881201	1502	10	BA		0	3916150	7620500	1	MICRURA LEIDYI	NO-OF-IND	COUNT	2
275	XIF6388	881201	1502	10	BA		0	3916150	7620500	2	MICRURA LEIDYI	NO-OF-IND	COUNT	1
276	XIF6388	881201	1502	10	BA		0	3916150	7620500	1	HETEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	1
277	XIF6388	881201	1502	10	BA		0	3916150	7620500	2	HETEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	2
278	XIF6388	881201	1502	10	BA		0	3916150	7620500	1	GREEN WORM	NO-OF-IND	COUNT	1
279	XIF6388	881201	1502	10	BA		0	3916150	7620500	2	GREEN WORM	NO-OF-IND	COUNT	3
280	XIF6388	881201	1502	10	BA		0	3916150	7620500	3	GREEN WORM	NO-OF-IND	COUNT	3

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OBS	STATION	DATE	TIME	DEPTH	COUNTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPCODE	SPCODE	PARAM	UNITS	VALUE
281	XIF6388	081201	1502	10	BA		0	3916150	7620500	1	STREBLOSPIO BENEDICTI	NO-OF-IND	COUNT	4
282	XIF6388	081201	1502	10	BA		0	3916150	7620500	2	STREBLOSPIO BENEDICTI	NO-OF-IND	COUNT	1
283	XIF6388	081201	1502	10	BA		0	3916150	7620500	3	STREBLOSPIO BENEDICTI	NO-OF-IND	COUNT	7
284	XIF6388	081201	1502	10	BA		0	3916150	7620500	1	POLYDORA LIGNI	NO-OF-IND	COUNT	1
285	XIF6388	081201	1502	10	BA		0	3916150	7620500	2	POLYDORA LIGNI	NO-OF-IND	COUNT	8
286	XIF6388	081201	1502	10	BA		0	3916150	7620500	1	PELOSCOLEX SP	NO-OF-IND	COUNT	16
287	XIF6388	081201	1502	10	BA		0	3916150	7620500	2	PELOSCOLEX SP	NO-OF-IND	COUNT	6
289	XIF6388	081201	1502	10	BA		0	3916150	7620500	3	PELOSCOLEX SP	NO-OF-IND	COUNT	16
289	XIF6388	081201	1502	10	BA		0	3916150	7620500	1	BRACKISH WATER CLAM	NO-OF-IND	COUNT	1
290	XIF6388	081201	1502	10	BA		0	3916150	7620500	2	BRACKISH WATER CLAM	NO-OF-IND	COUNT	6
291	XIF6388	081201	1502	10	BA		0	3916150	7620500	3	BRACKISH WATER CLAM	NO-OF-IND	COUNT	13
292	XIF6388	081201	1502	10	BA		0	3916150	7620500	1	MYCHELLS CLAM	NO-OF-IND	COUNT	1
293	XIF6388	081201	1502	10	BA		0	3916150	7620500	1	CYATHURA POLITA	NO-OF-IND	COUNT	2
294	XIF6388	081201	1502	10	BA		0	3916150	7620500	2	CYATHURA POLITA	NO-OF-IND	COUNT	1
295	XIF6388	081201	1502	10	BA		0	3916150	7620500	3	CYATHURA POLITA	NO-OF-IND	COUNT	3
296	XIF6388	081201	1502	10	BA		0	3916150	7620500	1	LEPTOCHEIRUS PLUMULOSUS	NO-OF-IND	COUNT	1
297	XIG5405	081201	1350	11	BA		0	3915230	7620280	1	HETEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	12
298	XIG5405	081201	1350	11	BA		0	3915230	7620280	2	HETEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	7
299	XIG5405	081201	1350	11	BA		0	3915230	7620280	3	HETEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	14
300	XIG5405	081201	1350	11	BA		0	3915230	7620280	1	CLAM WORM	NO-OF-IND	COUNT	10
301	XIG5405	081201	1350	11	BA		0	3915230	7620280	2	CLAM WORM	NO-OF-IND	COUNT	3
302	XIG5405	081201	1350	11	BA		0	3915230	7620280	3	CLAM WORM	NO-OF-IND	COUNT	11
303	XIG5405	081201	1350	11	BA		0	3915230	7620280	1	GREEN WORM	NO-OF-IND	COUNT	2
304	XIG5405	081201	1350	11	BA		0	3915230	7620280	1	STREBLOSPIO BENEDICTI	NO-OF-IND	COUNT	36
305	XIG5405	081201	1350	11	BA		0	3915230	7620280	2	STREBLOSPIO BENEDICTI	NO-OF-IND	COUNT	19
306	XIG5405	081201	1350	11	BA		0	3915230	7620280	3	STREBLOSPIO BENEDICTI	NO-OF-IND	COUNT	19
307	XIG5405	081201	1350	11	BA		0	3915230	7620280	1	POLYDORA LIGNI	NO-OF-IND	COUNT	3
308	XIG5405	081201	1350	11	BA		0	3915230	7620280	2	POLYDORA LIGNI	NO-OF-IND	COUNT	2
309	XIG5405	081201	1350	11	BA		0	3915230	7620280	3	POLYDORA LIGNI	NO-OF-IND	COUNT	5
310	XIG5405	081201	1350	11	BA		0	3915230	7620280	1	PELOSCOLEX SP	NO-OF-IND	COUNT	19
311	XIG5405	081201	1350	11	BA		0	3915230	7620280	2	PELOSCOLEX SP	NO-OF-IND	COUNT	2
312	XIG5405	081201	1350	11	BA		0	3915230	7620280	1	ISCHADIUM RECURVUM	NO-OF-IND	COUNT	1
313	XIG5405	081201	1350	11	BA		0	3915230	7620280	2	ISCHADIUM RECURVUM	NO-OF-IND	COUNT	1
314	XIG5405	081201	1350	11	BA		0	3915230	7620280	1	PLATFORM MUSSEL	NO-OF-IND	COUNT	1
315	XIG5405	081201	1350	11	BA		0	3915230	7620280	2	PLATFORM MUSSEL	NO-OF-IND	COUNT	1
316	XIG5405	081201	1350	11	BA		0	3915230	7620280	3	PLATFORM MUSSEL	NO-OF-IND	COUNT	1
317	XIG5405	081201	1350	11	BA		0	3915230	7620280	1	BARNACLE	NO-OF-IND	COUNT	14
318	XIG5405	081201	1350	11	BA		0	3915230	7620280	2	BARNACLE	NO-OF-IND	COUNT	6
319	XIG5405	081201	1350	11	BA		0	3915230	7620280	3	BARNACLE	NO-OF-IND	COUNT	12
320	XIG5405	081201	1350	11	BA		0	3915230	7620280	1	WHITE BARNACLE	NO-OF-IND	COUNT	4
321	XIG5405	081201	1350	11	BA		0	3915230	7620280	1	CYATHURA POLITA	NO-OF-IND	COUNT	3
322	XIG5405	081201	1350	11	BA		0	3915230	7620280	2	CYATHURA POLITA	NO-OF-IND	COUNT	1
323	XIG5405	081201	1350	11	BA		0	3915230	7620280	1	CASSIDINIDEA LUNIFRONS	NO-OF-IND	COUNT	1
324	XIG5405	081201	1350	11	BA		0	3915230	7620280	2	CASSIDINIDEA LUNIFRONS	NO-OF-IND	COUNT	2
325	XIG5405	081201	1350	11	BA		0	3915230	7620280	3	CASSIDINIDEA LUNIFRONS	NO-OF-IND	COUNT	2
326	XIG5405	081201	1350	11	BA		0	3915230	7620280	1	COROPHIUM LACUSTRE	NO-OF-IND	COUNT	2
327	XIG5405	081201	1350	11	BA		0	3915230	7620280	2	COROPHIUM LACUSTRE	NO-OF-IND	COUNT	1
328	XIG5405	081201	1350	11	BA		0	3915230	7620280	3	COROPHIUM LACUSTRE	NO-OF-IND	COUNT	3
329	XIG5405	081201	1350	11	BA		0	3915230	7620280	1	MUD CRAB	NO-OF-IND	COUNT	1
330	XIG5405	081201	1350	11	BA		0	3915230	7620280	2	MUD CRAB	NO-OF-IND	COUNT	2
331	XIG5405	081201	1350	11	BA		0	3915230	7620280	3	MUD CRAB	NO-OF-IND	COUNT	2
332	XIG7689	081201	1525	14	BA		0	3916580	7618510	1	MICRURA LEIDYI	NO-OF-IND	COUNT	2
333	XIG7689	081201	1525	14	BA		0	3916580	7618510	2	MICRURA LEIDYI	NO-OF-IND	COUNT	3
334	XIG7689	081201	1525	14	BA		0	3916580	7618510	3	MICRURA LEIDYI	NO-OF-IND	COUNT	2
335	XIG7689	081201	1525	14	BA		0	3916580	7618510	1	UNIDENT NEMATODES	NO-OF-IND	COUNT	3
336	XIG7689	081201	1525	14	BA		0	3916580	7618510	1	HETEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	2

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353	XIF4514	881202	912	8	BA	0	3914280	7621500	1	MUD CRAB	NO-OF-IND	ESTDNSTY	3
354	XIF4811	881202	755	3	BA	0	3914490	7621070	1	CORDYLOPHORA CASPIA	NO-OF-IND	ESTDNSTY	3
355	XIF4811	881202	755	3	BA	0	3914490	7621070	1	CAPITELLA CAPITATA	NO-OF-IND	ESTDNSTY	2
356	XIF4811	881202	755	3	BA	0	3914490	7621070	1	POLYDORA LIGNI	NO-OF-IND	ESTDNSTY	2
357	XIF4811	881202	755	3	BA	0	3914490	7621070	1	COROPHIUM LACUSTRE	NO-OF-IND	ESTDNSTY	1
358	XIF4811	881202	755	3	BA	0	3914490	7621070	1	VICTORELLA PAVIDA	NO-OF-IND	ESTDNSTY	2
359	XIF4811	881202	755	6	BA	0	3914490	7621070	1	CORDYLOPHORA CASPIA	NO-OF-IND	ESTDNSTY	3
400	XIF4811	881202	755	6	BA	0	3914490	7621070	1	FLAT WORM	NO-OF-IND	ESTDNSTY	3
401	XIF4811	881202	755	6	BA	0	3914490	7621070	1	UNIDENT NEMATODES	NO-OF-IND	ESTDNSTY	3
402	XIF4811	881202	755	6	BA	0	3914490	7621070	1	CAPITELLA CAPITATA	NO-OF-IND	ESTDNSTY	2
403	XIF4811	881202	755	6	BA	0	3914490	7621070	1	POLYDORA LIGNI	NO-OF-IND	ESTDNSTY	2
404	XIF4811	881202	755	6	BA	0	3914490	7621070	1	MUD BRANCH	NO-OF-IND	ESTDNSTY	3
405	XIF4811	881202	755	6	BA	0	3914490	7621070	1	WHITE BARNACLE	NO-OF-IND	ESTDNSTY	3
406	XIF4811	881202	755	6	BA	0	3914490	7621070	1	COROPHIUM LACUSTRE	NO-OF-IND	ESTDNSTY	2
407	XIF4811	881202	755	6	BA	0	3914490	7621070	1	VICTORELLA PAVIDA	NO-OF-IND	ESTDNSTY	2
408	XIF4813	881202	830	3	BA	0	3914460	7621160	1	CORDYLOPHORA CASPIA	NO-OF-IND	ESTDNSTY	2
409	XIF4813	881202	830	3	BA	0	3914460	7621160	1	FLAT WORM	NO-OF-IND	ESTDNSTY	3
410	XIF4813	881202	830	3	BA	0	3914460	7621160	1	CAPITELLA CAPITATA	NO-OF-IND	ESTDNSTY	3
411	XIF4813	881202	830	3	BA	0	3914460	7621160	1	POLYDORA LIGNI	NO-OF-IND	ESTDNSTY	2
412	XIF4813	881202	830	3	BA	0	3914460	7621160	1	BARNACLE	NO-OF-IND	ESTDNSTY	3
413	XIF4813	881202	830	3	BA	0	3914460	7621160	1	COROPHIUM LACUSTRE	NO-OF-IND	ESTDNSTY	2
414	XIF4813	881202	830	3	BA	0	3914460	7621160	1	VICTORELLA PAVIDA	NO-OF-IND	ESTDNSTY	2
415	XIF4813	881202	830	3	BA	0	3914460	7621160	2	VICTORELLA PAVIDA	NO-OF-IND	ESTDNSTY	3
416	XIF4813	881202	830	8	BA	0	3914460	7621160	1	CORDYLOPHORA CASPIA	NO-OF-IND	ESTDNSTY	2
417	XIF4813	881202	830	8	BA	0	3914460	7621160	1	UNIDENT NEMATODES	NO-OF-IND	ESTDNSTY	3
418	XIF4813	881202	830	8	BA	0	3914460	7621160	1	CLAM WORM	NO-OF-IND	ESTDNSTY	2
419	XIF4813	881202	830	8	BA	0	3914460	7621160	1	POLYDORA LIGNI	NO-OF-IND	ESTDNSTY	2
420	XIF4813	881202	830	6	BA	0	3914460	7621160	1	ISCHADIMUM RECUPVUM	NO-OF-IND	ESTDNSTY	3
421	XIF4813	881202	830	8	BA	0	3914460	7621160	1	BARNACLE	NO-OF-IND	ESTDNSTY	3
422	XIF4813	881202	830	8	BA	0	3914460	7621160	1	COROPHIUM LACUSTRE	NO-OF-IND	ESTDNSTY	2
423	XIF4813	881202	830	8	BA	0	3914460	7621160	1	VICTORELLA PAVIDA	NO-OF-IND	ESTDNSTY	2
424	XIF3325	890410	1040	13	BA	1	3913170	7622300	1	MICRURA LEIDYI	NO-OF-IND	COUNT	1
425	XIF3325	890410	1040	13	BA	1	3913170	7622300	1	HETEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	10
426	XIF3325	890410	1040	13	BA	1	3913170	7622300	2	HETEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	6
427	XIF3325	890410	1040	13	BA	1	3913170	7622300	3	HETEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	4
428	XIF3325	890410	1040	13	BA	1	3913170	7622300	1	CLAM WORM	NO-OF-IND	COUNT	1
429	XIF3325	890410	1040	13	BA	1	3913170	7622300	2	CLAM WORM	NO-OF-IND	COUNT	1
430	XIF3325	890410	1040	13	BA	1	3913170	7622300	1	GREEN WORM	NO-OF-IND	COUNT	62
431	XIF3325	890410	1040	13	BA	1	3913170	7622300	2	GREEN WORM	NO-OF-IND	COUNT	185
432	XIF3325	890410	1040	13	BA	1	3913170	7622300	3	GREEN WORM	NO-OF-IND	COUNT	71
433	XIF3325	890410	1040	13	BA	1	3913170	7622300	1	CAPITELLA CAPITATA	NO-OF-IND	COUNT	2
434	XIF3325	890410	1040	13	BA	1	3913170	7622300	1	PADDLE WORM	NO-OF-IND	COUNT	3
435	XIF3325	890410	1040	13	BA	1	3913170	7622300	2	PADDLE WORM	NO-OF-IND	COUNT	5
436	XIF3325	890410	1040	13	BA	1	3913170	7622300	1	STREBLOSPIO BENEDICTI	NO-OF-IND	COUNT	2
437	XIF3325	890410	1040	13	BA	1	3913170	7622300	1	PELOSOCLEX SP	NO-OF-IND	COUNT	50
438	XIF3325	890410	1040	13	BA	1	3913170	7622300	2	PELOSOCLEX SP	NO-OF-IND	COUNT	94
439	XIF3325	890410	1040	13	BA	1	3913170	7622300	3	PELOSOCLEX SP	NO-OF-IND	COUNT	130
440	XIF3325	890410	1040	13	BA	1	3913170	7622300	1	BRACKISH WATER CLAM	NO-OF-IND	COUNT	5
441	XIF3325	890410	1040	13	BA	1	3913170	7622300	1	BALTHIC CLAM	NO-OF-IND	COUNT	16
442	XIF3325	890410	1040	13	BA	1	3913170	7622300	2	BALTHIC CLAM	NO-OF-IND	COUNT	19
443	XIF3325	890410	1040	13	BA	1	3913170	7622300	3	BALTHIC CLAM	NO-OF-IND	COUNT	15
444	XIF3325	890410	1040	13	BA	1	3913170	7622300	1	MITCHELLS CLAM	NO-OF-IND	COUNT	2
445	XIF3325	890410	1040	13	BA	1	3913170	7622300	1	CYATHURA POLITA	NO-OF-IND	COUNT	14
446	XIF3325	890410	1040	13	BA	1	3913170	7622300	2	CYATHURA POLITA	NO-OF-IND	COUNT	12
447	XIF3325	890410	1040	13	BA	1	3913170	7622300	3	CYATHURA POLITA	NO-OF-IND	COUNT	5
448	XIF3325	890410	1040	13	BA	1	3913170	7622300	1	LEPTOCHEIRUS PLUMULOSUS	NO-OF-IND	COUNT	15



OMS STATION	DATE	TIME	DEPTH	COUNTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPCODE	SPCODE	PARAM	UNITS	VALUE
505	XIF4327	890410	1135	12	BA	2	3914170	7622410	1	UNIDENTIFIED CHIRONOMID LARVAE	NO-OF-IND	COUNT	2
506	XIF4327	890410	1135	12	BA	2	3914170	7622410	2	UNIDENTIFIED CHIRONOMID LARVAE	NO-OF-IND	COUNT	2
507	XIF4420	890410	1139	18	BA	2	3914230	7622000	1	MICRURA LEIDYI	NO-OF-IND	COUNT	1
508	XIF4420	890410	1139	18	BA	2	3914230	7622000	2	MICRURA LEIDYI	NO-OF-IND	COUNT	2
509	XIF4420	890410	1139	16	BA	2	3914230	7622000	3	MICRURA LEIDYI	NO-OF-IND	COUNT	1
510	XIF4420	890410	1139	16	BA	2	3914230	7622000	1	HETEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	5
511	XIF4420	890410	1139	18	BA	2	3914230	7622000	2	HETEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	8
512	XIF4420	890410	1139	18	BA	2	3914230	7622000	3	HETEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	2
513	XIF4420	890410	1139	18	BA	2	3914230	7622000	1	CLAM WORM	NO-OF-IND	COUNT	2
514	XIF4420	890410	1139	18	BA	2	3914230	7622000	2	CLAM WORM	NO-OF-IND	COUNT	1
515	XIF4420	890410	1139	18	BA	2	3914230	7622000	3	CLAM WORM	NO-OF-IND	COUNT	4
516	XIF4420	890410	1139	18	BA	2	3914230	7622000	1	GREEN WORM	NO-OF-IND	COUNT	56
517	XIF4420	890410	1139	18	BA	2	3914230	7622000	2	GREEN WORM	NO-OF-IND	COUNT	71
518	XIF4420	890410	1139	18	BA	2	3914230	7622000	3	GREEN WORM	NO-OF-IND	COUNT	77
519	XIF4420	890410	1139	18	BA	2	3914230	7622000	1	CAPITELLA CAPITATA	NO-OF-IND	COUNT	1
520	XIF4420	890410	1139	18	BA	2	3914230	7622000	1	PADDLE WORM	NO-OF-IND	COUNT	1
521	XIF4420	890410	1139	18	BA	2	3914230	7622000	2	PADDLE WORM	NO-OF-IND	COUNT	1
522	XIF4420	890410	1139	18	BA	2	3914230	7622000	1	PELOSCOLEX SP	NO-OF-IND	COUNT	17
523	XIF4420	890410	1139	18	BA	2	3914230	7622000	2	PELOSCOLEX SP	NO-OF-IND	COUNT	21
524	XIF4420	890410	1139	18	BA	2	3914230	7622000	3	PELOSCOLEX SP	NO-OF-IND	COUNT	9
525	XIF4420	890410	1139	18	BA	2	3914230	7622000	1	BALTHIC CLAM	NO-OF-IND	COUNT	1
526	XIF4420	890410	1139	18	BA	2	3914230	7622000	2	BALTHIC CLAM	NO-OF-IND	COUNT	4
527	XIF4420	890410	1139	16	BA	2	3914230	7622000	3	BALTHIC CLAM	NO-OF-IND	COUNT	4
528	XIF4420	890410	1139	18	BA	2	3914230	7622000	1	CYATHURA POLITA	NO-OF-IND	COUNT	6
529	XIF4420	890410	1139	18	BA	2	3914230	7622000	2	CYATHURA POLITA	NO-OF-IND	COUNT	7
530	XIF4420	890410	1139	18	BA	2	3914230	7622000	3	CYATHURA POLITA	NO-OF-IND	COUNT	7
531	XIF4420	890410	1139	16	BA	2	3914230	7622000	1	LEPTOCHEIRUS PLUMULOSUS	NO-OF-IND	COUNT	6
532	XIF4420	890410	1139	18	BA	2	3914230	7622000	2	LEPTOCHEIRUS PLUMULOSUS	NO-OF-IND	COUNT	2
533	XIF4715	890410	1155	13	BA	2	3914400	7621280	1	MICRURA LEIDYI	NO-OF-IND	COUNT	2
534	XIF4715	890410	1155	13	BA	2	3914400	7621280	2	MICRURA LEIDYI	NO-OF-IND	COUNT	5
535	XIF4715	890410	1155	13	BA	2	3914400	7621280	1	HETEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	7
536	XIF4715	890410	1155	13	BA	2	3914400	7621280	2	HETEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	5
537	XIF4715	890410	1155	13	BA	2	3914400	7621280	3	HETEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	9
538	XIF4715	890410	1155	13	BA	2	3914400	7621280	1	CLAM WORM	NO-OF-IND	COUNT	1
539	XIF4715	890410	1155	13	BA	2	3914400	7621280	1	GREEN WORM	NO-OF-IND	COUNT	199
540	XIF4715	890410	1155	13	BA	2	3914400	7621280	2	GREEN WORM	NO-OF-IND	COUNT	81
541	XIF4715	890410	1155	13	BA	2	3914400	7621280	3	GREEN WORM	NO-OF-IND	COUNT	93
542	XIF4715	890410	1155	13	BA	2	3914400	7621280	1	PADDLE WORM	NO-OF-IND	COUNT	1
543	XIF4715	890410	1155	13	BA	2	3914400	7621280	2	PADDLE WORM	NO-OF-IND	COUNT	1
544	XIF4715	890410	1155	13	BA	2	3914400	7621280	1	STREBLOSPIO BENEDICTI	NO-OF-IND	COUNT	1
545	XIF4715	890410	1155	13	BA	2	3914400	7621280	2	STREBLOSPIO BENEDICTI	NO-OF-IND	COUNT	1
546	XIF4715	890410	1155	13	BA	2	3914400	7621280	1	PELOSCOLEX SP	NO-OF-IND	COUNT	1
547	XIF4715	890410	1155	13	BA	2	3914400	7621280	2	PELOSCOLEX SP	NO-OF-IND	COUNT	29
548	XIF4715	890410	1155	13	BA	2	3914400	7621280	3	PELOSCOLEX SP	NO-OF-IND	COUNT	18
549	XIF4715	890410	1155	13	BA	2	3914400	7621280	1	BRACKISH WATER CLAM	NO-OF-IND	COUNT	1
550	XIF4715	890410	1155	13	BA	2	3914400	7621280	1	BALTHIC CLAM	NO-OF-IND	COUNT	1
551	XIF4715	890410	1155	13	BA	2	3914400	7621280	2	BALTHIC CLAM	NO-OF-IND	COUNT	5
552	XIF4715	890410	1155	13	BA	2	3914400	7621280	3	BALTHIC CLAM	NO-OF-IND	COUNT	3
553	XIF4715	890410	1155	13	BA	2	3914400	7621280	1	MITCHELLS CLAM	NO-OF-IND	COUNT	2
554	XIF4715	890410	1155	13	BA	2	3914400	7621280	1	CYATHURA POLITA	NO-OF-IND	COUNT	6
555	XIF4715	890410	1155	13	BA	2	3914400	7621280	2	CYATHURA POLITA	NO-OF-IND	COUNT	6
556	XIF4715	890410	1155	13	BA	2	3914400	7621280	1	LEPTOCHEIRUS PLUMULOSUS	NO-OF-IND	COUNT	3
557	XIF4715	890410	1155	13	BA	2	3914400	7621280	2	LEPTOCHEIRUS PLUMULOSUS	NO-OF-IND	COUNT	4
558	XIF4715	890410	1155	13	BA	2	3914400	7621280	3	LEPTOCHEIRUS PLUMULOSUS	NO-OF-IND	COUNT	4
559	XIF4811	890410	1215	13	BA	2	3914500	7621070	1	MICRURA LEIDYI	NO-OF-IND	COUNT	1
560	XIF4811	890410	1215	13	BA	2	3914500	7621070	2	MICRURA LEIDYI	NO-OF-IND	COUNT	6

ORG	STATION	DATE	TIME	DEPTH	COUNTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPCODE	SPCODE	PARAM	UNITS	VALUE
	561	XIF4811	890410	1215	13	BA	2	3914500	7621070	3	MICRURA LEIDYI	NO-OFF-IND	COUNT	2
	562	XIF4811	890410	1215	13	BA	2	3914500	7621070	1	HETEROMASTUS FILIFORMIS	NO-OFF-IND	COUNT	12
	563	XIF4811	890410	1215	13	BA	2	3914500	7621070	2	HETEROMASTUS FILIFORMIS	NO-OFF-IND	COUNT	17
	564	XIF4811	890410	1215	13	BA	2	3914500	7621070	3	HETEROMASTUS FILIFORMIS	NO-OFF-IND	COUNT	28
	565	XIF4811	890410	1215	13	BA	2	3914500	7621070	1	GREEN WORM	NO-OFF-IND	COUNT	182
	566	XIF4811	890410	1215	13	BA	2	3914500	7621070	2	GREEN WORM	NO-OFF-IND	COUNT	183
	567	XIF4811	890410	1215	13	BA	2	3914500	7621070	3	GREEN WORM	NO-OFF-IND	COUNT	307
	568	XIF4811	890410	1215	13	BA	2	3914500	7621070	1	PADDLE WORM	NO-OFF-IND	COUNT	8
	569	XIF4811	890410	1215	13	BA	2	3914500	7621070	2	PADDLE WORM	NO-OFF-IND	COUNT	14
	570	XIF4811	890410	1215	13	BA	2	3914500	7621070	3	PADDLE WORM	NO-OFF-IND	COUNT	5
	571	XIF4811	890410	1215	13	BA	2	3914500	7621070	1	POLYDORA LIGNI	NO-OFF-IND	COUNT	3
	572	XIF4811	890410	1215	13	BA	2	3914500	7621070	1	PELUSCOLEX SP	NO-OFF-IND	COUNT	23
	573	XIF4811	890410	1215	13	BA	2	3914500	7621070	2	PELUSCOLEX SP	NO-OFF-IND	COUNT	124
	574	XIF4811	890410	1215	13	BA	2	3914500	7621070	3	PELUSCOLEX SP	NO-OFF-IND	COUNT	6
	575	XIF4811	890410	1215	13	BA	2	3914500	7621070	1	BALTHIC CLAM	NO-OFF-IND	COUNT	4
	576	XIF4811	890410	1215	13	PA	2	3914500	7621070	2	BALTHIC CLAM	NO-OFF-IND	COUNT	6
	577	XIF4811	890410	1215	13	PA	2	3914500	7621070	1	CYATHURA POLITA	NO-OFF-IND	COUNT	2
	578	XIF4811	890410	1215	13	BA	2	3914500	7621070	2	CYATHURA POLITA	NO-OFF-IND	COUNT	2
	579	XIF4811	890410	1215	13	BA	2	3914500	7621070	3	CYATHURA POLITA	NO-OFF-IND	COUNT	2
	580	XIF4811	890410	1215	13	BA	2	3914500	7621070	1	EDOTEA TRILOBA	NO-OFF-IND	COUNT	1
	581	XIF4811	890410	1215	13	BA	2	3914500	7621070	1	COROPHIUM LACUSTRE	NO-OFF-IND	COUNT	1
	582	XIF4811	890410	1215	13	BA	2	3914500	7621070	1	LEPTOCHEIRUS PLUMULOSUS	NO-OFF-IND	COUNT	2
	583	XIF4811	890410	1215	13	BA	2	3914500	7621070	2	LEPTOCHEIRUS PLUMULOSUS	NO-OFF-IND	COUNT	1
	584	XIF4811	890410	1215	13	BA	2	3914500	7621070	3	LEPTOCHEIRUS PLUMULOSUS	NO-OFF-IND	COUNT	5
	585	XIF4813	890410	1425	8	BA	0	3914460	7621160	1	CORDYLOPHORA CASPIA	NO-OFF-IND	ESTONSTY	2
	586	XIF4813	890410	1425	8	BA	0	3914460	7621160	1	CLAM WORM	NO-OFF-IND	ESTONSTY	3
	587	XIF4813	890410	1425	8	BA	0	3914460	7621160	1	GREEN WORM	NO-OFF-IND	ESTONSTY	3
	588	XIF4813	890410	1425	8	BA	0	3914460	7621160	1	CAPITELLA CAPITATA	NO-OFF-IND	ESTONSTY	2
	589	XIF4813	890410	1425	8	BA	0	3914460	7621160	1	POLYDORA LIGNI	NO-OFF-IND	ESTONSTY	2
	590	XIF4813	890410	1425	8	BA	0	3914460	7621160	1	PLATFORM MUSSEL	NO-OFF-IND	ESTONSTY	3
	591	XIF4813	890410	1425	8	BA	0	3914460	7621160	1	BARNACLE	NO-OFF-IND	ESTONSTY	3
	592	XIF4813	890410	1425	8	BA	0	3914460	7621160	1	COROPHIUM LACUSTRE	NO-OFF-IND	ESTONSTY	2
	593	XIF4813	890410	1425	8	BA	0	3914460	7621160	1	MEMBRANIPORA TNUIS	NO-OFF-IND	ESTONSTY	2
	594	XIF4813	890410	1425	8	BA	0	3914460	7621160	1	VICTORELLA PAVIDA	NO-OFF-IND	ESTONSTY	2
	595	XIF5110	890410	1405	6	BA	2	3915390	7620570	1	HETEROMASTUS FILIFORMIS	NO-OFF-IND	COUNT	1
	596	XIF5110	890410	1405	6	BA	2	3915390	7620570	1	GREEN WORM	NO-OFF-IND	COUNT	551
	597	XIF5110	890410	1405	6	BA	2	3915390	7620570	2	GREEN WORM	NO-OFF-IND	COUNT	784
	598	XIF5110	890410	1405	6	BA	2	3915390	7620570	1	CAPITELLA CAPITATA	NO-OFF-IND	COUNT	1
	599	XIF5110	890410	1405	6	BA	2	3915390	7620570	1	PELUSCOLEX SP	NO-OFF-IND	COUNT	2
	600	XIF5110	890410	1405	6	BA	2	3915390	7620570	2	PELUSCOLEX SP	NO-OFF-IND	COUNT	2
	601	XIF5110	890410	1405	6	BA	2	3915390	7620570	1	BRACKISH WATER CLAM	NO-OFF-IND	COUNT	1
	602	XIF5110	890410	1405	6	BA	2	3915390	7620570	1	CYATHURA POLITA	NO-OFF-IND	COUNT	1
	603	XIF5110	890410	1405	6	BA	2	3915390	7620570	2	CYATHURA POLITA	NO-OFF-IND	COUNT	1
	604	XIF5110	890410	1405	6	BA	2	3915390	7620570	1	LEPTOCHEIRUS PLUMULOSUS	NO-OFF-IND	COUNT	1
	605	XIF5145	890410	1520	15	BA	1	3914390	7623550	1	MICRURA LEIDYI	NO-OFF-IND	COUNT	1
	606	XIF5145	890410	1520	15	BA	1	3914390	7623550	1	HETEROMASTUS FILIFORMIS	NO-OFF-IND	COUNT	5
	607	XIF5145	890410	1520	15	BA	1	3914390	7623550	2	HETEROMASTUS FILIFORMIS	NO-OFF-IND	COUNT	7
	608	XIF5145	890410	1520	15	BA	1	3914390	7623550	3	HETEROMASTUS FILIFORMIS	NO-OFF-IND	COUNT	10
	609	XIF5145	890410	1520	15	BA	1	3914390	7623550	1	CLAM WORM	NO-OFF-IND	COUNT	1
	610	XIF5145	890410	1520	15	BA	1	3914390	7623550	2	CLAM WORM	NO-OFF-IND	COUNT	1
	611	XIF5145	890410	1520	15	BA	1	3914390	7623550	1	GREEN WORM	NO-OFF-IND	COUNT	135
	612	XIF5145	890410	1520	15	BA	1	3914390	7623550	2	GREEN WORM	NO-OFF-IND	COUNT	43
	613	XIF5145	890410	1520	15	BA	1	3914390	7623550	3	GREEN WORM	NO-OFF-IND	COUNT	64
	614	XIF5145	890410	1520	15	BA	1	3914390	7623550	1	PADDLE WORM	NO-OFF-IND	COUNT	1
	615	XIF5145	890410	1520	15	BA	1	3914390	7623550	2	PADDLE WORM	NO-OFF-IND	COUNT	5
	616	XIF5145	890410	1520	15	BA	1	3914390	7623550	3	PADDLE WORM	NO-OFF-IND	COUNT	4

OBS	STATION	DATE	TIME	DEPTH	COUNTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPCODE	SPCODE	PARAM	UNITS	VALUE
617	XIF5145	890410	1520	15	BA		1	3914390	7623550	1	STRERLOSPIO BENEDICTI	NO-OF-IND	COUNT	35
618	XIF5145	890410	1520	15	BA		1	3914390	7623550	2	STRERLOSPIO BENEDICTI	NO-OF-IND	COUNT	29
619	XIF5145	890410	1520	15	BA		1	3914390	7623550	3	STRERLOSPIO BENEDICTI	NO-OF-IND	COUNT	29
620	XIF5145	890410	1520	15	BA		1	3914390	7623550	1	POLYDORA LIGNI	NO-OF-IND	COUNT	1
621	XIF5145	890410	1520	15	BA		1	3914390	7623550	1	PELOSCOLEX SP	NO-OF-IND	COUNT	497
622	XIF5145	890410	1520	15	BA		1	3914390	7623550	2	PELOSCOLEX SP	NO-OF-IND	COUNT	885
623	XIF5145	890410	1520	15	BA		1	3914390	7623550	3	PELOSCOLEX SP	NO-OF-IND	COUNT	1317
624	XIF5145	890410	1520	15	BA		1	3914390	7623550	1	BRACKISH WATER CLAM	NO-OF-IND	COUNT	4
625	XIF5145	890410	1520	15	BA		1	3914390	7623550	1	BALTHIC CLAM	NO-OF-IND	COUNT	2
626	XIF5145	890410	1520	15	BA		1	3914390	7623550	2	BALTHIC CLAM	NO-OF-IND	COUNT	2
627	XIF5145	890410	1520	15	BA		1	3914390	7623550	1	MITCHELLS CLAM	NO-OF-IND	COUNT	1
628	XIF5145	890410	1520	15	BA		1	3914390	7623550	1	CYATHURA POLITA	NO-OF-IND	COUNT	11
629	XIF5145	890410	1520	15	BA		1	3914390	7623550	2	CYATHURA POLITA	NO-OF-IND	COUNT	8
630	XIF5145	890410	1520	15	BA		1	3914390	7623550	3	CYATHURA POLITA	NO-OF-IND	COUNT	7
631	XIF5145	890410	1520	15	PA		1	3914390	7623550	1	EDOTEA TRILORA	NO-OF-IND	COUNT	1
632	XIF5145	890410	1520	15	PA		1	3914390	7623550	2	EDOTEA TRILORA	NO-OF-IND	COUNT	3
633	XIF5145	890410	1520	15	PA		1	3914390	7623550	1	LEPTOCHEIRUS PLUMULOSUS	NO-OF-IND	COUNT	1
634	XIF5145	890410	1520	15	PA		1	3914390	7623550	2	LEPTOCHEIRUS PLUMULOSUS	NO-OF-IND	COUNT	2
635	XIF5145	890410	1520	15	PA		1	3914390	7623550	3	LEPTOCHEIRUS PLUMULOSUS	NO-OF-IND	COUNT	5
636	XIF5145	890410	1520	15	PA		1	3914390	7623550	1	MUD CRAB	NO-OF-IND	COUNT	1
637	XIF5145	890410	1520	15	PA		1	3914390	7623550	2	MUD CRAB	NO-OF-IND	COUNT	1
638	XIF5145	890410	1520	15	PA		1	3914390	7623550	1	UNIDENTIFIED CHIRONOMID LARVAE	NO-OF-IND	COUNT	1
639	XIF5145	890410	1520	15	PA		1	3914390	7623550	2	UNIDENTIFIED CHIRONOMID LARVAE	NO-OF-IND	COUNT	2
640	XIF5297	890410	1345	10	BA		1	3915330	7619530	1	HETEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	1
641	XIF5297	890410	1345	10	BA		1	3915330	7619530	1	CLAM WORM	NO-OF-IND	COUNT	8
642	XIF5297	890410	1345	10	BA		1	3915330	7619530	2	CLAM WORM	NO-OF-IND	COUNT	17
643	XIF5297	890410	1345	10	BA		1	3915330	7619530	1	GREEN WORM	NO-OF-IND	COUNT	26
644	XIF5297	890410	1345	10	BA		1	3915330	7619530	2	GREEN WORM	NO-OF-IND	COUNT	160
645	XIF5297	890410	1345	10	BA		1	3915330	7619530	3	GREEN WORM	NO-OF-IND	COUNT	185
646	XIF5297	890410	1345	10	BA		1	3915330	7619530	1	STRERLOSPIO BENEDICTI	NO-OF-IND	COUNT	3
647	XIF5297	890410	1345	10	BA		1	3915330	7619530	2	STRERLOSPIO BENEDICTI	NO-OF-IND	COUNT	1
648	XIF5297	890410	1345	10	BA		1	3915330	7619530	1	PELOSCOLEX SP	NO-OF-IND	COUNT	3
649	XIF5297	890410	1345	10	PA		1	3915330	7619530	2	PELOSCOLEX SP	NO-OF-IND	COUNT	80
650	XIF5297	890410	1345	10	PA		1	3915330	7619530	3	PELOSCOLEX SP	NO-OF-IND	COUNT	103
651	XIF5297	890410	1345	10	PA		1	3915330	7619530	1	BARNACLE	NO-OF-IND	COUNT	5
652	XIF5297	890410	1345	10	PA		1	3915330	7619530	2	BARNACLE	NO-OF-IND	COUNT	4
653	XIF5297	890410	1345	10	BA		1	3915330	7619530	3	BARNACLE	NO-OF-IND	COUNT	4
654	XIF5297	890410	1345	10	PA		1	3915330	7619530	1	WHITE BARNACLE	NO-OF-IND	COUNT	4
655	XIF5297	890410	1345	10	PA		1	3915330	7619530	2	WHITE BARNACLE	NO-OF-IND	COUNT	1
656	XIF5297	890410	1345	10	PA		1	3915330	7619530	3	WHITE BARNACLE	NO-OF-IND	COUNT	2
657	XIF5297	890410	1345	10	PA		1	3915330	7619530	1	CYATHURA POLITA	NO-OF-IND	COUNT	2
658	XIF5297	890410	1345	10	BA		1	3915330	7619530	1	CASSIDINIDEA LUNIFRONS	NO-OF-IND	COUNT	1
659	XIF5297	890410	1345	10	BA		1	3915330	7619530	1	COROPHIUM LACUSTRE	NO-OF-IND	COUNT	2
660	XIF5297	890410	1345	10	BA		1	3915330	7619530	2	COROPHIUM LACUSTRE	NO-OF-IND	COUNT	3
661	XIF5297	890410	1345	10	BA		1	3915330	7619530	3	COROPHIUM LACUSTRE	NO-OF-IND	COUNT	1
662	XIF5297	890410	1345	10	BA		1	3915330	7619530	1	MUD CRAB	NO-OF-IND	COUNT	3
663	XIF5297	890410	1345	10	BA		1	3915330	7619530	2	MUD CRAB	NO-OF-IND	COUNT	5
664	XIF5297	890410	1345	10	BA		1	3915330	7619530	3	MUD CRAB	NO-OF-IND	COUNT	2
665	XIF5406	890410	1235	12	BA		2	3915250	7620350	1	HETEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	2
666	XIF5406	890410	1235	12	PA		2	3915250	7620350	2	HETEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	3
667	XIF5406	890410	1235	12	PA		2	3915250	7620350	3	HETEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	2
668	XIF5406	890410	1235	12	PA		2	3915250	7620350	1	CLAM WORM	NO-OF-IND	COUNT	5
669	XIF5406	890410	1235	12	PA		2	3915250	7620350	2	CLAM WORM	NO-OF-IND	COUNT	3
670	XIF5406	890410	1235	12	PA		2	3915250	7620350	3	CLAM WORM	NO-OF-IND	COUNT	11
671	XIF5406	890410	1235	12	BA		2	3915250	7620350	1	GREEN WORM	NO-OF-IND	COUNT	340
672	XIF5406	890410	1235	12	BA		2	3915250	7620350	2	GREEN WORM	NO-OF-IND	COUNT	474

ONS	STATION	DATE	TIME	DEPTH	COUNTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPCODE	SPCODE	PARAM	UNITS	VALUE
673	XIF5406	890410	1235	12	BA		2	3915250	7620350	3	GREEN WORM	NO-OF-IND	COUNT	307
674	XIF5406	890410	1235	12	BA		2	3915250	7620350	1	CAPITELLA CAPITATA	NO-OF-IND	COUNT	1
675	XIF5406	890410	1235	12	BA		2	3915250	7620350	1	STREBLOSPIO BENEDICTY	NO-OF-IND	COUNT	2
676	XIF5406	890410	1235	12	HA		2	3915250	7620350	2	STREBLOSPIO BENEDICTY	NO-OF-IND	COUNT	1
677	XIF5406	890410	1235	12	BA		2	3915250	7620350	1	POLYDORA LIGNI	NO-OF-IND	COUNT	7
678	XIF5406	890410	1235	12	BA		2	3915250	7620350	2	POLYDORA LIGNI	NO-OF-IND	COUNT	5
679	XIF5406	890410	1235	12	BA		2	3915250	7620350	3	POLYDORA LIGNI	NO-OF-IND	COUNT	8
680	XIF5406	890410	1235	12	BA		2	3915250	7620350	1	PELOSOCOLEX SP	NO-OF-IND	COUNT	15
681	XIF5406	890410	1235	12	BA		2	3915250	7620350	2	PELOSOCOLEX SP	NO-OF-IND	COUNT	17
682	XIF5406	890410	1235	12	BA		2	3915250	7620350	3	PELOSOCOLEX SP	NO-OF-IND	COUNT	19
683	XIF5406	890410	1235	12	BA		2	3915250	7620350	1	PLATFORM MUSSEL	NO-OF-IND	COUNT	1
684	XIF5406	890410	1235	12	HA		2	3915250	7620350	1	BRACKISH WATER CLAM	NO-OF-IND	COUNT	20
685	XIF5406	890410	1235	12	BA		2	3915250	7620350	2	BRACKISH WATER CLAM	NO-OF-IND	COUNT	17
686	XIF5406	890410	1235	12	HA		2	3915250	7620350	3	BRACKISH WATER CLAM	NO-OF-IND	COUNT	19
687	XIF5406	890410	1235	12	BA		2	3915250	7620350	1	BALTHIC CLAM	NO-OF-IND	COUNT	6
688	XIF5406	890410	1235	12	BA		2	3915250	7620350	2	BALTHIC CLAM	NO-OF-IND	COUNT	3
689	XIF5406	890410	1235	12	BA		2	3915250	7620350	3	BALTHIC CLAM	NO-OF-IND	COUNT	2
690	XIF5406	890410	1235	12	BA		2	3915250	7620350	1	MITCHELLS CLAM	NO-OF-IND	COUNT	1
691	XIF5406	890410	1235	12	BA		2	3915250	7620350	2	MITCHELLS CLAM	NO-OF-IND	COUNT	1
692	XIF5406	890410	1235	12	BA		2	3915250	7620350	1	CYATHURA POLITA	NO-OF-IND	COUNT	1
693	XIF5406	890410	1235	12	BA		2	3915250	7620350	2	CYATHURA POLITA	NO-OF-IND	COUNT	8
694	XIF5406	890410	1235	12	BA		2	3915250	7620350	3	CYATHURA POLITA	NO-OF-IND	COUNT	4
695	XIF5406	890410	1235	12	PA		2	3915250	7620350	1	COROPHIUM LACUSTRE	NO-OF-IND	COUNT	1
696	XIF5406	890410	1235	12	PA		2	3915250	7620350	2	COROPHIUM LACUSTRE	NO-OF-IND	COUNT	2
697	XIF5406	890410	1235	12	BA		2	3915250	7620350	1	MUD CRAB	NO-OF-IND	COUNT	1
698	XIF5406	890410	1235	12	BA		2	3915250	7620350	2	MUD CRAB	NO-OF-IND	COUNT	1
699	XIF5710	890410	1405	6	BA		2	3915390	7620570	1	GREEN WORM	NO-OF-IND	COUNT	546
700	XIF5710	890410	1405	6	BA		2	3915390	7620570	1	PELOSOCOLEX SP	NO-OF-IND	COUNT	3
701	XIF6388	890410	1425	9	BA		2	3916150	7620500	1	MICRURA LEIOYI	NO-OF-IND	COUNT	2
702	XIF6388	890410	1425	9	BA		2	3916150	7620500	1	HETEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	3
703	XIF6388	890410	1425	9	BA		2	3916150	7620500	2	HETEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	3
704	XIF6388	890410	1425	9	BA		2	3916150	7620500	3	HETEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	1
705	XIF6388	890410	1425	9	BA		2	3916150	7620500	1	CLAM WORM	NO-OF-IND	COUNT	1
706	XIF6388	890410	1425	9	BA		2	3916150	7620500	1	GREEN WORM	NO-OF-IND	COUNT	174
707	XIF6388	890410	1425	9	BA		2	3916150	7620500	2	GREEN WORM	NO-OF-IND	COUNT	136
708	XIF6388	890410	1425	9	BA		2	3916150	7620500	3	GREEN WORM	NO-OF-IND	COUNT	203
709	XIF6388	890410	1425	9	BA		2	3916150	7620500	1	PADDLE WORM	NO-OF-IND	COUNT	1
710	XIF6388	890410	1425	9	BA		2	3916150	7620500	1	PELOSOCOLEX SP	NO-OF-IND	COUNT	10
711	XIF6388	890410	1425	9	BA		2	3916150	7620500	2	PELOSOCOLEX SP	NO-OF-IND	COUNT	20
712	XIF6388	890410	1425	9	BA		2	3916150	7620500	3	PELOSOCOLEX SP	NO-OF-IND	COUNT	18
713	XIF6388	890410	1425	9	BA		2	3916150	7620500	1	BRACKISH WATER CLAM	NO-OF-IND	COUNT	3
714	XIF6388	890410	1425	9	BA		2	3916150	7620500	2	BRACKISH WATER CLAM	NO-OF-IND	COUNT	4
715	XIF6388	890410	1425	9	BA		2	3916150	7620500	3	BRACKISH WATER CLAM	NO-OF-IND	COUNT	5
716	XIF6388	890410	1425	9	BA		2	3916150	7620500	1	BALTHIC CLAM	NO-OF-IND	COUNT	1
717	XIF6388	890410	1425	9	BA		2	3916150	7620500	2	BALTHIC CLAM	NO-OF-IND	COUNT	1
718	XIF6388	890410	1425	9	BA		2	3916150	7620500	1	CYATHURA POLITA	NO-OF-IND	COUNT	3
719	XIF6388	890410	1425	9	BA		2	3916150	7620500	2	CYATHURA POLITA	NO-OF-IND	COUNT	2
720	XIF6388	890410	1425	9	BA		2	3916150	7620500	1	COROPHIUM LACUSTRE	NO-OF-IND	COUNT	1
721	XIF6388	890410	1425	9	BA		2	3916150	7620500	1	LEPTOCHEIRUS PLUMULOSUS	NO-OF-IND	COUNT	3
722	XIF6388	890410	1425	9	BA		2	3916150	7620500	2	LEPTOCHEIRUS PLUMULOSUS	NO-OF-IND	COUNT	6
723	XIF6388	890410	1425	9	BA		2	3916150	7620500	1	MUD CRAB	NO-OF-IND	COUNT	1
724	XIF6388	890410	1425	9	BA		2	3916150	7620500	1	UNIDENTIFIED CHIRONOMID LARVAE	NO-OF-IND	COUNT	6
725	XIF3538	890411	940	3	BA		0	3913370	7623470	1	CORDYLOPHORA CASPIA	NO-CF-IND	ESTDNSTY	2
726	XIF3538	890411	940	3	BA		0	3913370	7623470	1	CAPITELLA CAPITATA	NO-CF-IND	ESTDNSTY	3
727	XIF3538	890411	940	3	BA		0	3913370	7623470	1	COROPHIUM LACUSTRE	NO-CF-IND	ESTDNSTY	1
728	XIF3538	890411	940	3	BA		0	3913370	7623470	1	VICTORELLA PAVIDA	NO-OF-IND	ESTDNSTY	1



GIS STATION	DATE	TIME	DEPTH	COUNTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPCODE	SPCODE	FARAM	UNITS	VALUE
729	XIF363A	890411	940	H	PA	0	3913370	7623470	1	CORDYLOPHORA CASPIA	NO-OF-IND	ESTDNSTY	2
730	XIF363B	890411	940	H	BA	0	3913370	7623470	1	HETEROMASTUS FILIFORMIS	NO-OF-IND	ESTDNSTY	3
731	XIF363C	890411	940	H	HA	0	3913370	7623470	1	CLAM WORM	NO-OF-IND	ESTDNSTY	3
732	XIF363D	890411	940	H	HA	0	3913370	7623470	1	GREEN WORM	NO-OF-IND	ESTDNSTY	3
733	XIF363E	890411	940	H	BA	0	3913370	7623470	1	CAPITELLA CAPITATA	NO-OF-IND	ESTDNSTY	2
734	XIF363F	890411	940	P	BA	0	3913370	7623470	1	POLYDORA LIGNI	NO-OF-IND	ESTDNSTY	2
735	XIF363G	890411	940	P	HA	0	3913370	7623470	1	COROPHIUM LACUSTRE	NO-OF-IND	ESTDNSTY	1
736	XIF363H	890411	940	A	HA	0	3913370	7623470	1	VICTORELLA PAVIDA	NO-OF-IND	ESTDNSTY	1
737	XIF4514	890411	844	J	BA	0	3914320	7621230	1	CORDYLOPHORA CASPIA	NO-OF-IND	ESTDNSTY	2
738	XIF4514	890411	844	J	BA	0	3914320	7621230	1	CLAM WORM	NO-OF-IND	ESTDNSTY	2
739	XIF4514	890411	844	J	BA	0	3914320	7621230	1	POLYDORA LIGNI	NO-OF-IND	ESTDNSTY	2
740	XIF4514	890411	844	J	BA	0	3914320	7621230	1	BARNACLE	NO-OF-IND	ESTDNSTY	3
741	XIF4514	890411	844	J	BA	0	3914320	7621230	1	WHITE BARNACLE	NO-OF-IND	ESTDNSTY	3
742	XIF4514	890411	844	J	BA	0	3914320	7621230	1	COROPHIUM LACUSTRE	NO-OF-IND	ESTDNSTY	1
743	XIF4514	890411	844	J	BA	0	3914320	7621230	1	VICTORELLA PAVIDA	NO-OF-IND	ESTDNSTY	2
744	XIF4514	890411	844	H	BA	0	3914320	7621230	1	CORDYLOPHORA CASPIA	NO-OF-IND	ESTDNSTY	2
745	XIF4514	890411	844	H	HA	0	3914320	7621230	1	GREEN WORM	NO-OF-IND	ESTDNSTY	2
746	XIF4514	890411	844	B	BA	0	3914320	7621230	1	POLYDORA LIGNI	NO-OF-IND	ESTDNSTY	2
747	XIF4514	890411	844	B	BA	0	3914320	7621230	1	BARNACLE	NO-OF-IND	ESTDNSTY	3
748	XIF4514	890411	844	B	BA	0	3914320	7621230	1	COROPHIUM LACUSTRE	NO-OF-IND	ESTDNSTY	2
749	XIF4514	890411	844	P	HA	0	3914320	7621230	1	HEMIGRANIPORA TNUIS	NO-OF-IND	ESTDNSTY	2
750	XIF4514	890411	844	P	BA	0	3914320	7621230	1	VICTORELLA PAVIDA	NO-OF-IND	ESTDNSTY	2
751	XIF4518	890411	915	J	BA	0	3914280	7621500	1	CORDYLOPHORA CASPIA	NO-OF-IND	ESTDNSTY	2
752	XIF4518	890411	915	J	BA	0	3914280	7621500	1	CAPITELLA CAPITATA	NO-OF-IND	ESTDNSTY	2
753	XIF4518	890411	915	J	BA	0	3914280	7621500	1	POLYDORA LIGNI	NO-OF-IND	ESTDNSTY	2
754	XIF4518	890411	915	J	PA	0	3914280	7621500	1	BARNACLE	NO-OF-IND	ESTDNSTY	3
755	XIF4518	890411	915	J	BA	0	3914280	7621500	1	LEPTOCHEIRUS PLUMULOSUS	NO-OF-IND	ESTDNSTY	1
756	XIF4518	890411	915	J	HA	0	3914280	7621500	1	GAMMARUS TIGRINUS	NO-OF-IND	ESTDNSTY	3
757	XIF4518	890411	915	J	HA	0	3914280	7621500	1	VICTORELLA PAVIDA	NO-OF-IND	ESTDNSTY	1
758	XIF4518	890411	915	J	BA	0	3914280	7621500	2	VICTORELLA PAVIDA	NO-OF-IND	ESTDNSTY	2
759	XIF4518	890411	915	6	HA	0	3914280	7621500	1	CORDYLOPHORA CASPIA	NO-OF-IND	ESTDNSTY	3
760	XIF4518	890411	915	6	BA	0	3914280	7621500	1	CAPITELLA CAPITATA	NO-OF-IND	ESTDNSTY	2
761	XIF4518	890411	915	P	BA	0	3914280	7621500	1	COROPHIUM LACUSTRE	NO-OF-IND	ESTDNSTY	2
762	XIF4518	890411	915	P	PA	0	3914280	7621500	1	VICTORELLA PAVIDA	NO-OF-IND	ESTDNSTY	2
763	XIF4518	890411	915	H	BA	0	3914280	7621500	2	VICTORELLA PAVIDA	NO-OF-IND	ESTDNSTY	3
764	XIF4518	890411	915	6	BA	0	3914280	7621500	3	VICTORELLA PAVIDA	NO-OF-IND	ESTDNSTY	2
765	XIF4518	890411	925	J	BA	0	3914460	7621160	1	CORDYLOPHORA CASPIA	NO-OF-IND	ESTDNSTY	2
766	XIF4518	890411	925	J	PA	0	3914460	7621160	1	CLAM WORM	NO-OF-IND	ESTDNSTY	2
767	XIF4518	890411	925	J	BA	0	3914460	7621160	1	CAPITELLA CAPITATA	NO-OF-IND	ESTDNSTY	2
768	XIF4518	890411	925	J	BA	0	3914460	7621160	1	POLYDORA LIGNI	NO-OF-IND	ESTDNSTY	2
769	XIF4518	890411	925	J	BA	0	3914460	7621160	1	BARNACLE	NO-OF-IND	ESTDNSTY	2
770	XIF4518	890411	925	J	BA	0	3914460	7621160	1	COROPHIUM LACUSTRE	NO-OF-IND	ESTDNSTY	1
771	XIF6356	890802	1509	9	BA	6	3916150	7620500	1	HETEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	1
772	XIF6356	890802	1509	9	BA	6	3916150	7620500	2	HETEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	4
773	XIF6356	890802	1509	9	BA	6	3916150	7620500	3	HETEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	1
774	XIF6356	890802	1509	9	BA	6	3916150	7620500	1	CLAM WORM	NO-OF-IND	COUNT	1
775	XIF6356	890802	1509	9	BA	6	3916150	7620500	1	GREEN WORM	NO-OF-IND	COUNT	41
776	XIF6356	890802	1509	9	BA	6	3916150	7620500	2	GREEN WORM	NO-OF-IND	COUNT	48
777	XIF6356	890802	1509	9	BA	6	3916150	7620500	3	GREEN WORM	NO-OF-IND	COUNT	17
778	XIF6356	890802	1509	9	BA	6	3916150	7620500	1	PELOSCOLEX SP	NO-OF-IND	COUNT	3
779	XIF6356	890802	1509	9	BA	6	3916150	7620500	2	PELOSCOLEX SP	NO-OF-IND	COUNT	1
780	XIF6356	890802	1509	9	BA	6	3916150	7620500	3	PELOSCOLEX SP	NO-OF-IND	COUNT	1
781	XIF6356	890802	1509	9	BA	6	3916150	7620500	1	BRACKISH WATER CLAM	NO-OF-IND	COUNT	3
782	XIF6356	890802	1509	9	BA	6	3916150	7620500	2	BRACKISH WATER CLAM	NO-OF-IND	COUNT	7
783	XIF6356	890802	1509	9	BA	6	3916150	7620500	3	BRACKISH WATER CLAM	NO-OF-IND	COUNT	4
784	XIF6356	890802	1509	9	BA	6	3916150	7620500	1	BALTHIC CLAM	NO-OF-IND	COUNT	1

ORS STATION	DATE	TIME	DEPTH	COUNTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPCODE	SPCODE	PARAM	UNITS	VALUE
785	XIF6368	890802	1509	9	BA	6	3916150	7620500	1	CYATHURA POLITA	NO-OF-IND	COUNT	7
786	XIF6368	890802	1509	9	BA	6	3916150	7620500	2	CYATHURA POLITA	NO-OF-IND	COUNT	4
787	XIF6368	890802	1509	9	BA	6	3916150	7620500	3	CYATHURA POLITA	NO-OF-IND	COUNT	9
788	XIF6368	890802	1509	9	BA	6	3916150	7620500	1	COROPHIUM LACUSTRE	NO-OF-IND	COUNT	33
789	XIF6368	890802	1509	9	BA	6	3916150	7620500	2	COROPHIUM LACUSTRE	NO-OF-IND	COUNT	3
790	XIF6368	890802	1509	9	BA	6	3916150	7620500	1	LEPTOCHEIRUS PLUMULOSUS	NO-OF-IND	COUNT	120
791	XIF6368	890802	1509	9	BA	6	3916150	7620500	2	LEPTOCHEIRUS PLUMULOSUS	NO-OF-IND	COUNT	134
792	XIF6368	890802	1509	9	BA	6	3916150	7620500	3	LEPTOCHEIRUS PLUMULOSUS	NO-OF-IND	COUNT	117
793	XIF6368	890802	1509	9	BA	6	3916150	7620500	1	GAMMARUS TIGRINUS	NO-OF-IND	COUNT	1
794	XIF6368	890802	1509	9	BA	6	3916150	7620500	1	MELITA NITIDA	NO-OF-IND	COUNT	5
795	XIF6368	890802	1509	9	BA	6	3916150	7620500	2	MELITA NITIDA	NO-OF-IND	COUNT	2
796	XIF6368	890802	1509	9	BA	6	3916150	7620500	1	MONOCULODES EDWARDSI	NO-OF-IND	COUNT	1
797	XIF6368	890802	1509	9	BA	6	3916150	7620500	2	MONOCULODES EDWARDSI	NO-OF-IND	COUNT	1
798	XIF6368	890802	1509	9	BA	6	3916150	7620500	1	UNIDENTIFIED CHIRONOMID LARVAE	NO-OF-IND	COUNT	4
799	XIF6368	890802	1509	9	BA	6	3916150	7620500	2	UNIDENTIFIED CHIRONOMID LARVAE	NO-OF-IND	COUNT	6
800	XIF6368	890802	1509	9	BA	6	3916150	7620500	3	UNIDENTIFIED CHIRONOMID LARVAE	NO-OF-IND	COUNT	11
801	XIF3325	890807	1040	12	BA	1	3913170	7622300	1	MICRURA LEIDYI	NO-OF-IND	COUNT	1
802	XIF3325	890807	1040	12	BA	1	3913170	7622300	1	HETEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	1
803	XIF3325	890807	1040	12	BA	1	3913170	7622300	2	HETEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	3
804	XIF3325	890807	1040	12	BA	1	3913170	7622300	1	CLAM WORM	NO-OF-IND	COUNT	1
805	XIF3325	890807	1040	12	BA	1	3913170	7622300	2	CLAM WORM	NO-OF-IND	COUNT	1
806	XIF3325	890807	1040	12	BA	1	3913170	7622300	1	GREEN WORM	NO-OF-IND	COUNT	20
807	XIF3325	890807	1040	12	BA	1	3913170	7622300	2	GREEN WORM	NO-OF-IND	COUNT	40
808	XIF3325	890807	1040	12	BA	1	3913170	7622300	3	GREEN WORM	NO-OF-IND	COUNT	35
809	XIF3325	890807	1040	12	BA	1	3913170	7622300	1	PELOSCOLEX SP	NO-OF-IND	COUNT	1
810	XIF3325	890807	1040	12	BA	1	3913170	7622300	2	PELOSCOLEX SP	NO-OF-IND	COUNT	12
811	XIF3325	890807	1040	12	BA	1	3913170	7622300	3	PELOSCOLEX SP	NO-OF-IND	COUNT	10
812	XIF3325	890807	1040	12	BA	1	3913170	7622300	1	BRACKISH WATER CLAM	NO-OF-IND	COUNT	7
813	XIF3325	890807	1040	12	BA	1	3913170	7622300	2	BRACKISH WATER CLAM	NO-OF-IND	COUNT	7
814	XIF3325	890807	1040	12	BA	1	3913170	7622300	3	BRACKISH WATER CLAM	NO-OF-IND	COUNT	9
815	XIF3325	890807	1040	12	BA	1	3913170	7622300	1	BALTHIC CLAM	NO-OF-IND	COUNT	3
816	XIF3325	890807	1040	12	BA	1	3913170	7622300	2	BALTHIC CLAM	NO-OF-IND	COUNT	13
817	XIF3325	890807	1040	12	BA	1	3913170	7622300	3	BALTHIC CLAM	NO-OF-IND	COUNT	3
818	XIF3325	890807	1040	12	BA	1	3913170	7622300	1	HITCHELLS CLAM	NO-OF-IND	COUNT	2
819	XIF3325	890807	1040	12	BA	1	3913170	7622300	1	CYATHURA POLITA	NO-OF-IND	COUNT	11
820	XIF3325	890807	1040	12	BA	1	3913170	7622300	2	CYATHURA POLITA	NO-OF-IND	COUNT	23
821	XIF3325	890807	1040	12	BA	1	3913170	7622300	3	CYATHURA POLITA	NO-OF-IND	COUNT	15
822	XIF3325	890807	1040	12	BA	1	3913170	7622300	1	LEPTOCHEIRUS PLUMULOSUS	NO-OF-IND	COUNT	50
823	XIF3325	890807	1040	12	BA	1	3913170	7622300	2	LEPTOCHEIRUS PLUMULOSUS	NO-OF-IND	COUNT	62
824	XIF3325	890807	1040	12	BA	1	3913170	7622300	3	LEPTOCHEIRUS PLUMULOSUS	NO-OF-IND	COUNT	49
825	XIF3325	890807	1040	12	BA	1	3913170	7622300	1	MONOCULODES EDWARDSI	NO-OF-IND	COUNT	1
826	XIF3325	890807	1040	12	BA	1	3913170	7622300	1	GAMMARUS DAIBERTI	NO-OF-IND	COUNT	1
827	XIF3325	890807	1040	12	BA	1	3913170	7622300	1	UNIDENTIFIED CHIRONOMID LARVAE	NO-OF-IND	COUNT	3
828	XIF3325	890807	1040	12	BA	1	3913170	7622300	2	UNIDENTIFIED CHIRONOMID LARVAE	NO-OF-IND	COUNT	9
829	XIF4124	890807	1150	12	BA	1	3914080	7622240	1	MICRURA LEIDYI	NO-OF-IND	COUNT	1
830	XIF4124	890807	1150	12	BA	1	3914080	7622240	2	MICRURA LEIDYI	NO-OF-IND	COUNT	1
831	XIF4124	890807	1150	12	BA	1	3914080	7622240	1	GREEN WORM	NO-OF-IND	COUNT	63
832	XIF4124	890807	1150	12	BA	1	3914080	7622240	2	GREEN WORM	NO-OF-IND	COUNT	44
833	XIF4124	890807	1150	12	BA	1	3914080	7622240	3	GREEN WORM	NO-OF-IND	COUNT	125
834	XIF4124	890807	1150	12	BA	1	3914080	7622240	1	STREBLOSPIO BENEDICTI	NO-OF-IND	COUNT	1
835	XIF4124	890807	1150	12	BA	1	3914080	7622240	2	STREBLOSPIO BENEDICTI	NO-OF-IND	COUNT	1
836	XIF4124	890807	1150	12	BA	1	3914080	7622240	1	PELOSCOLEX SP	NO-OF-IND	COUNT	9
837	XIF4124	890807	1150	12	BA	1	3914080	7622240	2	PELOSCOLEX SP	NO-OF-IND	COUNT	5
838	XIF4124	890807	1150	12	BA	1	3914080	7622240	3	PELOSCOLEX SP	NO-OF-IND	COUNT	3
839	XIF4124	890807	1150	12	BA	1	3914080	7622240	1	BRACKISH WATER CLAM	NO-OF-IND	COUNT	12
840	XIF4124	890807	1150	12	BA	1	3914080	7622240	2	BRACKISH WATER CLAM	NO-OF-IND	COUNT	3

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STS	STATION	DATE	TIME	DEPTH	COUNTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPCODE	SF CODE	PARAM	UNITS	VALUE
841	XIF4124	890807	1150	12	BA		1	3914080	7622240	3	BRACKISH WATER CLAM	NO-OF-IND	COUNT	12
842	XIF4124	890807	1150	12	BA		1	3914080	7622240	1	MITCHELLS CLAM	NO-OF-IND	COUNT	2
843	XIF4124	890807	1150	12	PA		1	3914080	7622240	2	MITCHELLS CLAM	NO-OF-IND	COUNT	1
844	XIF4124	890807	1150	12	HA		1	3914080	7622240	3	MITCHELLS CLAM	NO-OF-IND	COUNT	2
845	XIF4124	890807	1150	12	BA		1	3914080	7622240	1	CYATHURA POLITA	NO-OF-IND	COUNT	19
846	XIF4124	890807	1150	12	BA		1	3914080	7622240	2	CYATHURA POLITA	NO-OF-IND	COUNT	90
847	XIF4124	890807	1150	12	BA		1	3914080	7622240	3	CYATHURA POLITA	NO-OF-IND	COUNT	27
848	XIF4124	890807	1150	12	BA		1	3914080	7622240	1	LEPTOCHEIRUS PLUMULOSUS	NO-OF-IND	COUNT	33
849	XIF4124	890807	1150	12	BA		1	3914080	7622240	2	LEPTOCHEIRUS PLUMULOSUS	NO-OF-IND	COUNT	56
850	XIF4124	890807	1150	12	BA		1	3914080	7622240	3	LEPTOCHEIRUS PLUMULOSUS	NO-OF-IND	COUNT	22
851	XIF4124	890807	1150	12	BA		1	3914080	7622240	1	UNIDENTIFIED CHIRONOMID LARVAE	NO-OF-IND	COUNT	6
852	XIF4327	890807	1131	8	BA		1	3914170	7622410	1	MICRURA LEIDYI	NO-OF-IND	COUNT	1
853	XIF4327	890807	1131	8	BA		1	3914170	7622410	1	METEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	2
854	XIF4327	890807	1131	8	BA		1	3914170	7622410	2	METEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	5
855	XIF4327	890807	1131	8	BA		1	3914170	7622410	3	METEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	2
856	XIF4327	890807	1131	8	HA		1	3914170	7622410	1	GREEN WORM	NO-OF-IND	COUNT	49
857	XIF4327	890807	1131	8	BA		1	3914170	7622410	2	GREEN WORM	NO-OF-IND	COUNT	31
858	XIF4327	890807	1131	8	BA		1	3914170	7622410	3	GREEN WORM	NO-OF-IND	COUNT	92
859	XIF4327	890807	1131	8	BA		1	3914170	7622410	1	STREBLOSPIO BENEDICTI	NO-OF-IND	COUNT	3
860	XIF4327	890807	1131	8	BA		1	3914170	7622410	2	STREBLOSPIO BENEDICTI	NO-OF-IND	COUNT	4
861	XIF4327	890807	1131	8	PA		1	3914170	7622410	1	PELISCOLEX SP	NO-OF-IND	COUNT	6
862	XIF4327	890807	1131	8	BA		1	3914170	7622410	2	PELISCOLEX SP	NO-OF-IND	COUNT	23
863	XIF4327	890807	1131	8	BA		1	3914170	7622410	3	PELISCOLEX SP	NO-OF-IND	COUNT	25
864	XIF4327	890807	1131	8	BA		1	3914170	7622410	1	BRACKISH WATER CLAM	NO-OF-IND	COUNT	3
865	XIF4327	890807	1131	8	BA		1	3914170	7622410	2	BRACKISH WATER CLAM	NO-OF-IND	COUNT	1
866	XIF4327	890807	1131	8	BA		1	3914170	7622410	1	BALTHIC CLAM	NO-OF-IND	COUNT	1
867	XIF4327	890807	1131	8	BA		1	3914170	7622410	1	MITCHELLS CLAM	NO-OF-IND	COUNT	2
868	XIF4327	890807	1131	8	BA		1	3914170	7622410	2	MITCHELLS CLAM	NO-OF-IND	COUNT	5
869	XIF4327	890807	1131	8	BA		1	3914170	7622410	3	MITCHELLS CLAM	NO-OF-IND	COUNT	3
870	XIF4327	890807	1131	8	BA		1	3914170	7622410	1	CYATHURA POLITA	NO-OF-IND	COUNT	24
871	XIF4327	890807	1131	8	BA		1	3914170	7622410	2	CYATHURA POLITA	NO-OF-IND	COUNT	17
872	XIF4327	890807	1131	8	BA		1	3914170	7622410	3	CYATHURA POLITA	NO-OF-IND	COUNT	18
873	XIF4327	890807	1131	8	PA		1	3914170	7622410	1	EDOTEA TRILOBA	NO-OF-IND	COUNT	1
874	XIF4327	890807	1131	8	BA		1	3914170	7622410	1	LEPTOCHEIRUS PLUMULOSUS	NO-OF-IND	COUNT	48
875	XIF4327	890807	1131	8	HA		1	3914170	7622410	2	LEPTOCHEIRUS PLUMULOSUS	NO-OF-IND	COUNT	80
876	XIF4327	890807	1131	8	HA		1	3914170	7622410	3	LEPTOCHEIRUS PLUMULOSUS	NO-OF-IND	COUNT	81
877	XIF4327	890807	1131	8	HA		1	3914170	7622410	1	PONGCULODES EDWARDSI	NO-OF-IND	COUNT	1
878	XIF4327	890807	1131	8	PA		1	3914170	7622410	1	UNIDENTIFIED CHIRONOMID LARVAE	NO-OF-IND	COUNT	1
879	XIF4327	890807	1131	8	HA		1	3914170	7622410	2	UNIDENTIFIED CHIRONOMID LARVAE	NO-OF-IND	COUNT	4
880	XIF4327	890807	1131	8	BA		1	3914170	7622410	3	UNIDENTIFIED CHIRONOMID LARVAE	NO-OF-IND	COUNT	1
881	XIF4420	890807	1204	16	BA		1	3914230	7622000	1	MICRURA LEIDYI	NO-OF-IND	COUNT	1
882	XIF4420	890807	1204	16	BA		1	3914230	7622000	1	METEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	1
883	XIF4420	890807	1204	16	BA		1	3914230	7622000	1	CLAM WORM	NO-OF-IND	COUNT	1
884	XIF4420	890807	1204	16	BA		1	3914230	7622000	1	GREEN WORM	NO-OF-IND	COUNT	61
885	XIF4420	890807	1204	16	PA		1	3914230	7622000	2	GREEN WORM	NO-OF-IND	COUNT	54
886	XIF4420	890807	1204	16	BA		1	3914230	7622000	3	GREEN WORM	NO-OF-IND	COUNT	117
887	XIF4420	890807	1204	16	BA		1	3914230	7622000	1	STREBLOSPIO BENEDICTI	NO-OF-IND	COUNT	1
888	XIF4420	890807	1204	16	BA		1	3914230	7622000	2	STREBLOSPIO BENEDICTI	NO-OF-IND	COUNT	1
889	XIF4420	890807	1204	16	BA		1	3914230	7622000	1	PELISCOLEX SP	NO-OF-IND	COUNT	1
890	XIF4420	890807	1204	16	BA		1	3914230	7622000	1	BRACKISH WATER CLAM	NO-OF-IND	COUNT	2
891	XIF4420	890807	1204	16	PA		1	3914230	7622000	2	BRACKISH WATER CLAM	NO-OF-IND	COUNT	16
892	XIF4420	890807	1204	16	BA		1	3914230	7622000	3	BRACKISH WATER CLAM	NO-OF-IND	COUNT	15
893	XIF4420	890807	1204	16	PA		1	3914230	7622000	1	CYATHURA POLITA	NO-OF-IND	COUNT	10
894	XIF4420	890807	1204	16	BA		1	3914230	7622000	2	CYATHURA POLITA	NO-OF-IND	COUNT	12
895	XIF4420	890807	1204	16	BA		1	3914230	7622000	3	CYATHURA POLITA	NO-OF-IND	COUNT	10
896	XIF4420	890807	1204	16	BA		1	3914230	7622000	1	COROPHIUM LACUSTRE	NO-OF-IND	COUNT	1



LINE	STATION	DATE	TIME	DEPTH	COUNTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPCODE	SPCODE	PARAM	UNITS	VALUE
953	XIF4811	890807	1327	15	BA		1	3914500	7621070	3	LEPTOCHEIRUS PLUMULOSUS	NO-OF-IND	COUNT	44
954	XIF4811	890807	1327	15	BA		1	3914500	7621070	1	MONOCULODES EDWARDSI	NO-OF-IND	COUNT	2
955	XIF4811	890807	1327	15	BA		1	3914500	7621070	1	UNIDENTIFIED CHIRONOMID LARVAE	NO-OF-IND	COUNT	3
956	XIF4811	890807	1327	15	BA		1	3914500	7621070	2	UNIDENTIFIED CHIRONOMID LARVAE	NO-OF-IND	COUNT	6
957	XIF4811	890807	1327	15	BA		1	3914500	7621070	3	UNIDENTIFIED CHIRONOMID LARVAE	NO-OF-IND	COUNT	3
958	XIFS145	890807	1526	9	BA		6	3914390	7623550	1	HETEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	3
959	XIFS145	890807	1526	9	BA		6	3914390	7623550	2	HETEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	17
960	XIFS145	890807	1526	9	BA		6	3914390	7623550	3	HETEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	9
961	XIFS145	890807	1526	9	BA		6	3914390	7623550	1	CLAM WORM	NO-OF-IND	COUNT	1
962	XIFS145	890807	1526	9	BA		6	3914390	7623550	2	CLAM WORM	NO-OF-IND	COUNT	1
963	XIFS145	890807	1526	9	BA		6	3914390	7623550	1	GREEN WORM	NO-OF-IND	COUNT	5
964	XIFS145	890807	1526	9	BA		6	3914390	7623550	2	GREEN WORM	NO-OF-IND	COUNT	50
965	XIFS145	890807	1526	9	BA		6	3914390	7623550	3	GREEN WORM	NO-OF-IND	COUNT	29
966	XIFS145	890807	1526	9	BA		6	3914390	7623550	1	CAPITELLA CAPITATA	NO-OF-IND	COUNT	1
967	XIFS145	890807	1526	9	BA		6	3914390	7623550	1	STREBLOSPIO BENEDICTI	NO-OF-IND	COUNT	9
968	XIFS145	890807	1526	9	BA		6	3914390	7623550	2	STREBLOSPIO BENEDICTI	NO-OF-IND	COUNT	9
969	XIFS145	890807	1526	9	BA		6	3914390	7623550	3	STREBLOSPIO BENEDICTI	NO-OF-IND	COUNT	13
970	XIFS145	890807	1526	9	BA		6	3914390	7623550	1	PELOSCOLEX SP	NO-OF-IND	COUNT	29
971	XIFS145	890807	1526	9	BA		6	3914390	7623550	2	PELOSCOLEX SP	NO-OF-IND	COUNT	19
972	XIFS145	890807	1526	9	BA		6	3914390	7623550	3	PELOSCOLEX SP	NO-OF-IND	COUNT	22
973	XIFS145	890807	1526	9	BA		6	3914390	7623550	1	BRACKISH WATER CLAM	NO-OF-IND	COUNT	4
974	XIFS145	890807	1526	9	BA		6	3914390	7623550	2	BRACKISH WATER CLAM	NO-OF-IND	COUNT	4
975	XIFS145	890807	1526	9	BA		6	3914390	7623550	3	BRACKISH WATER CLAM	NO-OF-IND	COUNT	2
976	XIFS145	890807	1526	9	BA		6	3914390	7623550	1	LEUCON AMERICANUS	NO-OF-IND	COUNT	1
977	XIFS145	890807	1526	9	BA		6	3914390	7623550	2	LEUCON AMERICANUS	NO-OF-IND	COUNT	2
978	XIFS145	890807	1526	9	BA		6	3914390	7623550	1	CYATHURA POLITA	NO-OF-IND	COUNT	31
979	XIFS145	890807	1526	9	BA		6	3914390	7623550	2	CYATHURA POLITA	NO-OF-IND	COUNT	33
980	XIFS145	890807	1526	9	BA		6	3914390	7623550	3	CYATHURA POLITA	NO-OF-IND	COUNT	36
981	XIFS145	890807	1526	9	BA		6	3914390	7623550	1	EDOTEA TRILOBA	NO-OF-IND	COUNT	1
982	XIFS145	890807	1526	9	BA		6	3914390	7623550	1	CASSIDINIDEA LUMIFRONS	NO-OF-IND	COUNT	1
983	XIFS145	890807	1526	9	BA		6	3914390	7623550	2	CASSIDINIDEA LUMIFRONS	NO-OF-IND	COUNT	1
984	XIFS145	890807	1526	9	BA		6	3914390	7623550	1	COROPHIUM LACUSTRE	NO-OF-IND	COUNT	4
985	XIFS145	890807	1526	9	BA		6	3914390	7623550	2	COROPHIUM LACUSTRE	NO-OF-IND	COUNT	2
986	XIFS145	890807	1526	9	BA		6	3914390	7623550	1	LEPTOCHEIRUS PLUMULOSUS	NO-OF-IND	COUNT	6
987	XIFS145	890807	1526	9	BA		6	3914390	7623550	2	LEPTOCHEIRUS PLUMULOSUS	NO-OF-IND	COUNT	3
988	XIFS145	890807	1526	9	BA		6	3914390	7623550	1	MONOCULODES EDWARDSI	NO-OF-IND	COUNT	1
989	XIFS145	890807	1526	9	BA		6	3914390	7623550	1	MUD CRAB	NO-OF-IND	COUNT	6
990	XIFS145	890807	1526	9	BA		6	3914390	7623550	2	UNIDENTIFIED CHIRONOMID LARVAE	NO-OF-IND	COUNT	3
991	XIFS145	890807	1526	9	BA		6	3914390	7623550	1	UNIDENTIFIED CHIRONOMID LARVAE	NO-OF-IND	COUNT	2
992	XIFS145	890807	1526	9	BA		6	3914390	7623550	3	UNIDENTIFIED CHIRONOMID LARVAE	NO-OF-IND	COUNT	2
993	XIF5297	890807	1429	12	BA		6	3915330	7619530	1	HETEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	1
994	XIF5297	890807	1429	12	BA		6	3915330	7619530	2	HETEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	8
995	XIF5297	890807	1429	12	BA		6	3915330	7619530	3	HETEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	19
996	XIF5297	890807	1429	12	BA		6	3915330	7619530	1	CLAM WORM	NO-OF-IND	COUNT	3
997	XIF5297	890807	1429	12	BA		6	3915330	7619530	1	GREEN WORM	NO-OF-IND	COUNT	66
998	XIF5297	890807	1429	12	BA		6	3915330	7619530	2	GREEN WORM	NO-OF-IND	COUNT	74
999	XIF5297	890807	1429	12	BA		6	3915330	7619530	3	GREEN WORM	NO-OF-IND	COUNT	93
1000	XIF5297	890807	1429	12	BA		6	3915330	7619530	1	STREBLOSPIO BENEDICTI	NO-OF-IND	COUNT	2
1001	XIF5297	890807	1429	12	BA		6	3915330	7619530	1	PELOSCOLEX SP	NO-OF-IND	COUNT	1
1002	XIF5297	890807	1429	12	BA		6	3915330	7619530	2	PELOSCOLEX SP	NO-OF-IND	COUNT	1
1003	XIF5297	890807	1429	12	BA		6	3915330	7619530	1	ISCHADIUM RECURVUM	NO-OF-IND	COUNT	1
1004	XIF5297	890807	1429	12	BA		6	3915330	7619530	1	BRACKISH WATER CLAM	NO-OF-IND	COUNT	17
1005	XIF5297	890807	1429	12	BA		6	3915330	7619530	2	BRACKISH WATER CLAM	NO-OF-IND	COUNT	12
1006	XIF5297	890807	1429	12	BA		6	3915330	7619530	3	BRACKISH WATER CLAM	NO-OF-IND	COUNT	17
1007	XIF5297	890807	1429	12	BA		6	3915330	7619530	1	BALTHIC CLAM	NO-OF-IND	COUNT	1
1008	XIF5297	890807	1429	12	BA		6	3915330	7619530	1	MITCHELLS CLAM	NO-OF-IND	COUNT	1

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OBS	STATION	DATE	TIME	DEPTH	COUNTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPCODE	SPCODE	PARAM	UNITS	VALUE
1009	XIF5297	890807	1429	12	BA		6	3915330	7619530	1	CYATHURA POLITA	NO-OF-IND	COUNT	8
1010	XIF5297	890807	1429	12	BA		6	3915330	7619530	2	CYATHURA POLITA	NO-OF-IND	COUNT	7
1011	XIF5297	890807	1429	12	BA		6	3915330	7619530	3	CYATHURA POLITA	NO-OF-IND	COUNT	7
1012	XIF5297	890807	1429	12	BA		6	3915330	7619530	1	COROPHIUM LACUSTRE	NO-OF-IND	COUNT	4
1013	XIF5297	890807	1429	12	BA		6	3915330	7619530	2	COROPHIUM LACUSTRE	NO-OF-IND	COUNT	2
1014	XIF5297	890807	1429	12	BA		6	3915330	7619530	1	LEPTOCHEIRUS PLUMULOSUS	NO-OF-IND	COUNT	21
1015	XIF5297	890807	1429	12	BA		6	3915330	7619530	2	LEPTOCHEIRUS PLUMULOSUS	NO-OF-IND	COUNT	28
1016	XIF5297	890807	1429	12	BA		6	3915330	7619530	3	LEPTOCHEIRUS PLUMULOSUS	NO-OF-IND	COUNT	10
1017	XIF5297	890807	1429	12	BA		6	3915330	7619530	1	MELITA NITIDA	NO-OF-IND	COUNT	1
1018	XIF5297	890807	1429	12	BA		6	3915330	7619530	2	MELITA NITIDA	NO-OF-IND	COUNT	1
1019	XIF5297	890807	1429	12	BA		6	3915330	7619530	1	MONOCULODES EDWARDSI	NO-OF-IND	COUNT	1
1020	XIF5297	890807	1429	12	BA		6	3915330	7619530	2	MONOCULODES EDWARDSI	NO-OF-IND	COUNT	1
1021	XIF5297	890807	1429	12	BA		6	3915330	7619530	1	GAMMARUS DAIBERI	NO-OF-IND	COUNT	1
1022	XIF5297	890807	1429	12	HA		6	3915330	7619530	1	MUD CRAB	NO-OF-IND	COUNT	1
1023	XIF5297	890807	1429	12	BA		6	3915330	7619530	2	MUD CRAB	NO-OF-IND	COUNT	1
1024	XIF5297	890807	1429	12	HA		6	3915330	7619530	1	UNIDENTIFIED CHIRONOMID LARVAE	NO-OF-IND	COUNT	1
1025	XIF5406	890807	1353	12	BA		1	3915250	7620350	1	HETEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	7
1026	XIF5406	890807	1353	12	BA		1	3915250	7620350	2	HETEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	5
1027	XIF5406	890807	1353	12	BA		1	3915250	7620350	3	HETEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	2
1028	XIF5406	890807	1353	12	HA		1	3915250	7620350	1	GREEN WORM	NO-OF-IND	COUNT	54
1029	XIF5406	890807	1353	12	BA		1	3915250	7620350	2	GREEN WORM	NO-OF-IND	COUNT	12
1030	XIF5406	890807	1353	12	HA		1	3915250	7620350	3	GREEN WORM	NO-OF-IND	COUNT	9
1031	XIF5406	890807	1353	12	BA		1	3915250	7620350	1	PELOSCOLEX SP	NO-OF-IND	COUNT	1
1032	XIF5406	890807	1353	12	BA		1	3915250	7620350	2	PELOSCOLEX SP	NO-OF-IND	COUNT	1
1033	XIF5406	890807	1353	12	BA		1	3915250	7620350	1	BRACKISH WATER CLAM	NO-OF-IND	COUNT	14
1034	XIF5406	890807	1353	12	BA		1	3915250	7620350	2	BRACKISH WATER CLAM	NO-OF-IND	COUNT	7
1035	XIF5406	890807	1353	12	BA		1	3915250	7620350	3	BRACKISH WATER CLAM	NO-OF-IND	COUNT	16
1036	XIF5406	890807	1353	12	BA		1	3915250	7620350	1	CYATHURA POLITA	NO-OF-IND	COUNT	4
1037	XIF5406	890807	1353	12	BA		1	3915250	7620350	2	CYATHURA POLITA	NO-OF-IND	COUNT	4
1038	XIF5406	890807	1353	12	BA		1	3915250	7620350	3	CYATHURA POLITA	NO-OF-IND	COUNT	11
1039	XIF5406	890807	1353	12	BA		1	3915250	7620350	1	GAMMARUS PALUSTRIS	NO-OF-IND	COUNT	2
1040	XIF5406	890807	1353	12	BA		1	3915250	7620350	2	GAMMARUS PALUSTRIS	NO-OF-IND	COUNT	2
1041	XIF5406	890807	1353	12	BA		1	3915250	7620350	1	COROPHIUM LACUSTRE	NO-OF-IND	COUNT	4
1042	XIF5406	890807	1353	12	BA		1	3915250	7620350	2	COROPHIUM LACUSTRE	NO-OF-IND	COUNT	3
1043	XIF5406	890807	1353	12	BA		1	3915250	7620350	3	COROPHIUM LACUSTRE	NO-OF-IND	COUNT	11
1044	XIF5406	890807	1353	12	BA		1	3915250	7620350	1	LEPTOCHEIRUS PLUMULOSUS	NO-OF-IND	COUNT	9
1045	XIF5406	890807	1353	12	BA		1	3915250	7620350	2	LEPTOCHEIRUS PLUMULOSUS	NO-OF-IND	COUNT	13
1046	XIF5406	890807	1353	12	BA		1	3915250	7620350	3	LEPTOCHEIRUS PLUMULOSUS	NO-OF-IND	COUNT	15
1047	XIF5406	890807	1353	12	BA		1	3915250	7620350	1	MONOCULODES EDWARDSI	NO-OF-IND	COUNT	2
1048	XIF5406	890807	1353	12	BA		1	3915250	7620350	1	MUD CRAB	NO-OF-IND	COUNT	1
1049	XIF5406	890807	1353	12	BA		1	3915250	7620350	2	MUD CRAB	NO-OF-IND	COUNT	1
1050	XIF5710	890807	1411	6	BA		6	3915390	7620570	1	MICRURA LEIDYI	NO-OF-IND	COUNT	3
1051	XIF5710	890807	1411	6	BA		6	3915390	7620570	2	MICRURA LEIDYI	NO-OF-IND	COUNT	2
1052	XIF5710	890807	1411	6	BA		6	3915390	7620570	3	MICRURA LEIDYI	NO-OF-IND	COUNT	1
1053	XIF5710	890807	1411	6	BA		6	3915390	7620570	1	CLAM WORM	NO-OF-IND	COUNT	1
1054	XIF5710	890807	1411	6	BA		6	3915390	7620570	2	CLAM WORM	NO-OF-IND	COUNT	2
1055	XIF5710	890807	1411	6	BA		6	3915390	7620570	1	GREEN WORM	NO-OF-IND	COUNT	47
1056	XIF5710	890807	1411	6	BA		6	3915390	7620570	2	GREEN WORM	NO-OF-IND	COUNT	77
1057	XIF5710	890807	1411	6	BA		6	3915390	7620570	3	GREEN WORM	NO-OF-IND	COUNT	102
1058	XIF5710	890807	1411	6	BA		6	3915390	7620570	1	PELOSCOLEX SP	NO-OF-IND	COUNT	2
1059	XIF5710	890807	1411	6	BA		6	3915390	7620570	2	PELOSCOLEX SP	NO-OF-IND	COUNT	18
1060	XIF5710	890807	1411	6	BA		6	3915390	7620570	1	ISCHMIDIUM RECUPVUM	NO-OF-IND	COUNT	1
1061	XIF5710	890807	1411	6	BA		6	3915390	7620570	1	BRACKISH WATER CLAM	NO-OF-IND	COUNT	54
1062	XIF5710	890807	1411	6	BA		6	3915390	7620570	2	BRACKISH WATER CLAM	NO-OF-IND	COUNT	52
1063	XIF5710	890807	1411	6	BA		6	3915390	7620570	3	BRACKISH WATER CLAM	NO-OF-IND	COUNT	107
1064	XIF5710	890807	1411	6	BA		6	3915390	7620570	1	CYATHURA POLITA	NO-OF-IND	COUNT	6

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Obs	STATION	DATE	TIME	DEPTH	COUNTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPCODE	SPCODE	PARAM	UNITS	VALUE
1065	XIF5710	890807	1411	6	BA		6	3915390	7620570	2	CYATHURA POLITA	NO-OF-IND	COUNT	18
1066	XIF5710	890807	1411	6	BA		6	3915390	7620570	3	CYATHURA POLITA	NO-OF-IND	COUNT	14
1067	XIF5710	890807	1411	6	BA		6	3915390	7620570	1	CASSIDINIDEA LUNIFRONS	NO-OF-IND	COUNT	2
1068	XIF5710	890807	1411	6	BA		6	3915390	7620570	1	COROPHIUM LACUSTRE	NO-OF-IND	COUNT	74
1069	XIF5710	890807	1411	6	PA		6	3915390	7620570	2	COROPHIUM LACUSTRE	NO-OF-IND	COUNT	728
1070	XIF5710	890807	1411	6	PA		6	3915390	7620570	3	COROPHIUM LACUSTRE	NO-OF-IND	COUNT	620
1071	XIF5710	890807	1411	6	HA		6	3915390	7620570	1	LEPTOCHEIRUS PLUMULOSUS	NO-OF-IND	COUNT	2
1072	XIF5710	890807	1411	6	PA		6	3915390	7620570	2	LEPTOCHEIRUS PLUMULOSUS	NO-OF-IND	COUNT	2
1073	XIF5710	890807	1411	6	BA		6	3915390	7620570	1	MUD CRAB	NO-OF-IND	COUNT	1
1074	XIF5710	890807	1411	6	PA		6	3915390	7620570	2	MUD CRAB	NO-OF-IND	COUNT	1
1075	XIF5710	890807	1411	6	BA		6	3915390	7620570	3	MUD CRAB	NO-OF-IND	COUNT	4
1076	XIF5710	890807	1411	6	BA		6	3915390	7620570	1	UNIDENTIFIED CHIRONOMID LARVAE	NO-OF-IND	COUNT	2
1077	XIG5425	890807	1343	12	BA		1	3915230	7620280	1	MICPURA LEIDYI	NO-OF-IND	COUNT	1
1078	XIG5425	890807	1343	12	BA		1	3915230	7620280	1	HETEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	5
1079	XIG5425	890807	1343	12	PA		1	3915230	7620280	2	HETEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	8
1080	XIG5425	890807	1343	12	BA		1	3915230	7620280	1	GREEN WORM	NO-OF-IND	COUNT	102
1081	XIG5425	890807	1343	12	BA		1	3915230	7620280	2	GREEN WORM	NO-OF-IND	COUNT	71
1082	XIG5425	890807	1343	12	BA		1	3915230	7620280	3	GREEN WORM	NO-OF-IND	COUNT	37
1083	XIG5425	890807	1343	12	BA		1	3915230	7620280	1	PELOSCOLEX SP	NO-OF-IND	COUNT	2
1084	XIG5425	890807	1343	12	BA		1	3915230	7620280	2	PELOSCOLEX SP	NO-OF-IND	COUNT	6
1085	XIG5425	890807	1343	12	PA		1	3915230	7620280	3	PELOSCOLEX SP	NO-OF-IND	COUNT	2
1086	XIG5425	890807	1343	12	BA		1	3915230	7620280	1	BRACKISH WATER CLAM	NO-OF-IND	COUNT	6
1087	XIG5425	890807	1343	12	BA		1	3915230	7620280	2	BRACKISH WATER CLAM	NO-OF-IND	COUNT	3
1088	XIG5425	890807	1343	12	PA		1	3915230	7620280	3	BRACKISH WATER CLAM	NO-OF-IND	COUNT	2
1089	XIG5425	890807	1343	12	BA		1	3915230	7620280	1	LEUCON AMERICANUS	NO-OF-IND	COUNT	12
1090	XIG5425	890807	1343	12	BA		1	3915230	7620280	1	CYATHURA POLITA	NO-OF-IND	COUNT	3
1091	XIG5425	890807	1343	12	BA		1	3915230	7620280	2	CYATHURA POLITA	NO-OF-IND	COUNT	5
1092	XIG5425	890807	1343	12	BA		1	3915230	7620280	3	CYATHURA POLITA	NO-OF-IND	COUNT	1
1093	XIG5425	890807	1343	12	PA		1	3915230	7620280	1	EDOTEA TRILOBA	NO-OF-IND	COUNT	1
1094	XIG5425	890807	1343	12	PA		1	3915230	7620280	1	COROPHIUM LACUSTRE	NO-OF-IND	COUNT	5
1095	XIG5425	890807	1343	12	BA		1	3915230	7620280	2	COROPHIUM LACUSTRE	NO-OF-IND	COUNT	13
1096	XIG5425	890807	1343	12	BA		1	3915230	7620280	3	COROPHIUM LACUSTRE	NO-OF-IND	COUNT	22
1097	XIG5425	890807	1343	12	BA		1	3915230	7620280	1	LEPTOCHEIRUS PLUMULOSUS	NO-OF-IND	COUNT	41
1098	XIG5425	890807	1343	12	PA		1	3915230	7620280	2	LEPTOCHEIRUS PLUMULOSUS	NO-OF-IND	COUNT	65
1099	XIG5425	890807	1343	12	PA		1	3915230	7620280	3	LEPTOCHEIRUS PLUMULOSUS	NO-OF-IND	COUNT	26
1100	XIG5425	890807	1343	12	BA		1	3915230	7620280	1	GAMMARUS TIGRINUS	NO-OF-IND	COUNT	1
1101	XIG5425	890807	1343	12	BA		1	3915230	7620280	1	MONOCULODES EDWARDSI	NO-OF-IND	COUNT	3
1102	XIG5425	890807	1343	12	BA		1	3915230	7620280	1	MUD CRAB	NO-OF-IND	COUNT	1
1103	XIG7689	890807	1447	14	BA		6	3916580	7618510	1	MICPURA LEIDYI	NO-OF-IND	COUNT	1
1104	XIG7689	890807	1447	14	BA		6	3916580	7618510	1	HETEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	4
1105	XIG7689	890807	1447	14	BA		6	3916580	7618510	2	HETEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	3
1106	XIG7689	890807	1447	14	BA		6	3916580	7618510	3	HETEROMASTUS FILIFORMIS	NO-OF-IND	COUNT	3
1107	XIG7689	890807	1447	14	BA		6	3916580	7618510	1	GREEN WORM	NO-OF-IND	COUNT	14
1108	XIG7689	890807	1447	14	BA		6	3916580	7618510	2	GREEN WORM	NO-OF-IND	COUNT	5
1109	XIG7689	890807	1447	14	PA		6	3916580	7618510	3	GREEN WORM	NO-OF-IND	COUNT	4
1110	XIG7689	890807	1447	14	PA		6	3916580	7618510	1	HITCHELLS CLAM	NO-OF-IND	COUNT	1
1111	XIG7689	890807	1447	14	PA		6	3916580	7618510	1	CYATHURA POLITA	NO-OF-IND	COUNT	2
1112	XIG7689	890807	1447	14	PA		6	3916580	7618510	2	CYATHURA POLITA	NO-OF-IND	COUNT	4
1113	XIG7689	890807	1447	14	BA		6	3916580	7618510	3	CYATHURA POLITA	NO-OF-IND	COUNT	6
1114	XIG7689	890807	1447	14	PA		6	3916580	7618510	1	COROPHIUM LACUSTRE	NO-OF-IND	COUNT	2
1115	XIG7689	890807	1447	14	BA		6	3916580	7618510	2	COROPHIUM LACUSTRE	NO-OF-IND	COUNT	1
1116	XIG7689	890807	1447	14	PA		6	3916580	7618510	1	LEPTOCHEIRUS PLUMULOSUS	NO-OF-IND	COUNT	17
1117	XIG7689	890807	1447	14	BA		6	3916580	7618510	2	LEPTOCHEIRUS PLUMULOSUS	NO-OF-IND	COUNT	18
1118	XIG7689	890807	1447	14	BA		6	3916580	7618510	3	LEPTOCHEIRUS PLUMULOSUS	NO-OF-IND	COUNT	20
1119	XIG7689	890807	1447	14	BA		6	3916580	7618510	1	MELITA NITIDA	NO-OF-IND	COUNT	1
1120	XIG7689	890807	1447	14	BA		6	3916580	7618510	1	MONOCULODES EDWARDSI	NO-OF-IND	COUNT	1

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QHS	STATION	DATE	TIME	DEPTH	COUNTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPCODE	SPCODE	PARAM	UNITS	VALUE
1121	XIG7689	890807	1447	14	BA		6	3916580	7618510	1	GAMMAUS DAIBERI	NO-OF-IND	COUNT	1
1122	XIG7689	890807	1447	14	BA		6	3916580	7618510	1	UNIDENTIFIED CHIRONOMID LARVAE	NO-OF-IND	COUNT	3
1123	XIF3638	890808	915	3	BA		1	3913370	7623470	1	CORDYLOPHORA CASPIA	NO-OF-IND	ESTONSTY	2
1124	XIF3638	890808	915	3	BA		1	3913370	7623470	1	WHITE BARNACLE	NO-OF-IND	ESTONSTY	2
1125	XIF3638	890808	915	3	PA		1	3913370	7623470	1	COROPHIUM LACUSTRE	NO-OF-IND	ESTONSTY	1
1126	XIF3638	890808	915	3	BA		1	3913370	7623470	1	VICTORELLA PAVIDA	NO-OF-IND	ESTONSTY	1
1127	XIF3638	890808	915	6	PA		1	3913370	7623470	1	CORDYLOPHORA CASPIA	NO-OF-IND	ESTONSTY	2
1128	XIF3638	890808	915	8	PA		1	3913370	7623470	1	POLYDORA LIGNI	NO-OF-IND	ESTONSTY	2
1129	XIF3638	890808	915	8	BA		1	3913370	7623470	1	WHITE BARNACLE	NO-OF-IND	ESTONSTY	2
1130	XIF3638	890808	915	8	RA		1	3913370	7623470	1	COROPHIUM LACUSTRE	NO-OF-IND	ESTONSTY	1
1131	XIF3638	890808	915	8	BA		1	3913370	7623470	1	VICTORELLA PAVIDA	NO-OF-IND	ESTONSTY	1
1132	XIF4514	890808	835	3	BA		1	3914320	7621230	1	CORDYLOPHORA CASPIA	NO-OF-IND	ESTONSTY	2
1133	XIF4514	890808	835	3	PA		1	3914320	7621230	1	CLAM WORM	NO-OF-IND	ESTONSTY	2
1134	XIF4514	890808	835	3	BA		1	3914320	7621230	1	WHITE BARNACLE	NO-OF-IND	ESTONSTY	3
1135	XIF4514	890808	835	3	BA		1	3914320	7621230	1	COROPHIUM LACUSTRE	NO-OF-IND	ESTONSTY	1
1136	XIF4514	890808	835	8	BA		1	3914320	7621230	1	CORDYLOPHORA CASPIA	NO-OF-IND	ESTONSTY	3
1137	XIF4514	890808	835	8	BA		1	3914320	7621230	1	CLAM WORM	NO-OF-IND	ESTONSTY	3
1138	XIF4514	890808	835	8	BA		1	3914320	7621230	1	POLYDORA LIGNI	NO-OF-IND	ESTONSTY	3
1139	XIF4514	890808	835	8	RA		1	3914320	7621230	1	ISCHADIUM RECURVUM	NO-OF-IND	ESTONSTY	2
1140	XIF4514	890808	835	8	RA		1	3914320	7621230	1	BARNACLE	NO-OF-IND	ESTONSTY	3
1141	XIF4514	890808	835	8	BA		1	3914320	7621230	1	COROPHIUM LACUSTRE	NO-OF-IND	ESTONSTY	1
1142	XIF4518	890808	848	3	BA		1	3914280	7621500	1	CORDYLOPHORA CASPIA	NO-OF-IND	ESTONSTY	2
1143	XIF4518	890808	848	3	BA		1	3914280	7621500	1	CLAM WORM	NO-OF-IND	ESTONSTY	3
1144	XIF4518	890808	848	3	BA		1	3914280	7621500	1	BARNACLE	NO-OF-IND	ESTONSTY	3
1145	XIF4518	890808	848	3	BA		1	3914280	7621500	1	WHITE BARNACLE	NO-OF-IND	ESTONSTY	2
1146	XIF4518	890808	848	3	BA		1	3914280	7621500	1	COROPHIUM LACUSTRE	NO-OF-IND	ESTONSTY	1
1147	XIF4518	890808	848	3	BA		1	3914280	7621500	1	VICTORELLA PAVIDA	NO-OF-IND	ESTONSTY	2
1148	XIF4518	890808	848	8	BA		1	3914280	7621500	1	CORDYLOPHORA CASPIA	NO-OF-IND	ESTONSTY	3
1149	XIF4518	890808	848	8	RA		1	3914280	7621500	1	CLAM WORM	NO-OF-IND	ESTONSTY	3
1150	XIF4518	890808	848	8	BA		1	3914280	7621500	1	ISCHADIUM RECURVUM	NO-OF-IND	ESTONSTY	3
1151	XIF4518	890808	848	8	BA		1	3914280	7621500	1	BARNACLE	NO-OF-IND	ESTONSTY	3
1152	XIF4518	890808	848	8	BA		1	3914280	7621500	1	WHITE BARNACLE	NO-OF-IND	ESTONSTY	2
1153	XIF4518	890808	848	8	PA		1	3914280	7621500	1	COROPHIUM LACUSTRE	NO-OF-IND	ESTONSTY	1
1154	XIF4518	890808	848	8	PA		1	3914280	7621500	1	MUD CRAW	NO-OF-IND	ESTONSTY	3
1155	XIF4518	890808	848	8	BA		1	3914280	7621500	1	VICTORELLA PAVIDA	NO-OF-IND	ESTONSTY	2
1156	XIF4513	890808	759	3	BA		1	3914460	7621160	1	CORDYLOPHORA CASPIA	NO-OF-IND	ESTONSTY	2
1157	XIF4513	890808	759	3	BA		1	3914460	7621160	1	BARNACLE	NO-OF-IND	ESTONSTY	3
1158	XIF4513	890808	759	3	PA		1	3914460	7621160	1	COROPHIUM LACUSTRE	NO-OF-IND	ESTONSTY	1
1159	XIF4513	890808	759	4	BA		1	3914460	7621160	1	CORDYLOPHORA CASPIA	NO-OF-IND	ESTONSTY	2
1160	XIF4513	890808	759	4	BA		1	3914460	7621160	1	BARNACLE	NO-OF-IND	ESTONSTY	2
1161	XIF4513	890808	759	8	BA		1	3914460	7621160	1	WHITE BARNACLE	NO-OF-IND	ESTONSTY	2
1162	XIF4513	890808	759	8	BA		1	3914460	7621160	1	COROPHIUM LACUSTRE	NO-OF-IND	ESTONSTY	1

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RESOURCE MONITORING DATA STORAGE SYSTEM  
OUTPUT  
ORGANIC AND METALS ANALYSES OF BIOTA





STATION	DATE	TIME	DEPTH FT	Basin	MEDIA CLASS	SUB	SAMPLE METHOD	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE	REMARKS	
													VALUE	REM	
							MEDIA	PHYLUM	CLASS	SPECIES	PARAMETER	METHOD	UNITS		
XIF3325	881201	102e	16	2139997	BIOTA	1	POOLED	BA			3913170	7622300			
							BIOTA	CYATHURA	POLITA		ALDRIN	53	UG/KG	100	L
							BIOTA	CYATHURA	POLITA		TALP-BHC	53	UG/KG	100	L
							BIOTA	CYATHURA	POLITA		TATRAZIN	53	UG/KG	100	L
							BIOTA	CYATHURA	POLITA		TRET-BHC	53	UG/KG	100	L
							BIOTA	CYATHURA	POLITA		TLINDANE	53	UG/KG	100	L
							BIOTA	CYATHURA	POLITA		TCHLDANE	53	UG/KG	1000	L
							BIOTA	CYATHURA	POLITA		DDC	53	UG/KG	100	L
							BIOTA	CYATHURA	POLITA		DDE	53	UG/KG	100	L
							BIOTA	CYATHURA	POLITA		TOTALDDT	53	UG/KG	100	L
							BIOTA	CYATHURA	POLITA		TDIAZNON	53	UG/KG	1000	L
							BIOTA	CYATHURA	POLITA		TDIELDRN	53	UG/KG	100	L
							BIOTA	CYATHURA	POLITA		TENDRIN	53	UG/KG	100	L
							BIOTA	CYATHURA	POLITA		TETHLPAR	53	UG/KG	100	L
							BIOTA	CYATHURA	POLITA		THEPTCHL	53	UG/KG	100	L
							BIOTA	CYATHURA	POLITA		TMPTCLEP	53	UG/KG	100	L
							BIOTA	CYATHURA	POLITA		LINURON	53	UG/KG	1000	L
							BIOTA	CYATHURA	POLITA		TMALATRN	53	UG/KG	1000	L
							BIOTA	CYATHURA	POLITA		T METHPAR	53	UG/KG	1000	L
							BIOTA	CYATHURA	POLITA		TTOXAPMEN	53	UG/KG	1000	L
							BIOTA	CYATHURA	POLITA		TRIFLURALINES	53	UG/KG	1000	L
							BIOTA	CYATHURA	POLITA		TPEBS	53	UG/KG	1000	L
XIF3325	881201	102B	16	2139997	BIOTA	1	POOLED	BA			3913170	7622300			
							BIOTA	CYATHURA	POLITA		T34BZ0FL	205	UG/KG	1000	L
							BIOTA	CYATHURA	POLITA		TACENPTH	205	UG/KG	1000	L
							BIOTA	CYATHURA	POLITA		TBENZAHT	205	UG/KG	1000	L
							BIOTA	CYATHURA	POLITA		TRZGHIP	205	UG/KG	2000	L
							BIOTA	CYATHURA	POLITA		TCHRYSEN	205	UG/KG	1000	L
							BIOTA	CYATHURA	POLITA		TFLUORANT	205	UG/KG	1000	L
							BIOTA	CYATHURA	POLITA		INDEN123	205	UG/KG	2000	L
							BIOTA	CYATHURA	POLITA		PHENANTH	205	UG/KG	1000	L
							BIOTA	CYATHURA	POLITA		TACENAPH	205	UG/KG	1000	L
							BIOTA	CYATHURA	POLITA		TANTHRAC	205	UG/KG	1000	L
							BIOTA	CYATHURA	POLITA		TBENZPYR	205	UG/KG	1000	L
							BIOTA	CYATHURA	POLITA		TBENZFLR	205	UG/KG	1000	L
							BIOTA	CYATHURA	POLITA		TDBZAMA	205	UG/KG	2000	L
							BIOTA	CYATHURA	POLITA		TFLUORENE	205	UG/KG	1000	L
							BIOTA	CYATHURA	POLITA		TNAPHTHAL	205	UG/KG	1000	L
							BIOTA	CYATHURA	POLITA		TPYRENE	205	UG/KG	1000	L
XIF3325	881201	102E	16	2139997	BIOTA	1	POOLED	BA			3913170	7622300			
							BIOTA	CYATHURA	POLITA		TBUTBEP	54	UG/KG	1000	L
							BIOTA	CYATHURA	POLITA		TDI0CTYL	54	UG/KG	1000	L
							BIOTA	CYATHURA	POLITA		TDI2ETHP	54	UG/KG	10000	L
							BIOTA	CYATHURA	POLITA		TDI8UPTH	54	UG/KG	1000	L
							BIOTA	CYATHURA	POLITA		TDI2TPTH	54	UG/KG	1000	L
							BIOTA	CYATHURA	POLITA		TDIWEPTH	54	UG/KG	1000	L
XIF3325	881201	1028	16	2139997	BIOTA	1	POOLED	BA			3913170	7622300			
							BIOTA	CYATHURA	POLITA		TCHROMUM	29	MG/KG	4	L
							BIOTA	CYATHURA	POLITA		TIRON	40	MG/KG	129	L
							BIOTA	CYATHURA	POLITA		TMANGAN	45	MG/KG	87	L
							BIOTA	CYATHURA	POLITA		TCOPPER	51	MG/KG	13	L
							BIOTA	CYATHURA	POLITA		TNICKEL	34	MG/KG	4	L
							BIOTA	CYATHURA	POLITA		TZINC	48	MG/KG	53	L

checked  
03/29/27

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STATION	DATE	TIME	DEPTH	HASIN	MEDIA	SUR	SAMPLE	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE			
			FT	CLASS	CLASS	METHOD	MEDIA	PHYLUM	CLASS	SPECIES	PARAMETER	METHOD	UNITS	VALUE	REM	
XIF4327	881201	1108	9	2139997	BIOTA	1	POOLED	HA		1	3914170	7622410				
					BIOTA				BRACKISH	WATER	CLAM	ALDRIN	53	UG/KG	0.1	L
					BIOTA				BRACKISH	WATER	CLAM	TALP-BHC	53	UG/KG	0.1	L
					BIOTA				BRACKISH	WATER	CLAM	TATRAZIN	53	UG/KG	0.1	L
					BIOTA				BRACKISH	WATER	CLAM	TBET-BHC	53	UG/KG	0.1	L
					BIOTA				BRACKISH	WATER	CLAM	TLINDANE	53	UG/KG	0.1	L
					BIOTA				BRACKISH	WATER	CLAM	YCHLORANE	53	UG/KG	1	L
					BIOTA				BRACKISH	WATER	CLAM	DDD	53	UG/KG	0.1	L
					BIOTA				BRACKISH	WATER	CLAM	DDO	53	UG/KG	0.1	L
					BIOTA				BRACKISH	WATER	CLAM	TOTALDDT	53	UG/KG	0.1	L
					BIOTA				BRACKISH	WATER	CLAM	TDIAZNON	53	UG/KG	1	L
					BIOTA				BRACKISH	WATER	CLAM	TDIELDRN	53	UG/KG	0.1	L
					BIOTA				BRACKISH	WATER	CLAM	TENDRIN	53	UG/KG	0.1	L
					BIOTA				BRACKISH	WATER	CLAM	TETHLPAH	53	UG/KG	0.1	L
					BIOTA				BRACKISH	WATER	CLAM	THEPTCHL	53	UG/KG	0.1	L
					BIOTA				BRACKISH	WATER	CLAM	THPTCLEP	53	UG/KG	0.1	L
					BIOTA				BRACKISH	WATER	CLAM	LINURON	53	UG/KG	1	L
					BIOTA				BRACKISH	WATER	CLAM	THALATMN	53	UG/KG	1	L
					BIOTA				BRACKISH	WATER	CLAM	TMETHPAR	53	UG/KG	1	L
					BIOTA				BRACKISH	WATER	CLAM	TTOXAPHEN	53	UG/KG	1	L
					BIOTA				BRACKISH	WATER	CLAM	TRIFLURALINE	53	UG/KG	1	L
					BIOTA				BRACKISH	WATER	CLAM	TPCBS	53	UG/KG	1	L
XIF4327	881201	1108	9	2139997	BIOTA	1	POOLED	BA		1	3914170	7622410				
					BIOTA				BRACKISH	WATER	CLAM	T34R20FL	205	UG/KG	1	L
					BIOTA				BRACKISH	WATER	CLAM	TACFMPHT	205	UG/KG	1	L
					BIOTA				BRACKISH	WATER	CLAM	TRENZANT	205	UG/KG	1	L
					BIOTA				BRACKISH	WATER	CLAM	TBZGHIP	205	UG/KG	2	L
					BIOTA				BRACKISH	WATER	CLAM	TCHRYSEN	205	UG/KG	1	L
					BIOTA				BRACKISH	WATER	CLAM	TFLUORANT	205	UG/KG	1	L
					BIOTA				BRACKISH	WATER	CLAM	INDEN123	205	UG/KG	2	L
					BIOTA				BRACKISH	WATER	CLAM	PHENANTH	205	UG/KG	1	L
					BIOTA				BRACKISH	WATER	CLAM	TACENAPH	205	UG/KG	1	L
					BIOTA				BRACKISH	WATER	CLAM	TANTHRAC	205	UG/KG	1	L
					BIOTA				BRACKISH	WATER	CLAM	TBENZPYR	205	UG/KG	1	L
					BIOTA				BRACKISH	WATER	CLAM	TBENZFLR	205	UG/KG	1	L
					BIOTA				BRACKISH	WATER	CLAM	TDIBZAMA	205	UG/KG	2	L
					BIOTA				BRACKISH	WATER	CLAM	FLUORENE	205	UG/KG	1	L
					BIOTA				BRACKISH	WATER	CLAM	TNAPHTHAL	205	UG/KG	1	L
					BIOTA				BRACKISH	WATER	CLAM	TPYRENE	205	UG/KG	1	L
XIF4327	881201	1108	9	2139997	BIOTA	1	POOLED	BA		1	3914170	7622410				
					BIOTA				BRACKISH	WATER	CLAM	TBUTBEP	54	UG/KG	1	L
					BIOTA				BRACKISH	WATER	CLAM	TDIOCTYL	54	UG/KG	1	L
					BIOTA				BRACKISH	WATER	CLAM	TDI2ETMP	54	UG/KG	10	L
					BIOTA				BRACKISH	WATER	CLAM	TDIRUPHT	54	UG/KG	1	L
					BIOTA				BRACKISH	WATER	CLAM	TDIETPTH	54	UG/KG	1	L
					BIOTA				BRACKISH	WATER	CLAM	TDIMEPTH	54	UG/KG	1	L
XIF4327	881201	1108	9	2139997	BIOTA	1	POOLED	BA		1	3914170	7622410				
					BIOTA				BRACKISH	WATER	CLAM	TCHROMUM	29	MG/KG	2	L
					BIOTA				BRACKISH	WATER	CLAM	TIRON	40	MG/KG	174	L
					BIOTA				BRACKISH	WATER	CLAM	TMANGAN	45	MG/KG	18	L
					BIOTA				BRACKISH	WATER	CLAM	TCOPPER	51	MG/KG	3	L
					BIOTA				BRACKISH	WATER	CLAM	TNICKEL	34	MG/KG	6	L
					BIOTA				BRACKISH	WATER	CLAM	TZINC	40	MG/KG	29	L

Checked  
09/09/07

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STATION	DATE	TIME	DEPTH FT	BASIN	MEDIA CLASS	SUB METHOD	SAMPLE METHOD	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE	PARAMETER	METHOD	UNITS	VALUE	REM		
XIF4327	881201	1108	5	2139997	BIOTA	1	POOLED	BA	1		3914170	7622410								
														BIOTA	MACOMA SP	ALDRIN	53	UG/KG	0.2	L
														BIOTA	MACOMA SP	TALP-BHC	53	UG/KG	0.2	L
														BIOTA	MACOMA SP	TATRAZIN	53	UG/KG	0.2	L
														BIOTA	MACOMA SP	TBET-BHC	53	UG/KG	0.2	L
														BIOTA	MACOMA SP	TLINOANE	53	UG/KG	0.2	L
														BIOTA	MACOMA SP	TCHLOANE	53	UG/KG	2	L
														BIOTA	MACOMA SP	DOD	53	UG/KG	0.2	L
														BIOTA	MACOMA SP	DDE	53	UG/KG	0.2	L
														BIOTA	MACOMA SP	TOTALDDT	53	UG/KG	0.2	L
														BIOTA	MACOMA SP	TDIAZNON	53	UG/KG	2	L
														BIOTA	MACOMA SP	TDIELDRN	53	UG/KG	0.2	L
														BIOTA	MACOMA SP	TENDRIN	53	UG/KG	0.2	L
														BIOTA	MACOMA SP	TETHLPAR	53	UG/KG	0.2	L
														BIOTA	MACOMA SP	THEPTCHL	53	UG/KG	0.2	L
														BIOTA	MACOMA SP	THPTCLEP	53	UG/KG	0.2	L
														BIOTA	MACOMA SP	LINURON	53	UG/KG	2	L
														BIOTA	MACOMA SP	THALATHN	53	UG/KG	2	L
														BIOTA	MACOMA SP	TMETHPAR	53	UG/KG	2	L
														BIOTA	MACOMA SP	TTOXAPHEN	53	UG/KG	2	L
BIOTA	MACOMA SP	TRIFLURALINE	53	UG/KG	2	L														
BIOTA	MACOMA SP	TPCBS	53	UG/KG	100	L														
XIF4327	881201	1108	9	2139997	BIOTA	1	POOLED	BA	1		3914170	7622410								
														BIOTA	MACOMA SP	T34R20FL	205	UG/KG	2	L
														BIOTA	MACOMA SP	TACENPTH	205	UG/KG	2	L
														BIOTA	MACOMA SP	TRENZANT	205	UG/KG	2	L
														BIOTA	MACOMA SP	TRZCHIP	205	UG/KG	4	L
														BIOTA	MACOMA SP	TCHRYSEN	205	UG/KG	2	L
														BIOTA	MACOMA SP	TFLUORANT	205	UG/KG	2	L
														BIOTA	MACOMA SP	INDEN123	205	UG/KG	4	L
														BIOTA	MACOMA SP	PHENANTH	205	UG/KG	2	L
														BIOTA	MACOMA SP	TACENAPH	205	UG/KG	2	L
														BIOTA	MACOMA SP	TANTHRAC	205	UG/KG	2	L
														BIOTA	MACOMA SP	TBENZPYR	205	UG/KG	2	L
														BIOTA	MACOMA SP	TBENZFLR	205	UG/KG	2	L
														BIOTA	MACOMA SP	TDIBZAH	205	UG/KG	4	L
														BIOTA	MACOMA SP	FLUORENE	205	UG/KG	2	L
														BIOTA	MACOMA SP	THAPHTHAL	205	UG/KG	2	L
BIOTA	MACOMA SP	TPYRENE	205	UG/KG	2	L														
XIF4327	881201	1108	9	2139997	BIOTA	1	POOLED	BA	1		3914170	7622410								
														BIOTA	MACOMA SP	TBUTBEP	54	UG/KG	2	L
														BIOTA	MACOMA SP	TDIOCTYL	54	UG/KG	2	L
														BIOTA	MACOMA SP	TDI2ETHP	54	UG/KG	20	L
														BIOTA	MACOMA SP	TDIBUPTH	54	UG/KG	2	L
														BIOTA	MACOMA SP	TDICTPTH	54	UG/KG	2	L
XIF4327	881201	1108	9	2139997	BIOTA	1	POOLED	BA	1		3914170	7622410								
														BIOTA	MACOMA SP	TCHROMUM	29	MG/KG	5	L
														BIOTA	MACOMA SP	TIRON	48	MG/KG	920	L
														BIOTA	MACOMA SP	TKANGAN	45	MG/KG	177	L
														BIOTA	MACOMA SP	TCOPPER	51	MG/KG	10	L
														BIOTA	MACOMA SP	TNICKEL	34	MG/KG	2	L
BIOTA	MACOMA SP	TZINC	48	MG/KG	65	L														

*Checked  
03/09/07*

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STATION	DATE	TIME	DEPTH FT	BASIN	MEDIA CLASS	SUB	SAMPLE METHOD	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE				
													MEDIA	PHYLUM	CLASS	SPECIES	PARAMETER
XIF4715	881201	1104	13	2139997	BIOTA	1	POOLED	BA			3914170	7622410					
					BIOTA								ALDRIN	53	UG/KG	10	L
					BIOTA								TALP-BHC	53	UG/KG	10	L
					BIOTA								YATRAZIN	53	UG/KG	10	L
					BIOTA								TBET-BHC	53	UG/KG	10	L
					BIOTA								TLINDANE	53	UG/KG	10	L
					BIOTA								YCHLDARE	53	UG/KG	100	L
					BIOTA								DDD	53	UG/KG	10	L
					BIOTA								DDE	53	UG/KG	10	L
					BIOTA								TOYACDDT	53	UG/KG	10	L
					BIOTA								TDIAZNON	53	UG/KG	100	L
					BIOTA								TDIELDRN	53	UG/KG	10	L
					BIOTA								TENDRIN	53	UG/KG	10	L
					BIOTA								TETHLPAR	53	UG/KG	10	L
					BIOTA								TMEPTCHL	53	UG/KG	10	L
					BIOTA								TMPTCLEP	53	UG/KG	10	L
					BIOTA								LINURON	53	UG/KG	100	L
					BIOTA								TMALATHN	53	UG/KG	100	L
					BIOTA								TMETHPAR	53	UG/KG	100	L
					BIOTA								TTOXAPHEN	53	UG/KG	100	L
					BIOTA								TRIFLURALINE	53	UG/KG	100	L
					BIOTA								TPCBS	53	UG/KG	100	L
XIF4715	881201	1104	13	2139997	BIOTA	1	POOLED	BA			3914170	7622410					
					BIOTA								T34R20FL	205	UG/KG	100	L
					BIOTA								TACENPTH	205	UG/KG	100	L
					BIOTA								TRENZANT	205	UG/KG	100	L
					BIOTA								TBZGHIP	205	UG/KG	200	L
					BIOTA								TCHRYSEN	205	UG/KG	100	L
					BIOTA								TFLUORANT	205	UG/KG	100	L
					BIOTA								INDEN123	205	UG/KG	200	L
					BIOTA								PHENANTH	205	UG/KG	100	L
					BIOTA								TACENAPH	205	UG/KG	100	L
					BIOTA								TANTHRAC	205	UG/KG	100	L
					BIOTA								TBENZPYR	205	UG/KG	100	L
					BIOTA								TBENZFLR	205	UG/KG	100	L
					BIOTA								TDIBZAH	205	UG/KG	200	L
					BIOTA								FLUORENE	205	UG/KG	100	L
					BIOTA								TNAPHTHAL	205	UG/KG	100	L
					BIOTA								TPYRENE	205	UG/KG	100	L
XIF4715	881201	1108	13	2139997	BIOTA	1	POOLED	BA			3914170	7622410					
					BIOTA								TBUTBEP	54	UG/KG	100	L
					BIOTA								TDIOCTYL	54	UG/KG	100	L
					BIOTA								TDI2ETHP	54	UG/KG	1000	L
					BIOTA								TDIBUPYM	54	UG/KG	100	L
					BIOTA								TDIETPTH	54	UG/KG	100	L
					BIOTA								TDIHEPTH	54	UG/KG	100	L
XIF4327	881201	1108	13	2139997	BIOTA	1	POOLED	BA			3914170	7622410					
					BIOTA								TCHROMUM	29	MG/KG	20	L
					BIOTA								TIRON	40	MG/KG	210	L
					BIOTA								TMANGAN	45	MG/KG	40	L
					BIOTA								TCOPPER	51	MG/KG	30	L
					BIOTA								TNICKEL	34	MG/KG	20	L
					BIOTA								TZINC	48	MG/KG	110	L

Should be Station XIF4327

incorrect

incorrect

incorrect

checked 03/09/07





STATION	DATE	TIME	DEPTH FT	BASIN	MEDIA CLASS	SUR	SAMPLE METHOD	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE										
														MEDIA	PHYLUM	CLASS	SPECIES	PARAMETER	METHOD	UNITS	VALUE	REM	
XIF4715	881201	1208	13	2139997	BIOTA	1	POOLED	HA															
																	3914400	7621280					
														BIOTA	MACOMA	SP		ALDRIN	53	UG/KG	0.5	L	
														BIOTA	MACOMA	SP		TALP-BHC	53	UG/KG	0.5	L	
														BIOTA	MACOMA	SP		TATRAZIN	53	UG/KG	0.5	L	
														BIOTA	MACOMA	SP		TBET-BHC	53	UG/KG	0.5	L	
														BIOTA	MACOMA	SP		TLINDANE	53	UG/KG	0.5	L	
														BIOTA	MACOMA	SP		TCHLDBANE	53	UG/KG	5	L	
														BIOTA	MACOMA	SP		DDO	53	UG/KG	0.5	L	
														BIOTA	MACOMA	SP		DDE	53	UG/KG	0.5	L	
														BIOTA	MACOMA	SP		TOTALDDT	53	UG/KG	0.5	L	
														BIOTA	MACOMA	SP		TDIAZNON	53	UG/KG	5	L	
														BIOTA	MACOMA	SP		TDIELDRN	53	UG/KG	0.5	L	
														BIOTA	MACOMA	SP		TENDRIN	53	UG/KG	0.5	L	
														BIOTA	MACOMA	SP		TETHLPAR	53	UG/KG	0.5	L	
														BIOTA	MACOMA	SP		THEPTCHL	53	UG/KG	0.5	L	
														BIOTA	MACOMA	SP		THPTCLEP	53	UG/KG	0.5	L	
														BIOTA	MACOMA	SP		LINURON	53	UG/KG	5	L	
														BIOTA	MACOMA	SP		TMALATHN	53	UG/KG	5	L	
														BIOTA	MACOMA	SP		TMETHFAR	53	UG/KG	5	L	
														BIOTA	MACOMA	SP		TTOXAPHEN	53	UG/KG	5	L	
														BIOTA	MACOMA	SP		TRIFLURALINE	53	UG/KG	5	L	
														BIOTA	MACOMA	SP		TPCBS	53	UG/KG	5	L	
XIF4715	881201	1208	13	2139997	BIOTA	1	POOLED	BA															
																	3914400	7621280					
														BIOTA	MACOMA	SP		T346Z0FL	205	UG/KG	5	L	
														BIOTA	MACOMA	SP		TACENPTH	205	UG/KG	5	L	
														BIOTA	MACOMA	SP		TRENZANT	205	UG/KG	5	L	
														BIOTA	MACOMA	SP		TBZGHJP	205	UG/KG	10	L	
														BIOTA	MACOMA	SP		TCHRYSEN	205	UG/KG	5	L	
														BIOTA	MACOMA	SP		TFLUORANT	205	UG/KG	5	L	
														BIOTA	MACOMA	SP		INDEN123	205	UG/KG	10	L	
														BIOTA	MACOMA	SP		PHENANTH	205	UG/KG	5	L	
														BIOTA	MACOMA	SP		TACENAPH	205	UG/KG	5	L	
														BIOTA	MACOMA	SP		TANTHPAC	205	UG/KG	5	L	
														BIOTA	MACOMA	SP		TBENZPYR	205	UG/KG	5	L	
														BIOTA	MACOMA	SP		TBENZFLR	205	UG/KG	5	L	
														BIOTA	MACOMA	SP		TDIBZANA	205	UG/KG	10	L	
														BIOTA	MACOMA	SP		FLOURENE	205	UG/KG	5	L	
														BIOTA	MACOMA	SP		TNAPHTHAL	205	UG/KG	5	L	
														BIOTA	MACOMA	SP		TPYRENE	205	UG/KG	5	L	
XIF4715	881201	1208	13	2139997	BIOTA	1	POOLED	BA															
																	3914400	7621280					
														BIOTA	MACOMA	SP		TRUTBEP	54	UG/KG	5	L	
														BIOTA	MACOMA	SP		TDIOCTYL	54	UG/KG	5	L	
														BIOTA	MACOMA	SP		TDI2ETHP	54	UG/KG	50	L	
														BIOTA	MACOMA	SP		TDIBUPTH	54	UG/KG	5	L	
														BIOTA	MACOMA	SP		TDIETPTH	54	UG/KG	5	L	
														BIOTA	MACOMA	SP		TDIHEPTH	54	UG/KG	5	L	
XIF4715	881201	1208	13	2139997	BIOTA	1	POOLED	BA															
																	3914400	7621280					
														BIOTA	MACOMA	SP		TCHROMUM	29	MG/KG	5	L	
														BIOTA	MACOMA	SP		TIRON	40	MG/KG	830	L	
														BIOTA	MACOMA	SP		TMANGAN	45	MG/KG	195	L	
														BIOTA	MACOMA	SP		TCOPPER	51	MG/KG	15	L	
														BIOTA	MACOMA	SP		TNICKEL	34	MG/KG	2	L	
														BIOTA	MACOMA	SP		TZINC	48	MG/KG	50	L	

checked  
03/09/07

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STATION	DATE	TIME	DEPTH FT	BASIN	MEDIA CLASS	SUB	SAMPLE METHOD	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE		
MEDIA PHYLUM CLASS SPECIES PARAMETER METHOD UNITS VALUE REM															
XIF4715	881201	1208	13	2139997	BIOTA	1	POOLED BA	1	3914400	7621280					
							BIOTA			CYATHURA POLITA	ALDRIN	53	UG/KG	10	L
							BIOTA			CYATHURA POLITA	TALP-BMC	53	UG/KG	10	L
							BIOTA			CYATHURA POLITA	TATRAZIN	53	UG/KG	10	L
							BIOTA			CYATHURA POLITA	TBET-BMC	53	UG/KG	10	L
							BIOTA			CYATHURA POLITA	TLINDANE	53	UG/KG	10	L
							BIOTA			CYATHURA POLITA	TCHLDANE	53	UG/KG	100	L
							BIOTA			CYATHURA POLITA	DDD	53	UG/KG	10	L
							BIOTA			CYATHURA POLITA	DDC	53	UG/KG	10	L
							BIOTA			CYATHURA POLITA	TOTALDDT	53	UG/KG	10	L
							BIOTA			CYATHURA POLITA	TDIAZMON	53	UG/KG	100	L
							BIOTA			CYATHURA POLITA	TDIELDRN	53	UG/KG	10	L
							BIOTA			CYATHURA POLITA	TENDRIN	53	UG/KG	10	L
							BIOTA			CYATHURA POLITA	TETHLPAR	53	UG/KG	10	L
							BIOTA			CYATHURA POLITA	THEPTCHL	53	UG/KG	10	L
							BIOTA			CYATHURA POLITA	THPTCLEP	53	UG/KG	10	L
							BIOTA			CYATHURA POLITA	LINURON	53	UG/KG	100	L
							BIOTA			CYATHURA POLITA	TMALATHN	53	UG/KG	100	L
							BIOTA			CYATHURA POLITA	TMETHPAR	53	UG/KG	100	L
							BIOTA			CYATHURA POLITA	TTOXAPHEN	53	UG/KG	100	L
							BIOTA			CYATHURA POLITA	TRIFLURALINE	53	UG/KG	100	L
							BIOTA			CYATHURA POLITA	TPCBS	53	UG/KG	100	L
XIF4715	881201	1208	13	2139997	BIOTA	1	POOLED BA	1	3914400	7621280					
							BIOTA			CYATHURA POLITA	T3ARZOFL	205	UG/KG	100	L
							BIOTA			CYATHURA POLITA	TACENPTH	205	UG/KG	100	L
							BIOTA			CYATHURA POLITA	TBENZANT	205	UG/KG	100	L
							BIOTA			CYATHURA POLITA	TBZGHIP	205	UG/KG	200	L
							BIOTA			CYATHURA POLITA	TCHRYSEN	205	UG/KG	100	L
							BIOTA			CYATHURA POLITA	TFLUORANT	205	UG/KG	100	L
							BIOTA			CYATHURA POLITA	INDEN123	205	UG/KG	200	L
							BIOTA			CYATHURA POLITA	PHENANTH	205	UG/KG	100	L
							BIOTA			CYATHURA POLITA	TACENAPH	205	UG/KG	100	L
							BIOTA			CYATHURA POLITA	TANTHRAC	205	UG/KG	100	L
							BIOTA			CYATHURA POLITA	TBENZPYR	205	UG/KG	100	L
							BIOTA			CYATHURA POLITA	TBENZFLR	205	UG/KG	100	L
							BIOTA			CYATHURA POLITA	TDIBZANA	205	UG/KG	200	L
							BIOTA			CYATHURA POLITA	TFLUORENE	205	UG/KG	100	L
							BIOTA			CYATHURA POLITA	TNAPHTHAL	205	UG/KG	100	L
							BIOTA			CYATHURA POLITA	TPYRENE	205	UG/KG	100	L
XIF4715	881201	1208	13	2139997	BIOTA	1	POOLED BA	1	3914400	7621280					
							BIOTA			CYATHURA POLITA	TBUTBEP	54	UG/KG	100	L
							BIOTA			CYATHURA POLITA	TDIOCTYL	54	UG/KG	100	L
							BIOTA			CYATHURA POLITA	TDI2ETHP	54	UG/KG	1000	L
							BIOTA			CYATHURA POLITA	TDIBUPTH	54	UG/KG	100	L
							BIOTA			CYATHURA POLITA	TDIETPTH	54	UG/KG	100	L
							BIOTA			CYATHURA POLITA	TDINEPTH	54	UG/KG	100	L
XIF4715	881201	1208	13	2139997	BIOTA	1	POOLED BA	1	3914400	7621280					
							BIOTA			CYATHURA POLITA	TCHROMUM	29	MG/KG	20	L
							BIOTA			CYATHURA POLITA	TIRON	40	MG/KG	140	L
							BIOTA			CYATHURA POLITA	TMANGAN	45	MG/KG	70	L
							BIOTA			CYATHURA POLITA	TCOPPER	51	MG/KG	20	L
							BIOTA			CYATHURA POLITA	TNICKEL	34	MG/KG	20	L
							BIOTA			CYATHURA POLITA	TZINC	48	MG/KG	70	L

*Checked  
03/09/07*

*278*

STATION	DATE	TIME	DEPTH FT	BASIN	MEDIA CLASS	SUP METHOD	SAMPLE MEDIA	CTY PHYLUM	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE	PARAMETER	METHOD	UNITS	VALUE	REM
XIF5406	881201	1340	12	2139997	BIOTA	1	POOLED	BA			3915250	7620350						
								BIOTA	BALANUS	SP				ALDRIN	53	UG/KG	0.1	L
								BIOTA	BALANUS	SP				TALP-BHC	53	UG/KG	0.1	L
								BIOTA	BALANUS	SP				TATRAZIN	53	UG/KG	0.1	L
								BIOTA	BALANUS	SP				TBET-BHC	53	UG/KG	0.1	L
								BIOTA	BALANUS	SP				TLINDANE	53	UG/KG	0.1	L
								BIOTA	BALANUS	SP				TCHELDANE	53	UG/KG	1	L
								BIOTA	BALANUS	SP				DDD	53	UG/KG	0.1	L
								BIOTA	BALANUS	SP				DDE	53	UG/KG	0.1	L
								BIOTA	BALANUS	SP				TOTALDDT	53	UG/KG	0.1	L
								BIOTA	BALANUS	SP				TDIAZNON	53	UG/KG	1	L
								BIOTA	BALANUS	SP				TDIELDRN	53	UG/KG	0.1	L
								BIOTA	BALANUS	SP				TENDRIN	53	UG/KG	0.1	L
								BIOTA	BALANUS	SP				TETHLPAR	53	UG/KG	0.1	L
								BIOTA	BALANUS	SP				THEPTCHL	53	UG/KG	0.1	L
								BIOTA	BALANUS	SP				THEPTCLEP	53	UG/KG	0.1	L
								BIOTA	BALANUS	SP				LINURON	53	UG/KG	1	L
								BIOTA	BALANUS	SP				THALATHN	53	UG/KG	1	L
								BIOTA	BALANUS	SP				THETHPAR	53	UG/KG	1	L
								BIOTA	BALANUS	SP				TTOXAPHEN	53	UG/KG	1	L
								BIOTA	BALANUS	SP				TRIFLURALINE	53	UG/KG	1	L
								BIOTA	BALANUS	SP				TPCBS	53	UG/KG	1	L
XIF5406	881201	1340	12	2139997	BIOTA	1	POOLED	BA			3915250	7620350						
								BIOTA	BALANUS	SP				T34P20FL	205	UG/KG	1	L
								BIOTA	BALANUS	SP				TACENPTH	205	UG/KG	1	L
								BIOTA	BALANUS	SP				TBENZANT	205	UG/KG	1	L
								BIOTA	BALANUS	SP				TBZGHIP	205	UG/KG	2	L
								BIOTA	BALANUS	SP				TCHRYSEN	205	UG/KG	1	L
								BIOTA	BALANUS	SP				TFLUORANT	205	UG/KG	1	L
								BIOTA	BALANUS	SP				INDEN123	205	UG/KG	2	L
								BIOTA	BALANUS	SP				PHENANTH	205	UG/KG	1	L
								BIOTA	BALANUS	SP				TACENAPP	205	UG/KG	1	L
								BIOTA	BALANUS	SP				TANTHRAC	205	UG/KG	1	L
								BIOTA	BALANUS	SP				TBENZPYR	205	UG/KG	1	L
								BIOTA	BALANUS	SP				TBENZFLR	205	UG/KG	1	L
								BIOTA	BALANUS	SP				TDIBZAH	205	UG/KG	2	L
								BIOTA	BALANUS	SP				FLUORENE	205	UG/KG	1	L
								BIOTA	BALANUS	SP				THAPHTHAL	205	UG/KG	1	L
								BIOTA	BALANUS	SP				TPYRENE	205	UG/KG	1	L
XIF5406	881201	1340	12	2139997	BIOTA	1	POOLED	BA			3915250	7620350						
								BIOTA	BALANUS	SP				TBUTBEP	54	UG/KG	1	L
								BIOTA	BALANUS	SP				TDIOCTYL	54	UG/KG	1	L
								BIOTA	BALANUS	SP				TDI2ETHP	54	UG/KG	10	L
								BIOTA	BALANUS	SP				TDIBUPTH	54	UG/KG	1	L
								BIOTA	BALANUS	SP				TDIETPTH	54	UG/KG	1	L
								BIOTA	BALANUS	SP				TDIMEPTH	54	UG/KG	1	L
XIF5406	881201	1340	12	2139997	BIOTA	1	POOLED	BA			3915250	7620350						
								BIOTA	BALANUS	SP				TCHROMUM	29	MG/KG	12	L
								BIOTA	BALANUS	SP				TIRON	40	MG/KG	184	L
								BIOTA	BALANUS	SP				THANGAN	45	MG/KG	1410	L
								BIOTA	BALANUS	SP				TCOPPER	51	MG/KG	8	L
								BIOTA	BALANUS	SP				TNICKEL	34	MG/KG	7	L
								BIOTA	BALANUS	SP				TZINC	48	MG/KG	88	L

*Checked  
03/09/07*

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STATION	DATE	TIME	DEPTH FT	BASIN	MEDIA CLASS	SUB	SAMPLE METHOD	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE			
							MEDIA	PHYLUM	CLASS	SPECIES	PARAMETER	METHOD	UNITS	VALUE	REM	
XIF5406	881201	1340	12	2139997	BIOTA	1	POOLED	BA	1		3915250	7620350				
XIF5406	881201	1340	12	2139997	BIOTA	1	POOLED	BA	1		3915250	7620350				
XIF5406	881201	1340	12	2139997	BIOTA	1	POOLED	BA	1		3915250	7620350				
XIF5406	881201	1340	12	2139997	BIOTA	1	POOLED	BA	1		3915250	7620350				

*checked  
09/09/07*

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STATION	DATE	TIME	DEPTH	PASIN	MEDIA	SUP	SAMPLE	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE		
			FT		CLASS		METHOD								
							MEDIA	PHYLUM	CLASS	SPECIES	PARAMETER	METHOD	UNITS	VALUE	REM
XIF5406	881201	1340	12	2139997	BIOTA	1	POOLED	RA			3915250	7620350			
							BIOTA	MUD CRAB			ALDRIN	53	UG/KG	50	L
							BIOTA	MUD CRAB			TALP-BMC	53	UG/KG	50	L
							BIOTA	MUD CRAB			TATRAZIN	53	UG/KG	50	L
							BIOTA	MUD CRAB			THET-PHC	53	UG/KG	50	L
							BIOTA	MUD CRAB			TLINDANE	53	UG/KG	50	L
							BIOTA	MUD CRAB			TCHLDANE	53	UG/KG	500	L
							BIOTA	MUD CRAB			DDD	53	UG/KG	50	L
							BIOTA	MUD CRAB			DDT	53	UG/KG	50	L
							BIOTA	MUD CRAB			TOTALDDT	53	UG/KG	50	L
							BIOTA	MUD CRAB			TDIAZNON	53	UG/KG	500	L
							BIOTA	MUD CRAB			TDIELDRN	53	UG/KG	50	L
							BIOTA	MUD CRAB			TENDRIN	53	UG/KG	50	L
							BIOTA	MUD CRAB			TETHLPAR	53	UG/KG	50	L
							BIOTA	MUD CRAB			THEPTCHL	53	UG/KG	50	L
							BIOTA	MUD CRAB			THPTCLEP	53	UG/KG	50	L
							BIOTA	MUD CRAB			LIHURON	53	UG/KG	500	L
							BIOTA	MUD CRAB			TMALATHN	53	UG/KG	500	L
							BIOTA	MUD CRAB			TMETHPAR	53	UG/KG	500	L
							BIOTA	MUD CRAB			TYOXAPHEN	53	UG/KG	500	L
							BIOTA	MUD CRAB			TRIFLURALINE	53	UG/KG	500	L
							BIOTA	MUD CRAB			TPCBS	53	UG/KG	500	L
XIF5406	881201	1340	12	2139997	BIOTA	1	POOLED	BA			3915250	7620350			
							BIOTA	MUD CRAB			T34620FL	205	UG/KG	500	L
							BIOTA	MUD CRAB			TACENPTH	205	UG/KG	500	L
							BIOTA	MUD CRAB			TBENZANT	205	UG/KG	500	L
							BIOTA	MUD CRAB			TBZGHIF	205	UG/KG	1000	L
							BIOTA	MUD CRAB			TCHRYSEN	205	UG/KG	500	L
							BIOTA	MUD CRAB			TFLUDRANT	205	UG/KG	500	L
							BIOTA	MUD CRAB			INDEN123	205	UG/KG	1000	L
							BIOTA	MUD CRAB			PHENANTH	205	UG/KG	500	L
							BIOTA	MUD CRAB			TACENAPH	205	UG/KG	500	L
							BIOTA	MUD CRAB			TANTHRAC	205	UG/KG	500	L
							BIOTA	MUD CRAB			TBENZPYR	205	UG/KG	500	L
							BIOTA	MUD CRAB			TBENZFLR	205	UG/KG	500	L
							BIOTA	MUD CRAB			TDIBZAMA	205	UG/KG	1000	L
							BIOTA	MUD CRAB			FLUORENE	205	UG/KG	500	L
							BIOTA	MUD CRAB			TNAPHTHAL	205	UG/KG	500	L
							BIOTA	MUD CRAB			TPYRENE	205	UG/KG	500	L
XIF5406	881201	1340	12	2139997	BIOTA	1	POOLED	BA			3915250	7620350			
							BIOTA	MUD CRAB			TBUTREP	54	UG/KG	500	L
							BIOTA	MUD CRAB			TDIOCTYL	54	UG/KG	500	L
							BIOTA	MUD CRAB			TDI2ETHP	54	UG/KG	5000	L
							BIOTA	MUD CRAB			TDIBUPTH	54	UG/KG	500	L
							BIOTA	MUD CRAB			TDIETPTH	54	UG/KG	500	L
							BIOTA	MUD CRAB			TDIHEPTH	54	UG/KG	500	L
XIF5406	881201	1340	12	2139997	BIOTA	1	POOLED	BA			3915250	7620350			
							BIOTA	MUD CRAB			TCHROMUM	29	MG/KG	6	
							BIOTA	MUD CRAB			TIRON	40	MG/KG	300	
							BIOTA	MUD CRAB			TMANGAN	45	MG/KG	696	
							BIOTA	MUD CRAB			TCOPPER	51	MG/KG	29	
							BIOTA	MUD CRAB			TWICKEL	34	MG/KG	8	
							BIOTA	MUD CRAB			TZINC	48	MG/KG	25	

Checked  
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STATION	DATE	TIME	DEPTH	BASIN	MEDIA CLASS	SUB	SAMPLE METHOD	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE					
			FT															
XIF5406	881201	1340	12	2139997	BIOTA	1	POOLED	BA			3915250	7620350						
					BIOTA						BRACKISH WATER CLAM	ALDRIN	53	UG/KG		0.1		L
					BIOTA						BRACKISH WATER CLAM	TALP-BHC	53	UG/KG		0.1		L
					BIOTA						BRACKISH WATER CLAM	YATRAZIN	53	UG/KG		0.1		L
					BIOTA						BRACKISH WATER CLAM	TBET-BHC	53	UG/KG		0.1		L
					BIOTA						BRACKISH WATER CLAM	TLINDANE	53	UG/KG		0.1		L
					BIOTA						BRACKISH WATER CLAM	TCHLDANE	53	UG/KG		1		L
					BIOTA						BRACKISH WATER CLAM	DDD	53	UG/KG		0.1		L
					BIOTA						BRACKISH WATER CLAM	DDE	53	UG/KG		0.1		L
					BIOTA						BRACKISH WATER CLAM	TOTALDDT	53	UG/KG		0.1		L
					BIOTA						BRACKISH WATER CLAM	TDIAZNON	53	UG/KG		1		L
					BIOTA						BRACKISH WATER CLAM	TDIELDRN	53	UG/KG		0.1		L
					BIOTA						BRACKISH WATER CLAM	YENDRIN	53	UG/KG		0.1		L
					BIOTA						BRACKISH WATER CLAM	TETHLPAR	53	UG/KG		0.1		L
					BIOTA						BRACKISH WATER CLAM	THEPTCHL	53	UG/KG		0.1		L
					BIOTA						BRACKISH WATER CLAM	THPTCLEP	53	UG/KG		0.1		L
					BIOTA						BRACKISH WATER CLAM	LINURON	53	UG/KG		1		L
					BIOTA						BRACKISH WATER CLAM	TMALATHN	53	UG/KG		1		L
					BIOTA						BRACKISH WATER CLAM	TMETHPAR	53	UG/KG		1		L
					BIOTA						BRACKISH WATER CLAM	TOXAPHEN	53	UG/KG		1		L
					BIOTA						BRACKISH WATER CLAM	TRIFLURALINES	53	UG/KG		1		L
					BIOTA						BRACKISH WATER CLAM	TPCBS	53	UG/KG		2000		L
XIF5406	881201	1340	12	2139997	BIOTA	1	POOLED	BA			3915250	7620350						
					BIOTA						BRACKISH WATER CLAM	T34R2OFL	205	UG/KG		1		L
					BIOTA						BRACKISH WATER CLAM	TACENPTH	205	UG/KG		1		L
					BIOTA						BRACKISH WATER CLAM	TBENZANT	205	UG/KG		1		L
					BIOTA						BRACKISH WATER CLAM	TBZGHIP	205	UG/KG		2		L
					BIOTA						BRACKISH WATER CLAM	TCHRYSEN	205	UG/KG		1		L
					BIOTA						BRACKISH WATER CLAM	TFLUORANT	205	UG/KG		1		L
					BIOTA						BRACKISH WATER CLAM	INDEN123	205	UG/KG		2		L
					BIOTA						BRACKISH WATER CLAM	PHENANTH	205	UG/KG		1		L
					BIOTA						BRACKISH WATER CLAM	TACENAPH	205	UG/KG		1		L
					BIOTA						BRACKISH WATER CLAM	TANTHRAC	205	UG/KG		1		L
					BIOTA						BRACKISH WATER CLAM	TBENZPYR	205	UG/KG		1		L
					BIOTA						BRACKISH WATER CLAM	TBENZFLR	205	UG/KG		1		L
					BIOTA						BRACKISH WATER CLAM	TDIBZAMA	205	UG/KG		2		L
					BIOTA						BRACKISH WATER CLAM	FLUDRENE	205	UG/KG		1		L
					BIOTA						BRACKISH WATER CLAM	TNAPHTHAL	205	UG/KG		1		L
					BIOTA						BRACKISH WATER CLAM	TPYRENE	205	UG/KG		1		L
XIF5406	881201	1340	12	2139997	BIOTA	1	POOLED	BA			3915250	7620350						
					BIOTA						BRACKISH WATER CLAM	TBUTBEP	54	UG/KG		1		L
					BIOTA						BRACKISH WATER CLAM	TDIOCTYL	54	UG/KG		1		L
					BIOTA						BRACKISH WATER CLAM	TDIZETHP	54	UG/KG		10		L
					BIOTA						BRACKISH WATER CLAM	TDIBUPTH	54	UG/KG		1		L
					BIOTA						BRACKISH WATER CLAM	TDIETPTH	54	UG/KG		1		L
					BIOTA						BRACKISH WATER CLAM	TDIMEPTH	54	UG/KG		1		L
XIF5406	881201	1340	12	2139997	BIOTA	1	POOLED	BA			3915250	7620350						
					BIOTA						BRACKISH WATER CLAM	TCHROMUM	29	MG/KG		2		L
					BIOTA						BRACKISH WATER CLAM	TIRON	40	MG/KG		229		L
					BIOTA						BRACKISH WATER CLAM	TMANGAN	45	MG/KG		28		L
					BIOTA						BRACKISH WATER CLAM	TCOPPER	51	MG/KG		3		L
					BIOTA						BRACKISH WATER CLAM	TRICKEL	34	MG/KG		3		L
					BIOTA						BRACKISH WATER CLAM	TZINC	48	MG/KG		20		L

Checked  
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STATION	DATE	TIME	DEPTH	HASIN	MEDIA	SUB	SAMPLE	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE				
			FT		CLASS		METHOD										
							MEDIA	PHYLUM	CLASS	SPECIES	PARAMETER	METHOD	UNITS	VALUE	REM		
XIF5710	861201	1443	6	2139997	BIOTA	1	POOLED	BA	1	3915390	7620570						
							BIOTA	BRACKISH	WATER	CLAM	ALDRIN	53	UG/KG	0.1	L		
							BIOTA	BRACKISH	WATER	CLAP	TALP-BMC	53	UG/KG	0.1	L		
							BIOTA	BRACKISH	WATER	CLAM	TATRAZIN	53	UG/KG	0.1	L		
							BIOTA	BRACKISH	WATER	CLAM	TBET-BMC	53	UG/KG	0.1	L		
							BIOTA	BRACKISH	WATER	CLAM	TLINDANE	53	UG/KG	0.1	L		
							BIOTA	BRACKISH	WATER	CLAM	TCHLDANE	53	UG/RG	1	L		
							BIOTA	BRACKISH	WATER	CLAM	DDD	53	UG/KG	0.1	L		
							BIOTA	BRACKISH	WATER	CLAM	DDE	53	UG/KG	0.1	L		
							BIOTA	BRACKISH	WATER	CLAM	TOTALDDT	53	UG/KG	0.1	L		
							BIOTA	BRACKISH	WATER	CLAM	TDIAZNON	53	UG/KG	1	L		
							BIOTA	BRACKISH	WATER	CLAM	TDICLDRN	53	UG/KG	0.1	L		
							BIOTA	BRACKISH	WATER	CLAM	TENDRIN	53	UG/KG	0.1	L		
							BIOTA	BRACKISH	WATER	CLAM	TETHLPAR	53	UG/KG	0.1	L		
							BIOTA	BRACKISH	WATER	CLAM	THEPTCNL	53	UG/KG	0.1	L		
							BIOTA	BRACKISH	WATER	CLAM	THPTCLEP	53	UG/KG	0.1	L		
							BIOTA	BRACKISH	WATER	CLAM	LINURON	53	UG/KG	1	L		
							BIOTA	BRACKISH	WATER	CLAM	TMALATHN	53	UG/KG	1	L		
							BIOTA	BRACKISH	WATER	CLAM	TMETHPAR	53	UG/KG	1	L		
							BIOTA	BRACKISH	WATER	CLAM	TTOXAPHEN	53	UG/KG	1	L		
							BIOTA	BRACKISH	WATER	CLAM	TRIFLURALIN	53	UG/KG	1	L		
							BIOTA	BRACKISH	WATER	CLAM	TPCBS	53	UG/KG	200	L		
XIF5710	881201	1443	6	2139997	BIOTA	1	POOLED	BA	1	3915390	7620570						
							BIOTA	BRACKISH	WATER	CLAM	T34PZOFI	205	UG/KG	1	L		
							BIOTA	BRACKISH	WATER	CLAP	TACENPTH	205	UG/KG	1	L		
							BIOTA	BRACKISH	WATER	CLAM	TBENZANT	205	UG/KG	1	L		
							BIOTA	BRACKISH	WATER	CLAM	TBZGHIP	205	UG/KG	2	L		
							BIOTA	BRACKISH	WATER	CLAM	TCHRYSEN	205	UG/KG	1	L		
							BIOTA	BRACKISH	WATER	CLAM	TFLUORANT	205	UG/KG	1	L		
							BIOTA	BRACKISH	WATER	CLAM	INDEN123	205	UG/KG	2	L		
							BIOTA	BRACKISH	WATER	CLAM	PHENANTH	205	UG/KG	1	L		
							BIOTA	BRACKISH	WATER	CLAM	TACENAFH	205	UG/KG	1	L		
							BIOTA	BRACKISH	WATER	CLAM	TANTHRAC	205	UG/KG	1	L		
							BIOTA	BRACKISH	WATER	CLAM	TBERZFYR	205	UG/KG	1	L		
							BIOTA	BRACKISH	WATER	CLAM	TBENZFLR	205	UG/KG	1	L		
							BIOTA	BRACKISH	WATER	CLAM	TDIBZAMA	205	UG/KG	2	L		
							BIOTA	BRACKISH	WATER	CLAM	FLUORENE	205	UG/KG	1	L		
							BIOTA	BRACKISH	WATER	CLAM	TNAPHTHAL	205	UG/KG	1	L		
							BIOTA	BRACKISH	WATER	CLAM	TPYRENE	205	UG/KG	1	L		
XIF5710	881201	1443	6	2139997	BIOTA	1	POOLED	BA	1	3915390	7620570						
							BIOTA	BRACKISH	WATER	CLAM	TBUTBEP	54	UG/KG	1	L		
							BIOTA	BRACKISH	WATER	CLAM	TDIOCTYL	54	UG/KG	1	L		
							BIOTA	BRACKISH	WATER	CLAM	TDI2ETWP	54	UG/KG	10	L		
							BIOTA	BRACKISH	WATER	CLAM	TDIBUPTH	54	UG/KG	1	L		
							BIOTA	BRACKISH	WATER	CLAM	TDIETPTH	54	UG/KG	1	L		
							BIOTA	BRACKISH	WATER	CLAM	TDINEPTN	54	UG/KG	1	L		
XIF5710	881201	1443	6	2139997	BIOTA	1	POOLED	BA	1	3915390	7620570						
							BIOTA	BRACKISH	WATER	CLAM	TCHROMUM	29	MG/KG	3	L		
							BIOTA	BRACKISH	WATER	CLAM	TIROM	40	MG/KG	210	L		
							BIOTA	BRACKISH	WATER	CLAM	TMANGAN	45	MG/KG	19	L		
							BIOTA	BRACKISH	WATER	CLAM	TCOPPER	51	MG/KG	3	L		
							BIOTA	BRACKISH	WATER	CLAM	TNICKEL	34	MG/KG	2	L		
							BIOTA	BRACKISH	WATER	CLAM	TZINC	48	MG/KG	18	L		

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STATION	DATE	TIME	DEPTH FT	BASIN	MEDIA CLASS	SUB	SAMPLE METHOD	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE	MEDIA	PHYLUM	CLASS	SPECIES	PARAMETER	METHOD	UNITS	VALUE	REM										
XIF5710	881201	1443	6	2139997	HIOTA	1	POOLED	BA	1	3915390	7620570																					
																							BIOTA	BRACKISH	WATER	CLAM	ALDRIN	53	UG/KG	0.1	L	
																							BIOTA	BRACKISH	WATER	CLAM	TALP-BHC	53	UG/KG	0.1	L	
																							BIOTA	BRACKISH	WATER	CLAM	TATRAZIN	53	UG/KG	0.1	L	
																							BIOTA	BRACKISH	WATER	CLAM	TRET-BHC	53	UG/KG	0.1	L	
																							BIOTA	BRACKISH	WATER	CLAM	TLINDANE	53	UG/KG	0.1	L	
																							BIOTA	BRACKISH	WATER	CLAM	TCHLDANE	53	UG/KG	1	L	
																							BIOTA	BRACKISH	WATER	CLAM	DDD	53	UG/KG	0.1	L	
																							BIOTA	BRACKISH	WATER	CLAM	DDE	53	UG/KG	0.1	L	
																							BIOTA	BRACKISH	WATER	CLAM	TOTALDDT	53	UG/KG	0.1	L	
																							BIOTA	BRACKISH	WATER	CLAM	TDIAZNON	53	UG/KG	1	L	
																							BIOTA	BRACKISH	WATER	CLAM	TDIELORN	53	UG/KG	0.1	L	
																							BIOTA	BRACKISH	WATER	CLAM	TENDRIN	53	UG/KG	0.1	L	
																							BIOTA	BRACKISH	WATER	CLAM	TETHLPAR	53	UG/KG	0.1	L	
																							BIOTA	BRACKISH	WATER	CLAM	THEPTCHL	53	UG/KG	0.1	L	
																							BIOTA	BRACKISH	WATER	CLAM	THPTCLEP	53	UG/KG	0.1	L	
																							BIOTA	BRACKISH	WATER	CLAM	LINURON	53	UG/KG	1	L	
BIOTA	BRACKISH	WATER	CLAM	TMALATHN	53	UG/KG	1	L																								
BIOTA	BRACKISH	WATER	CLAM	TMETHPAR	53	UG/KG	1	L																								
BIOTA	BRACKISH	WATER	CLAM	TTOXAPHEN	53	UG/KG	1	L																								
BIOTA	BRACKISH	WATER	CLAM	TRIFLURALINE	53	UG/KG	1	L																								
BIOTA	BRACKISH	WATER	CLAM	TPCBS	53	UG/KG	1000	L																								
XIF5710	881201	1443	6	2139997	HIOTA	1	POOLED	BA	1	3915390	7620570																					
																							BIOTA	BRACKISH	WATER	CLAM	T34PZ0FL	205	UG/KG	1	L	
																							BIOTA	BRACKISH	WATER	CLAM	TACENPTH	205	UG/KG	1	L	
																							BIOTA	BRACKISH	WATER	CLAM	TRENZANT	205	UG/KG	1	L	
																							BIOTA	BRACKISH	WATER	CLAM	TRZGHP	205	UG/KG	2	L	
																							BIOTA	BRACKISH	WATER	CLAM	TCHRYSEN	205	UG/KG	1	L	
																							BIOTA	BRACKISH	WATER	CLAM	TFLUORANT	205	UG/KG	1	L	
																							BIOTA	BRACKISH	WATER	CLAM	INDEN123	205	UG/KG	2	L	
																							BIOTA	BRACKISH	WATER	CLAM	PHENANTH	205	UG/KG	1	L	
																							BIOTA	BRACKISH	WATER	CLAM	TACENAPH	205	UG/KG	1	L	
																							BIOTA	BRACKISH	WATER	CLAM	TANTHRAC	205	UG/KG	1	L	
																							BIOTA	BRACKISH	WATER	CLAM	TBENZPYR	205	UG/KG	1	L	
																							BIOTA	BRACKISH	WATER	CLAM	TRENZFLR	205	UG/KG	1	L	
																							BIOTA	BRACKISH	WATER	CLAM	TDIMZAMA	205	US/KG	2	L	
																							BIOTA	BRACKISH	WATER	CLAM	FLUOPENE	205	UG/KG	1	L	
																							BIOTA	BRACKISH	WATER	CLAM	TNAPHTHAL	205	UG/KG	1	L	
																							BIOTA	BRACKISH	WATER	CLAM	TFYSENE	205	UG/KG	1	L	
XIF5710	881201	1443	6	2139997	HIOTA	1	POOLED	BA	1	3915390	7620570																					
																								BIOTA	BRACKISH	WATER	CLAM	TBUTBEF	54	UG/KG	1	L
																								BIOTA	BRACKISH	WATER	CLAM	TDIOCTYL	54	UG/KG	1	L
																								BIOTA	BRACKISH	WATER	CLAM	TDIBZTHP	54	UG/KG	490	L
																								BIOTA	BRACKISH	WATER	CLAM	TDIPUPTH	54	UG/KG	1	L
																								BIOTA	BRACKISH	WATER	CLAM	TDIEPTM	54	UG/KG	1	L
BIOTA	BRACKISH	WATER	CLAM	TDIMEPTH	54	UG/KG	1	L																								
XIF5710	881201	1443	6	2139997	HIOTA	1	POOLED	BA	1	3915390	7620570																					
																								BIOTA	BRACKISH	WATER	CLAM	TCHROMUM	29	MG/KG	3	L
																								BIOTA	BRACKISH	WATER	CLAM	TIRON	40	MG/KG	224	L
																								BIOTA	BRACKISH	WATER	CLAM	TMANGAN	45	MG/KG	19	L
																								BIOTA	BRACKISH	WATER	CLAM	TCOPPER	51	MG/KG	3	L
																								BIOTA	BRACKISH	WATER	CLAM	TNICKEL	34	MG/KG	7	L
BIOTA	BRACKISH	WATER	CLAM	TZINC	48	MG/KG	23	L																								

*Checked  
09/09/07  
Sample 2*



STATION	DATE	TIME	DEPTH	Basin	MEDIA	SUB	SAMPLE	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE			
			FT		CLASS		METHOD									
							MEDIA	PHYLUM	CLASS	SPECIES	PARAMETER	METHOD	UNITS	VALUE	REM	
XIF5710	881201	1443	6	2139997	BIOTA	1	POOLED	BA			1	391539G	7620570			
							BIOTA		UNIDENT	POLYCHAETE	ALDRIN	53	UG/KG	100	L	
							BIOTA		UNIDENT	POLYCHAETE	TALF-BHC	53	UG/KG	100	L	
							BIOTA		UNIDENT	POLYCHAETE	TATRAZIN	53	UG/KG	100	L	
							BIOTA		UNIDENT	POLYCHAETE	TRET-BHC	53	UG/KG	100	L	
							BIOTA		UNIDENT	POLYCHAETE	TLINDANE	53	UG/KG	100	L	
							BIOTA		UNIDENT	POLYCHAETE	TCHLDANE	53	UG/KG	1000	L	
							BIOTA		UNIDENT	POLYCHAETE	DDD	53	UG/KG	100	L	
							BIOTA		UNIDENT	POLYCHAETE	DCE	53	UG/KG	100	L	
							BIOTA		UNIDENT	POLYCHAETE	TOTALDDT	53	UG/KG	100	L	
							BIOTA		UNIDENT	POLYCHAETE	TDIAZNON	53	UG/KG	1000	L	
							BIOTA		UNIDENT	POLYCHAETE	TDIELDRN	53	UG/KG	100	L	
							BIOTA		UNIDENT	POLYCHAETE	TENDRIN	53	UG/KG	100	L	
							BIOTA		UNIDENT	POLYCHAETE	TETMLPAR	53	UG/KG	100	L	
							BIOTA		UNIDENT	POLYCHAETE	TMEPTCHL	53	UG/KG	100	L	
							BIOTA		UNIDENT	POLYCHAETE	THPTCLEP	53	UG/KG	100	L	
							BIOTA		UNIDENT	POLYCHAETE	LINURON	53	UG/KG	1000	L	
							BIOTA		UNIDENT	POLYCHAETE	TMALATHN	53	UG/KG	1000	L	
							BIOTA		UNIDENT	POLYCHAETE	TMETMPAR	53	UG/KG	1000	L	
							BIOTA		UNIDENT	POLYCHAETE	TTXAPHEN	53	UG/KG	1000	L	
							BIOTA		UNIDENT	POLYCHAETE	TPIFLURALINC	53	UG/KG	1000	L	
							BIOTA		UNIDENT	POLYCHAETE	TPCBS	53	UG/KG	1000	L	
XIF5710	881201	1443	6	2139997	BIOTA	1	POOLED	BA			1	391539G	7620570			
							BIOTA		UNIDENT	POLYCHAETE	T34R20FL	205	UG/KG	1000	L	
							BIOTA		UNIDENT	POLYCHAETE	TACENPTH	205	UG/KG	1000	L	
							BIOTA		UNIDENT	POLYCHAETE	TPENZANT	205	UG/KG	1000	L	
							BIOTA		UNIDENT	POLYCHAETE	THZGHP	205	UG/KG	2000	L	
							BIOTA		UNIDENT	POLYCHAETE	TCHRYSEN	205	UG/KG	1000	L	
							BIOTA		UNIDENT	POLYCHAETE	TFLUORANT	205	UG/KG	1000	L	
							BIOTA		UNIDENT	POLYCHAETE	INDEN123	205	UG/KG	2000	L	
							BIOTA		UNIDENT	POLYCHAETE	PHENANTH	205	UG/KG	1000	L	
							BIOTA		UNIDENT	POLYCHAETE	TACENAPH	205	UG/KG	1000	L	
							BIOTA		UNIDENT	POLYCHAETE	TANTHRAC	205	UG/KG	1000	L	
							BIOTA		UNIDENT	POLYCHAETE	TBENZPYR	205	UG/KG	1000	L	
							BIOTA		UNIDENT	POLYCHAETE	TRENZFLR	205	UG/KG	1000	L	
							BIOTA		UNIDENT	POLYCHAETE	TDIBZAH	205	UG/KG	2000	L	
							BIOTA		UNIDENT	POLYCHAETE	FLUCRENE	205	UG/KG	1000	L	
							BIOTA		UNIDENT	POLYCHAETE	THAPHTHAL	205	UG/KG	1000	L	
							BIOTA		UNIDENT	POLYCHAETE	TPYRENE	205	UG/KG	1000	L	
XIF5710	881201	1443	6	2139997	BIOTA	1	POOLED	BA			1	391539G	7620570			
							BIOTA		UNIDENT	POLYCHAETE	TBUTBEP	54	UG/KG	1000	L	
							BIOTA		UNIDENT	POLYCHAETE	TDIOCTYL	54	UG/KG	1000	L	
							BIOTA		UNIDENT	POLYCHAETE	TDI2ETHP	54	UG/KG	10000	L	
							BIOTA		UNIDENT	POLYCHAETE	TDIHUPTH	54	UG/KG	1000	L	
							BIOTA		UNIDENT	POLYCHAETE	TDIETPTH	54	UG/KG	1000	L	
							BIOTA		UNIDENT	POLYCHAETE	TDIHEPTH	54	UG/KG	1000	L	
XIF5710	881201	1443	6	2139997	BIOTA	1	POOLED	BA			1	391539G	7620570			
							BIOTA		UNIDENT	POLYCHAETE	TCHROMUM	29	MG/KG	12		
							BIOTA		UNIDENT	POLYCHAETE	TIRON	40	MG/KG	1030		
							BIOTA		UNIDENT	POLYCHAETE	TMANGAN	45	MG/KG	60		
							BIOTA		UNIDENT	POLYCHAETE	TCOPPER	51	MG/KG	8		
							BIOTA		UNIDENT	POLYCHAETE	THICKEL	39	MG/KG	8		
							BIOTA		UNIDENT	POLYCHAETE	TZINC	48	MG/KG	28		

Checked  
03/09/07

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STATION	DATE	TIME	DEPTH	BASIN	MEDIA CLASS	SUB METHOD	SAMPLE MEDIA	CY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE	PARAMETER	METHOD	UNITS	VALUE	REM														
XIF5710	881201	1443	6	2139997	BIOTA	1	POOLED	BA	1	3915390	7620570			ALDRIN	53	UG/KG	100	L														
														TALF-BHC	53	UG/KG	100	L														
														TATRAZIN	53	UG/KG	100	L														
														TBET-BHC	53	UG/KG	100	L														
														TLINDANE	53	UG/KG	100	L														
														TCHLDANE	53	UG/KG	1000	L														
														DDD	53	UG/KG	100	L														
														DDE	53	UG/KG	100	L														
														TOTALDDT	53	UG/KG	100	L														
														TDIAZNON	53	UG/KG	1000	L														
														TDIELDRN	53	UG/KG	100	L														
														TENDRIN	53	UG/KG	100	L														
														TETHLPA	53	UG/KG	100	L														
														THEFTCHL	53	UG/KG	100	L														
														THPTCLEP	53	UG/KG	100	L														
														LINURON	53	UG/KG	1000	L														
														TMALATHN	53	UG/KG	1000	L														
														TMETHPA	53	UG/KG	1000	L														
														TTOXAPHEN	53	UG/KG	1000	L														
														TRIFLURALINE	53	UG/KG	1000	L														
TPCBS	53	UG/KG	1000	L																												
XIF5710	881201	1443	6	2139997	BIOTA	1	POOLED	BA	1	3915390	7620570			T34BZOF	205	UG/KG	1000	L														
														TACENPTH	205	UG/KG	1000	L														
														TBENZANT	205	UG/KG	1000	L														
														TBZGHP	205	UG/KG	2000	L														
														TCHRYSEII	205	UG/KG	1000	L														
														TFLUORANT	205	UG/KG	1000	L														
														TINDEN123	205	UG/KG	2000	L														
														TPHENANTH	205	UG/KG	1000	L														
														TACENAPH	205	UG/KG	1000	L														
														TANTHRAC	205	UG/KG	1000	L														
														TBENZPYR	205	UG/KG	1000	L														
														TBENZFLR	205	UG/KG	1000	L														
														TDIRZANA	205	UG/KG	2000	L														
														TFLUSRENE	205	UG/KG	1000	L														
														TNAPHTHAL	205	UG/KG	1000	L														
														TPYRENE	205	UG/KG	1000	L														
														XIF5710	881201	1443	6	2139997	BIOTA	1	POOLED	BA	1	3915390	7620570			TBUTBEP	54	UG/KG	1000	L
																												TDIOCTYL	54	UG/KG	1000	L
																												TDI2ETHP	54	UG/KG	10000	L
																												TDIBUPTH	54	UG/KG	1000	L
TDIETPTH	54	UG/KG	1000	L																												
TDIMEPTH	54	UG/KG	1000	L																												
XIF5710	881201	1443	6	2139997	BIOTA	1	POOLED	BA	1	3915390	7620570																	TCHROMUM	29	MG/KG	30	
																												TIRON	40	MG/KG	300	
														TMANGAN	45	MG/KG	210															
														TCOPPER	51	MG/KG	20															
														TNICKEL	34	MG/KG	20	L														
														TZINC	48	MG/KG	80															

Checked  
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STATION	DATE	TIME	DEPTH	BASIN	MEDIA	SUB	SAMPLE	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE		
			FT		CLASS		METHOD								
							MEDIA	PHYLUM	CLASS	SPECIES	PARAMETER	METHOD	UNITS	VALUE	REM
X1G7689	881201	1530	15	2139997	RIOTA	1	POOLED	BA	1	3916580	7618510				
							RIOTA	BRACKISH	WATER	CLAM	ALDRIN	53	UG/KG	0.1	L
							RIOTA	BRACKISH	WATER	CLAM	TALP-BMC	53	UG/KG	0.1	L
							RIOTA	BRACKISH	WATER	CLAM	TATRAZIN	53	UG/KG	0.1	L
							RIOTA	BRACKISH	WATER	CLAM	TBET-BMC	53	UG/KG	0.1	L
							RIOTA	BRACKISH	WATER	CLAM	TLINDANE	53	UG/KG	0.1	L
							RIOTA	BRACKISH	WATER	CLAM	TCHLOANE	53	UG/KG	1	L
							RIOTA	BRACKISH	WATER	CLAM	DDD	53	UG/KG	0.1	L
							RIOTA	BRACKISH	WATER	CLAM	DDE	53	UG/KG	0.1	L
							RIOTA	BRACKISH	WATER	CLAM	TOTALDDT	53	UG/KG	0.1	L
							RIOTA	BRACKISH	WATER	CLAM	TDIAZNON	53	UG/KG	1	L
							RIOTA	BRACKISH	WATER	CLAM	TDIELDRN	53	UG/KG	0.1	L
							RIOTA	BRACKISH	WATER	CLAM	TENDRIN	53	UG/KG	0.1	L
							RIOTA	BRACKISH	WATER	CLAM	TETHLPAR	53	UG/KG	0.1	L
							RIOTA	BRACKISH	WATER	CLAM	THEPTCHL	53	UG/KG	0.1	L
							RIOTA	BRACKISH	WATER	CLAM	THPTCEP	53	UG/KG	0.1	L
							RIOTA	BRACKISH	WATER	CLAM	LINURON	53	UG/KG	1	L
							RIOTA	BRACKISH	WATER	CLAM	TMALATHN	53	UG/KG	1	L
							RIOTA	BRACKISH	WATER	CLAM	TMETHPAR	53	UG/KG	1	L
							RIOTA	BRACKISH	WATER	CLAM	TTOXAPHEN	53	UG/KG	1	L
							RIOTA	BRACKISH	WATER	CLAM	TRIFLURALINE	53	UG/KG	1	L
							RIOTA	BRACKISH	WATER	CLAM	TPCBS	53	UG/KG	1000	L
X1G7689	881201	1530	15	2139997	RIOTA	1	POOLED	BA	1	3916580	7618510				
							RIOTA	BRACKISH	WATER	CLAM	T34BZOFI	205	UG/KG	1	L
							RIOTA	BRACKISH	WATER	CLAM	TACENPTH	205	UG/KG	1	L
							RIOTA	BRACKISH	WATER	CLAM	TBENZANT	205	UG/KG	1	L
							RIOTA	BRACKISH	WATER	CLAM	TBZGHP	205	UG/KG	2	L
							RIOTA	BRACKISH	WATER	CLAM	TCHRYSEN	205	UG/KG	1	L
							RIOTA	BRACKISH	WATER	CLAM	TFLUORANT	205	UG/KG	1	L
							RIOTA	BRACKISH	WATER	CLAM	INDEN123	205	UG/KG	2	L
							RIOTA	BRACKISH	WATER	CLAM	PHENANTH	205	UG/KG	1	L
							RIOTA	BRACKISH	WATER	CLAM	TACENAPH	205	UG/KG	1	L
							RIOTA	BRACKISH	WATER	CLAM	TANTHRAC	205	UG/KG	1	L
							RIOTA	BRACKISH	WATER	CLAM	TBENZPYR	205	UG/KG	1	L
							RIOTA	BRACKISH	WATER	CLAM	TBENZFLR	205	UG/KG	1	L
							RIOTA	BRACKISH	WATER	CLAM	TDIBZAMA	205	UG/KG	2	L
							RIOTA	BRACKISH	WATER	CLAM	TLOURENE	205	UG/KG	1	L
							RIOTA	BRACKISH	WATER	CLAM	TNAPHTHAL	205	UG/KG	1	L
							RIOTA	BRACKISH	WATER	CLAM	TPYRENE	205	UG/KG	1	L
X1G7689	881201	1530	15	2139997	RIOTA	1	POOLED	BA	1	3916580	7618510				
							RIOTA	BRACKISH	WATER	CLAM	TBUTBEP	54	UG/KG	1	L
							RIOTA	BRACKISH	WATER	CLAM	TDIOCTYL	54	UG/KG	1	L
							RIOTA	BRACKISH	WATER	CLAM	TDI2ETHP	54	UG/KG	10	L
							RIOTA	BRACKISH	WATER	CLAM	TDIBUPTH	54	UG/KG	1	L
							RIOTA	BRACKISH	WATER	CLAM	TDIETPTH	54	UG/KG	1	L
							RIOTA	BRACKISH	WATER	CLAM	TDIOMEPTH	54	UG/KG	1	L
X1G7689	881201	1530	15	2139997	RIOTA	1	POOLED	BA	1	3916580	7618510				
							RIOTA	BRACKISH	WATER	CLAM	TCHROMUM	29	MG/KG	2	L
							RIOTA	BRACKISH	WATER	CLAM	TIRON	40	MG/KG	99	L
							RIOTA	BRACKISH	WATER	CLAM	TMANGAN	45	MG/KG	20	L
							RIOTA	BRACKISH	WATER	CLAM	TCOPPER	51	MG/KG	2	L
							RIOTA	BRACKISH	WATER	CLAM	TNICKEL	34	MG/KG	6	L
							RIOTA	BRACKISH	WATER	CLAM	TZINC	48	MG/KG	18	L

checked  
03/10/17

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STATION	DATE	TIME	DEPTH	BASIN	MEDIA	SUB	SAMPLE	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE		
			FT		CLASS		METHOD								
							MEDIA	PHYLUM	CLASS	SPECIES	PARAMETER	METHOD	UNITS	VALUE	REM
XIF5727	881201	1615	8	2139997	BIOTA	1	POOLED BA				3915440	7622440			
					BIOTA			WHITE	PERCH		ALDRIN	53	UG/KG	0.1	L
					BIOTA			WHITE	PERCH		TALP-BMC	53	UG/KG	0.1	L
					BIOTA			WHITE	PERCH		YATRAZIN	53	UG/KG	0.1	L
					BIOTA			WHITE	PERCH		TBET-BMC	53	UG/KG	0.1	L
					BIOTA			WHITE	PERCH		TLINDANE	53	UG/KG	0.1	L
					BIOTA			WHITE	PERCH		TCHLDANE	53	UG/KG	1	L
					BIOTA			WHITE	PERCH		DDD	53	UG/KG	0.1	L
					BIOTA			WHITE	PERCH		DDE	53	UG/KG	0.1	L
					BIOTA			WHITE	PERCH		TOTALDDT	53	UG/KG	0.1	L
					BIOTA			WHITE	PERCH		DDAZNON	53	UG/KG	1	L
					BIOTA			WHITE	PERCH		DDIELDRN	53	UG/KG	0.1	L
					BIOTA			WHITE	PERCH		TENDRIN	53	UG/KG	0.1	L
					BIOTA			WHITE	PERCH		TETHLPAR	53	UG/KG	0.1	L
					BIOTA			WHITE	PERCH		THEPTCHL	53	UG/KG	0.1	L
					BIOTA			WHITE	PERCH		THPTCLEP	53	UG/KG	0.1	L
					BIOTA			WHITE	PERCH		LINURON	53	UG/KG	1	L
					BIOTA			WHITE	PERCH		TMALATHN	53	UG/KG	1	L
					BIOTA			WHITE	PERCH		TMETHPAR	53	UG/KG	1	L
					BIOTA			WHITE	PERCH		TRIOXAPHEN	53	UG/KG	1	L
					BIOTA			WHITE	PERCH		TRIFLURALIN	53	UG/KG	1	L
					BIOTA			WHITE	PERCH		TPCBS	53	UG/KG	1300	L
XIF5727	881201	1615	8	2139997	BIOTA	1	POOLED BA				3915440	7622440			
					BIOTA			WHITE	PERCH		T34B2OFL	205	UG/KG	1	L
					BIOTA			WHITE	PERCH		TACENPTH	205	UG/KG	1	L
					BIOTA			WHITE	PERCH		TRENZANT	205	UG/KG	1	L
					BIOTA			WHITE	PERCH		TBZGHP	205	UG/KG	2	L
					BIOTA			WHITE	PERCH		TCHRYSER	205	UG/KG	1	L
					BIOTA			WHITE	PERCH		TFLUORANT	205	UG/KG	1	L
					BIOTA			WHITE	PERCH		INDEN123	205	UG/KG	2	L
					BIOTA			WHITE	PERCH		PHENANTH	205	UG/KG	1	L
					BIOTA			WHITE	PERCH		TACENAPH	205	UG/KG	1	L
					BIOTA			WHITE	PERCH		TANTHRAC	205	UG/KG	1	L
					BIOTA			WHITE	PERCH		TBENZPYR	205	UG/KG	1	L
					BIOTA			WHITE	PERCH		TBENZFLR	205	UG/KG	1	L
					BIOTA			WHITE	PERCH		TDIBZANA	205	UG/KG	2	L
					BIOTA			WHITE	PERCH		FLDURENE	205	UG/KG	1	L
					BIOTA			WHITE	PERCH		TNAPHTHAL	205	UG/KG	1	L
					BIOTA			WHITE	PERCH		TPYRENE	205	UG/KG	1	L
XIF5727	881201	1615	8	2139997	BIOTA	1	POOLED BA				3915440	7622440			
					BIOTA			WHITE	PERCH		TBUTBEP	54	UG/KG	1	L
					BIOTA			WHITE	PERCH		TDIOCTYL	54	UG/KG	1	L
					BIOTA			WHITE	PERCH		TDI2THP	54	UG/KG	10	L
					BIOTA			WHITE	PERCH		TDIBUPTH	54	UG/KG	1	L
					BIOTA			WHITE	PERCH		TDIETPTH	54	UG/KG	1	L
					BIOTA			WHITE	PERCH		TDINEPTH	54	UG/KG	1	L
XIF5727	881201	1615	8	2139997	BIOTA	1	POOLED BA				3915440	7622440			
					BIOTA			WHITE	PERCH		TCHROMUM	29	MG/KG	2	L
					BIOTA			WHITE	PERCH		TIRON	40	MG/KG	32	L
					BIOTA			WHITE	PERCH		TMANGAN	45	MG/KG	2	L
					BIOTA			WHITE	PERCH		TCOPPER	51	MG/KG	2	L
					BIOTA			WHITE	PERCH		TNICKEL	34	MG/KG	5	L
					BIOTA			WHITE	PERCH		TZINC	48	MG/KG	10	L

Checked  
03/09/07

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STATION	DATE	TIME	DEPTH	BASIN	MEDIA	SUR	SAMPLE	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE		
			FT		CLASS		METHOD								
							MEDIA	PHYLUM	CLASS	SPECIES	PARAMETER	METHOD	UNITS	VALUE	REM
XIF5727	881201	1615	8	2139997	BIOTA	1	POOLED	BA	1	3915440	7622440				
							BIOTA	WHITE PERCH			ALDRIN	53	UG/KG	0.1	L
							BIOTA	WHITE PERCH			TALP-BHC	53	UG/KG	0.1	L
							BIOTA	WHITE PERCH			TATRAZIN	53	UG/KG	0.1	L
							BIOTA	WHITE PERCH			TRCT-BHC	53	UG/KG	0.1	L
							BIOTA	WHITE PERCH			TLINDANE	53	UG/KG	0.1	L
							BIOTA	WHITE PERCH			TCHLOANE	53	UG/KG	300	
							BIOTA	WHITE PERCH			DDO	53	UG/KG	0.1	L
							BIOTA	WHITE PERCH			DDF	53	UG/KG	0.1	L
							BIOTA	WHITE PERCH			TOTALDDT	53	UG/KG	0.1	L
							BIOTA	WHITE PERCH			TOIAZNON	53	UG/KG	1	L
							BIOTA	WHITE PERCH			TDIELDRN	53	UG/KG	0.1	L
							BIOTA	WHITE PERCH			YENDRIN	53	UG/KG	0.1	L
							BIOTA	WHITE PERCH			TETHLPAR	53	UG/KG	0.1	L
							BIOTA	WHITE PERCH			THEPTCHL	53	UG/KG	0.1	L
							BIOTA	WHITE PERCH			THPTCLEP	53	UG/KG	0.1	L
							BIOTA	WHITE PERCH			LINURON	53	UG/KG	1	L
							BIOTA	WHITE PERCH			TMALATHN	53	UG/KG	1	L
							BIOTA	WHITE PERCH			THETHPAR	53	UG/KG	1	L
							BIOTA	WHITE PERCH			TTOXAPHEN	53	UG/KG	1	L
							BIOTA	WHITE PERCH			TRIFLURALIN	53	UG/KG	1	L
							BIOTA	WHITE PERCH			TPCBS	53	UG/KG	1	L
XIF5727	881201	1615	8	2139997	BIOTA	1	POOLED	BA	1	3915440	7622440				
							BIOTA	WHITE PERCH			T34RZ0FL	205	UG/KG	1	L
							BIOTA	WHITE PERCH			TACENPTH	205	UG/KG	1	L
							BIOTA	WHITE PERCH			TRENZANT	205	UG/KG	1	L
							BIOTA	WHITE PERCH			TRZGHIP	205	UG/KG	2	L
							BIOTA	WHITE PERCH			TCNRYSEN	205	UG/KG	1	L
							BIOTA	WHITE PERCH			TFLUORANT	205	UG/KG	1	L
							BIOTA	WHITE PERCH			INDEN123	205	UG/KG	2	L
							BIOTA	WHITE PERCH			PHENANTH	205	UG/KG	1	L
							BIOTA	WHITE PERCH			TACENAPH	205	UG/KG	1	L
							BIOTA	WHITE PERCH			TANTHRAC	205	UG/KG	1	L
							BIOTA	WHITE PERCH			TBENZPYR	205	UG/KG	1	L
							BIOTA	WHITE PERCH			TBENZFLR	205	UG/KG	1	L
							BIOTA	WHITE PERCH			TOIBZANA	205	UG/KG	2	L
							BIOTA	WHITE PERCH			FLUORENE	205	UG/KG	1	L
							BIOTA	WHITE PERCH			TNAPHTHAL	205	UG/KG	1	L
							BIOTA	WHITE PERCH			TPYRENE	205	UG/KG	1	L
XIF5727	881201	1615	8	2139997	BIOTA	1	POOLED	BA	1	3915440	7622440				
							BIOTA	WHITE PERCH			TBUTBEP	54	UG/KG	1	L
							BIOTA	WHITE PERCH			TDIOCTYL	54	UG/KG	1	L
							BIOTA	WHITE PERCH			TDI2ETRP	54	UG/KG	560	
							BIOTA	WHITE PERCH			TDIBUPTH	54	UG/KG	1	L
							BIOTA	WHITE PERCH			TDIETPTH	54	UG/KG	1	L
							BIOTA	WHITE PERCH			TDIMEPTH	54	UG/KG	1	L
XIF5727	881201	1615	8	2139997	BIOTA	1	POOLED	BA	1	3915440	7622440				
							BIOTA	WHITE PERCH			TCHROMUN	29	MG/KG	2	L
							BIOTA	WHITE PERCH			TIRON	40	MG/KG	61	
							BIOTA	WHITE PERCH			TMANGAN	45	MG/KG	12	
							BIOTA	WHITE PERCH			TCOPPER	51	MG/KG	2	L
							BIOTA	WHITE PERCH			TRICKEL	34	MG/KG	3	
							BIOTA	WHITE PERCH			TZINC	48	MG/KG	17	

Checked  
03/09/07

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STATION	DATE	TIME	DEPTH	BASIN	MEDIA	SUB	SAMPLE	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE		
			FT		CLASS		METHOD								
							MEDIA	PHYLUM	CLASS	SPECIES	PARAMETER	METHOD	UNITS	VALUE	REM
XIF5727	881201	1615	2	2135997	BIOTA	1	POOLED	BA		1	3915440	7622440			
							BIOTA	SPOT			ALDRIN	53	UG/KG	0.1	L
							BIOTA	SPOT			TALP-BHC	53	UG/KG	0.1	L
							BIOTA	SPOT			TATRAZIN	53	UG/KG	0.1	L
							BIOTA	SPOT			TBET-BHC	53	UG/KG	0.1	L
							BIOTA	SPOT			TLINDANE	53	UG/KG	0.1	L
							BIOTA	SPOT			TCHLDANE	53	UG/KG	1	L
							BIOTA	SPOT			DDD	53	UG/KG	0.1	L
							BIOTA	SPOT			DDE	53	UG/KG	0.1	L
							BIOTA	SPOT			TOTALDDT	53	UG/KG	0.1	L
							BIOTA	SPOT			TDIAZNON	53	UG/KG	1	L
							BIOTA	SPOT			TDIELDRN	53	UG/KG	0.1	L
							BIOTA	SPOT			TEHNRIN	53	UG/KG	0.1	L
							BIOTA	SPOT			TETMLPAR	53	UG/KG	0.1	L
							BIOTA	SPOT			THEPTCHL	53	UG/KG	0.1	L
							BIOTA	SPOT			THPTCLEP	53	UG/KG	0.1	L
							BIOTA	SPOT			LIHURON	53	UG/KG	1	L
							BIOTA	SPOT			TMALATHN	53	UG/KG	1	L
							BIOTA	SPOT			TPETHPAR	53	UG/KG	1	L
							BIOTA	SPOT			TTOXAPHEN	53	UG/KG	1	L
							BIOTA	SPOT			TRIFLURALIN	53	UG/KG	1	L
							BIOTA	SPOT			TPCBS	53	UG/KG	1	L
XIF5727	881207	1615	8	2139997	BIOTA	1	POOLED	BA		1	3915440	7622440			
							BIOTA	SPOT			T348Z0FL	205	UG/KG	1	L
							BIOTA	SPOT			TACENPTH	205	UG/KG	1	L
							BIOTA	SPOT			TBENZANT	205	UG/KG	1	L
							BIOTA	SPOT			TBZSHIP	205	UG/KG	2	L
							BIOTA	SPOT			TCHRYSEN	205	UG/KG	1	L
							BIOTA	SPOT			TFLUORANT	205	UG/KG	1	L
							BIOTA	SPOT			INDEN123	205	UG/KG	2	L
							BIOTA	SPOT			PHENANTH	205	UG/KG	1	L
							BIOTA	SPOT			TACENAPH	205	UG/KG	1	L
							BIOTA	SPOT			TANTHRAC	205	UG/KG	1	L
							BIOTA	SPOT			TBENZPYR	205	UG/KG	1	L
							BIOTA	SPOT			TBENZFLR	205	UG/KG	1	L
							BIOTA	SPOT			TDIBZANA	205	UG/KG	2	L
							BIOTA	SPOT			FLOURENE	205	UG/KG	1	L
							BIOTA	SPOT			THAPHTHAL	205	UG/KG	1	L
							BIOTA	SPOT			TPYRENE	205	UG/KG	1	L
XIF5727	881201	1615	8	2139997	BIOTA	1	POOLED	BA		1	3915440	7622440			
							BIOTA	SPOT			TBUTBEP	54	UG/KG	1	L
							BIOTA	SPOT			TDIOCTYL	54	UG/KG	1	L
							BIOTA	SPOT			TDI2ETHP	54	UG/KG	1300	L
							BIOTA	SPOT			TDIBUPTH	54	UG/KG	1	L
							BIOTA	SPOT			TDIETPTH	54	UG/KG	1	L
							BIOTA	SPOT			TDIMEPTH	54	UG/KG	1	L
XIF5727	881201	1615	8	2139997	BIOTA	1	POOLED	BA		1	3915440	7622440			
							BIOTA	SPOT			TCHROMUM	29	MG/KG	2	L
							BIOTA	SPOT			TIRON	40	MG/KG	28	L
							BIOTA	SPOT			TMANGAN	45	MG/KG	74	L
							BIOTA	SPOT			TCOPPER	51	MG/KG	2	L
							BIOTA	SPOT			TNICKEL	34	MG/KG	2	L
							BIOTA	SPOT			TZINC	48	MG/KG	16	L

*Date is likely an error. Was changed to 881201*

*Checked 03/09/07*

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STATION	DATE	TIME	DEPTH	BASIN	MEDIA	SUB	SAMPLE	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE		
			FT		CLASS		METHOD								
							MEDIA	PHYLUM	CLASS	SPECIES	PARAMETER	METHOD	UNITS	VALUE	REM
X165704	881201	1600	15	2139997	BIOTA	1	POOLED	BA		1	3915440	7620220			
							BIOTA	WHITE PERCH			ALDRIN	53	UG/KG	0.1	L
							BIOTA	WHITE PERCH			TALF-BHC	53	UG/KG	0.1	L
							BIOTA	WHITE PERCH			YATRAZIN	53	UG/KG	0.1	L
							BIOTA	WHITE PERCH			TBET-BHC	53	UG/KG	0.1	L
							BIOTA	WHITE PERCH			TLINDANE	53	UG/KG	0.1	L
							BIOTA	WHITE PERCH			YCHLDANE	53	UG/KG	1	L
							BIOTA	WHITE PERCH			DDD	53	UG/KG	0.1	L
							BIOTA	WHITE PERCH			DDE	53	UG/KG	0.1	L
							BIOTA	WHITE PERCH			TOTALDDY	53	UG/KG	0.1	L
							BIOTA	WHITE PERCH			TDIAZNON	53	UG/KG	1	L
							BIOTA	WHITE PERCH			TDIELDRN	53	UG/KG	0.1	L
							BIOTA	WHITE PERCH			TENDRIN	53	UG/KG	0.1	L
							BIOTA	WHITE PERCH			TETMLPAR	53	UG/KG	0.1	L
							BIOTA	WHITE PERCH			THEPTCHL	53	UG/KG	0.1	L
							BIOTA	WHITE PERCH			THPYCLEP	53	UG/KG	0.1	L
							BIOTA	WHITE PERCH			LINURON	53	UG/KG	1	L
							BIOTA	WHITE PERCH			TMALATHN	53	UG/KG	1	L
							BIOTA	WHITE PERCH			TRETHPAR	53	UG/KG	1	L
							BIOTA	WHITE PERCH			TTOXAPHEN	53	UG/KG	1	L
							BIOTA	WHITE PERCH			TRIFLURALINE	53	UG/KG	1	L
							BIOTA	WHITE PERCH			YPCBS	53	UG/KG	1000	L
X165704	881201	1600	15	2139997	BIOTA	1	POOLED	BA		1	3915440	7620220			
							BIOTA	WHITE PERCH			T348ZOFL	205	UG/KG	1	L
							BIOTA	WHITE PERCH			TACENPTR	205	UG/KG	1	L
							BIOTA	WHITE PERCH			TBENZANT	205	UG/KG	1	L
							BIOTA	WHITE PERCH			TBZGHP	205	UG/KG	2	L
							BIOTA	WHITE PERCH			TCHRYSEW	205	UG/KG	1	L
							BIOTA	WHITE PERCH			TFLUORANT	205	UG/KG	1	L
							BIOTA	WHITE PERCH			INDEN123	205	UG/KG	2	L
							BIOTA	WHITE PERCH			PHENANTH	205	UG/KG	1	L
							BIOTA	WHITE PERCH			TACENAPH	205	UG/KG	1	L
							BIOTA	WHITE PERCH			TANTHRAC	205	UG/KG	1	L
							BIOTA	WHITE PERCH			TBENZPYR	205	UG/KG	1	L
							BIOTA	WHITE PERCH			TBENZFLR	205	UG/KG	1	L
							BIOTA	WHITE PERCH			TDIBZANA	205	UG/KG	2	L
							BIOTA	WHITE PERCH			FLUORENE	205	UG/KG	1	L
							BIOTA	WHITE PERCH			TNAPHTHAL	205	UG/KG	1	L
							BIOTA	WHITE PERCH			TPYRENE	205	UG/KG	1	L
X165704	881201	1600	15	2139997	BIOTA	1	POOLED	BA		1	3915440	7620220			
							BIOTA	WHITE PERCH			TBUTBEP	54	UG/KG	1	L
							BIOTA	WHITE PERCH			TDIOCTYL	54	UG/KG	1	L
							BIOTA	WHITE PERCH			TDI2ETHP	54	UG/KG	10	L
							BIOTA	WHITE PERCH			TDIBUPTH	54	UG/KG	1	L
							BIOTA	WHITE PERCH			TDIETPTH	54	UG/KG	1	L
							BIOTA	WHITE PERCH			TDSEPTH	54	UG/KG	1	L
X165704	881201	1600	15	2139997	BIOTA	1	POOLED	BA		1	3915440	7620220			
							BIOTA	WHITE PERCH			TCHROMUM	29	MG/KG	2	L
							BIOTA	WHITE PERCH			TIRON	40	MG/KG	5	L
							BIOTA	WHITE PERCH			TMANGAN	45	MG/KG	5	L
							BIOTA	WHITE PERCH			TCOPPER	51	MG/KG	2	L
							BIOTA	WHITE PERCH			TNICKEL	34	MG/KG	2	L
							BIOTA	WHITE PERCH			TZINC	48	MG/KG	18	L

Checked  
03/09/07

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STATION	DATE	TIME	DEPTH FT	BASIN	MEDIA CLASS	SUP	SAMPLE METHOD	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE	VALUE	REM	
								MEDIA	PHYLUM	CLASS	SPECIES	PARAMETER	METHOD	UNITS	VALUE	REM
XIG5704	881201	1600	15	2139997	BIOTA	1	POOLED	BA	1		3915440	7620220				
					BIOTA					YELLOW PERCH		ALDRIN	53	UG/KG	0.1	L
					BIOTA					YELLOW PERCH		TALP-BHC	53	UG/KG	0.1	L
					BIOTA					YELLOW PERCH		TATRAZIN	53	UG/KG	0.1	L
					BIOTA					YELLOW PERCH		TBET-BHC	53	UG/KG	0.1	L
					BIOTA					YELLOW PERCH		TLINDANE	53	UG/KG	0.1	L
					BIOTA					YELLOW PERCH		TCHLOANE	53	UG/KG	1	L
					BIOTA					YELLOW PERCH		DDD	53	UG/KG	0.1	L
					BIOTA					YELLOW PERCH		DDE	53	UG/KG	0.1	L
					BIOTA					YELLOW PERCH		DDT	53	UG/KG	0.1	L
					BIOTA					YELLOW PERCH		DDAZNON	53	UG/KG	1	L
					BIOTA					YELLOW PERCH		DDIADRIN	53	UG/KG	0.1	L
					BIOTA					YELLOW PERCH		DENDRIN	53	UG/KG	0.1	L
					BIOTA					YELLOW PERCH		DETHPAR	53	UG/KG	0.1	L
					BIOTA					YELLOW PERCH		DEPTCHL	53	UG/KG	0.1	L
					BIOTA					YELLOW PERCH		DEPTCEP	53	UG/KG	0.1	L
					BIOTA					YELLOW PERCH		LINURON	53	UG/KG	1	L
					BIOTA					YELLOW PERCH		DMALATHN	53	UG/KG	1	L
					BIOTA					YELLOW PERCH		DMETHPAR	53	UG/KG	1	L
					BIOTA					YELLOW PERCH		DTOXAPHEN	53	UG/KG	1	L
					BIOTA					YELLOW PERCH		TRIFLURALINE	53	UG/KG	1	L
					BIOTA					YELLOW PERCH		TPCBS	53	UG/KG	1	L
XIG5704	881201	1600	15	2139997	BIOTA	1	POOLED	BA	1		3915440	7620220				
					BIOTA					YELLOW PERCH		T348Z0FL	205	UG/KG	1	L
					BIOTA					YELLOW PERCH		TACENPTH	205	UG/KG	1	L
					BIOTA					YELLOW PERCH		TBENZANT	205	UG/KG	1	L
					BIOTA					YELLOW PERCH		TBZGHIP	205	UG/KG	2	L
					BIOTA					YELLOW PERCH		TCHRYSEN	205	UG/KG	1	L
					BIOTA					YELLOW PERCH		TFLUORANT	205	UG/KG	1	L
					BIOTA					YELLOW PERCH		INDEN123	205	UG/KG	2	L
					BIOTA					YELLOW PERCH		PHENANTH	205	UG/KG	1	L
					BIOTA					YELLOW PERCH		TACENAPH	205	UG/KG	1	L
					BIOTA					YELLOW PERCH		TANTHRAC	205	UG/KG	1	L
					BIOTA					YELLOW PERCH		TBENZPYR	205	UG/KG	1	L
					BIOTA					YELLOW PERCH		TBENZFLR	205	UG/KG	1	L
					BIOTA					YELLOW PERCH		TDIBZAMA	205	UG/KG	2	L
					BIOTA					YELLOW PERCH		FLUORENE	205	UG/KG	1	L
					BIOTA					YELLOW PERCH		TNAPHTHAL	205	UG/KG	1	L
					BIOTA					YELLOW PERCH		TPYRENE	205	UG/KG	1	L
XIG5704	881201	1600	15	2139997	BIOTA	1	POOLED	BA	1		3915440	7620220				
					BIOTA					YELLOW PERCH		TBUTBEP	54	UG/KG	1	L
					BIOTA					YELLOW PERCH		TDIOCTYL	54	UG/KG	1	L
					BIOTA					YELLOW PERCH		TDI2ETHP	54	UG/KG	720	L
					BIOTA					YELLOW PERCH		TDIBUPTH	54	UG/KG	1	L
					BIOTA					YELLOW PERCH		TDIETPTH	54	UG/KG	1	L
					BIOTA					YELLOW PERCH		TDIMEPTH	54	UG/KG	1	L
XIG5704	881201	1600	15	2139997	BIOTA	1	POOLED	BA	1		3915440	7620220				
					BIOTA					YELLOW PERCH		TCHROMUM	29	MG/KG	2	L
					BIOTA					YELLOW PERCH		TIRON	40	MG/KG	36	L
					BIOTA					YELLOW PERCH		TMANGAN	45	MG/KG	7	L
					BIOTA					YELLOW PERCH		TCOPPER	51	MG/KG	2	L
					BIOTA					YELLOW PERCH		TNICKEL	34	MG/KG	2	L
					BIOTA					YELLOW PERCH		TZINC	48	MG/KG	14	L

Checked  
03/19/07

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STATION	DATE	TIME	DEPTH	BASIN	MEDIA	SUB	SAMPLE	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE		
			FT		CLASS		METHOD								
							MEDIA	PHYLUM	CLASS	SPECIES	PARAMETER	METHOD	UNITS	VALUE	REM
XIG5704	881201	1600	15	2139997	BIOTA	1	POOLED	BA		1	3915440	7620220			
							BIOTA	SPOT			ALDRIN	53	UG/KG	0.1	L
							BIOTA	SPOT			TALP-BMC	53	UG/KG	0.1	L
							BIOTA	SPOT			TATRAZIN	53	UG/KG	0.1	L
							BIOTA	SPOT			TBET-BMC	53	UG/KG	0.1	L
							BIOTA	SPOT			TLINDANE	53	UG/KG	0.1	L
							BIOTA	SPOT			YCHLOANE	53	UG/KG	1	L
							BIOTA	SPOT			DDD	53	UG/KG	0.1	L
							BIOTA	SPOT			DDE	53	UG/KG	0.1	L
							BIOTA	SPOT			TOYALDDY	53	UG/KG	0.1	L
							BIOTA	SPOT			TDIAZNON	53	UG/KG	1	L
							BIOTA	SPOT			TDIELORN	53	UG/KG	0.1	L
							BIOTA	SPOT			YENDRIV	53	UG/KG	0.1	L
							BIOTA	SPOT			YETHLPAR	53	UG/KG	0.1	L
							BIOTA	SPOT			THEPTCHL	53	UG/KG	0.1	L
							BIOTA	SPOT			THPTCLEP	53	UG/KG	0.1	L
							BIOTA	SPOT			LINURON	53	UG/KG	1	L
							BIOTA	SPOT			TMALATHN	53	UG/KG	1	L
							BIOTA	SPOT			TMETHPAR	53	UG/KG	1	L
							BIOTA	SPOT			TTOXAPHEN	53	UG/KG	1	L
							BIOTA	SPOT			TRIFLURALINE	53	UG/KG	1	L
							BIOTA	SPOT			YPCBS	53	UG/KG	50	L
XIG5704	881201	1600	15	2139997	BIOTA	1	POOLED	BA		1	3915440	7620220			
							BIOTA	SPOT			T34BZOFI	205	UG/KG	1	L
							BIOTA	SPOT			TACENPTH	205	UG/KG	1	L
							BIOTA	SPOT			THENZANT	205	UG/KG	1	L
							BIOTA	SPOT			TBZGHIP	205	UG/KG	2	L
							BIOTA	SPOT			TCHRYSEN	205	UG/KG	1	L
							BIOTA	SPOT			TFLUORANT	205	UG/KG	1	L
							BIOTA	SPOT			INDEN123	205	UG/KG	2	L
							BIOTA	SPOT			PHENANTH	205	UG/KG	1	L
							BIOTA	SPOT			TACENAPH	205	UG/KG	1	L
							BIOTA	SPOT			TANTHRAC	205	UG/KG	1	L
							BIOTA	SPOT			TBENZPYR	205	UG/KG	1	L
							BIOTA	SPOT			TBENZFLR	205	UG/KG	1	L
							BIOTA	SPOT			TDIBZAMA	205	UG/KG	2	L
							BIOTA	SPOT			FLUORENE	205	UG/KG	1	L
							BIOTA	SPOT			THAPHTHAL	205	UG/KG	1	L
							BIOTA	SPOT			TPYRENE	205	UG/KG	1	L
XIG5704	881201	1600	15	2139997	BIOTA	1	POOLED	BA		1	3915440	7620220			
							BIOTA	SPOT			TBUTBEP	54	UG/KG	1	L
							BIOTA	SPOT			TDIOCTYL	54	UG/KG	1	L
							BIOTA	SPOT			TDI2ETHP	54	UG/KG	10	L
							BIOTA	SPOT			TDIBUPTH	54	UG/KG	1	L
							BIOTA	SPOT			TDIETPTH	54	UG/KG	1	L
							BIOTA	SPOT			TDINEPTH	54	UG/KG	1	L
XIG5704	881201	1600	15	2139997	BIOTA	1	POOLED	BA		1	3915440	7620220			
							BIOTA	SPOT			TCHROMUM	29	MG/KG	2	L
							BIOTA	SPOT			TIRON	40	MG/KG	33	L
							BIOTA	SPOT			TMANGAN	45	MG/KG	14	L
							BIOTA	SPOT			TCOPPER	51	MG/KG	2	L
							BIOTA	SPOT			TNICKEL	34	MG/KG	2	L
							BIOTA	SPOT			TZINC	48	MG/KG	23	L

*Ch<sup>2</sup> Kod  
3/19/07*

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STATION	DATE	TIME	DEPTH FT	BASIN	MEDIA CLASS	SUB	SAMPLE METHOD	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE				
XIF2743	881201	935	15	2139997	BIOTA	1	POOLED BA	1			3912440	7624190					
					BIOTA		WHITE PERCH					ALDRIN	53 UG/KG	0.1			L
					BIOTA		WHITE PERCH					TALP-BHC	53 UG/KG	0.1			L
					BIOTA		WHITE PERCH					TATRAZIN	53 UG/KG	0.1			L
					BIOTA		WHITE PERCH					TBET-BHC	53 UG/KG	0.1			L
					BIOTA		WHITE PERCH					TLINDANE	53 UG/KG	0.1			L
					BIOTA		WHITE PERCH					TCHLOXANE	53 UG/KG	1			L
					BIOTA		WHITE PERCH					DDD	53 UG/KG	0.1			L
					BIOTA		WHITE PERCH					DDE	53 UG/KG	0.1			L
					BIOTA		WHITE PERCH					TOTALDDT	53 UG/KG	0.1			L
					BIOTA		WHITE PERCH					TDIAZNON	53 UG/KG	1			L
					BIOTA		WHITE PERCH					TDIELDRN	53 UG/KG	0.1			L
					BIOTA		WHITE PERCH					TENDRIN	53 UG/KG	0.1			L
					BIOTA		WHITE PERCH					TETHLPAR	53 UG/KG	0.1			L
					BIOTA		WHITE PERCH					THEPTCHL	53 UG/KG	0.1			L
					BIOTA		WHITE PERCH					THPTCLEP	53 UG/KG	0.1			L
					BIOTA		WHITE PERCH					LINURON	53 UG/KG	1			L
					BIOTA		WHITE PERCH					TMALATHN	53 UG/KG	1			L
					BIOTA		WHITE PERCH					TMETHPAR	53 UG/KG	1			L
					BIOTA		WHITE PERCH					TTOXAPHEN	53 UG/KG	1			L
					BIOTA		WHITE PERCH					TRIFLURALINE	53 UG/KG	1			L
					BIOTA		WHITE PERCH					TPCBS	53 UG/KG	820			L
XIF2743	881201	935	15	2139997	BIOTA	1	POOLED BA	1			3912440	7624190					
					BIOTA		WHITE PERCH					T34E20FL	205 UG/KG	1			L
					BIOTA		WHITE PERCH					TACENPTH	205 UG/KG	1			L
					BIOTA		WHITE PERCH					TBENZANT	205 UG/KG	1			L
					BIOTA		WHITE PERCH					TBZGHIP	205 UG/KG	2			L
					BIOTA		WHITE PERCH					TCHRYSEN	205 UG/KG	1			L
					BIOTA		WHITE PERCH					TFLUORANT	205 UG/KG	1			L
					BIOTA		WHITE PERCH					INDEN123	205 UG/KG	2			L
					BIOTA		WHITE PERCH					PHENANTH	205 UG/KG	1			L
					BIOTA		WHITE PERCH					TACENAPH	205 UG/KG	1			L
					BIOTA		WHITE PERCH					TANTHRAC	205 UG/KG	1			L
					BIOTA		WHITE PERCH					TBENZPYR	205 UG/KG	1			L
					BIOTA		WHITE PERCH					TBENZFLR	205 UG/KG	1			L
					BIOTA		WHITE PERCH					TDIBZANA	205 UG/KG	2			L
					BIOTA		WHITE PERCH					FLUORENE	205 UG/KG	1			L
					BIOTA		WHITE PERCH					TNAPHTHAL	205 UG/KG	1			L
					BIOTA		WHITE PERCH					TPYRENE	205 UG/KG	1			L
XIF2743	881201	935	15	2139997	BIOTA	1	POOLED BA	1			3912440	7624190					
					BIOTA		WHITE PERCH					TBUTBEP	54 UG/KG	1			L
					BIOTA		WHITE PERCH					TDIOCTYL	54 UG/KG	1			L
					BIOTA		WHITE PERCH					TDIZETHP	54 UG/KG	10			L
					BIOTA		WHITE PERCH					TDIBUPTH	54 UG/KG	1			L
					BIOTA		WHITE PERCH					TDIETPTH	54 UG/KG	1			L
					BIOTA		WHITE PERCH					TDINEPTH	54 UG/KG	1			L
XIF2743	881201	935	15	2139997	BIOTA	1	POOLED BA	1			3912440	7624190					
					BIOTA		WHITE PERCH					TCHROMUM	29 MG/KG	2			L
					BIOTA		WHITE PERCH					TIRON	40 MG/KG	30			L
					BIOTA		WHITE PERCH					TMANGAN	45 MG/KG	4			L
					BIOTA		WHITE PERCH					TCOPPER	51 MG/KG	2			L
					BIOTA		WHITE PERCH					TNICKEL	34 MG/KG	2			L
					BIOTA		WHITE PERCH					TZINC	48 MG/KG	12			L

Checked  
03/09/07

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STATION	DATE	TIME	DEPTH FT	BASIN	MEDIA CLASS	SUB METHOD	SAMPLE MEDIA	CTY PHYLUM	TIDE CLASS	WEATHER	LATITUDE SPECIES	LONGITUDE PARAMETER	REPLICATE METHOD	UNITS	VALUE	REM
XIF2743	861202	935	15	2139997	BIOTA	1 POOLED	BA		1		3912440	7624190				
								BIOTA	WHITE PERCH			ALDRIN	53	UG/KG	0.1	L
								BIOTA	WHITE PERCH			TALP-BMC	53	UG/KG	0.1	L
								BIOTA	WHITE PERCH			YATRAZIN	53	UG/KG	0.1	L
								BIOTA	WHITE PERCH			T8ET-BMC	53	UG/KG	0.1	L
								BIOTA	WHITE PERCH			TLINDANE	53	UG/KG	0.1	L
								BIOTA	WHITE PERCH			YCHLORANE	53	UG/KG	1	L
								BIOTA	WHITE PERCH			DDD	53	UG/KG	0.1	L
								BIOTA	WHITE PERCH			DDE	53	UG/KG	0.1	L
								BIOTA	WHITE PERCH			TOYALDDY	53	UG/KG	0.1	L
								BIOTA	WHITE PERCH			TDIAZNON	53	UG/KG	1	L
								BIOTA	WHITE PERCH			TDIELDRN	53	UG/KG	0.1	L
								BIOTA	WHITE PERCH			YENDRIN	53	UG/KG	0.1	L
								BIOTA	WHITE PERCH			YETHLPAR	53	UG/KG	0.1	L
								BIOTA	WHITE PERCH			YMETPCHL	53	UG/KG	0.1	L
								BIOTA	WHITE PERCH			YMPYCLEP	53	UG/KG	0.1	L
								BIOTA	WHITE PERCH			LINURON	53	UG/KG	1	L
								BIOTA	WHITE PERCH			TMALATHM	53	UG/KG	1	L
								BIOTA	WHITE PERCH			YMETHPAR	53	UG/KG	1	L
								BIOTA	WHITE PERCH			YTOXAPHEN	53	UG/KG	1	L
								BIOTA	WHITE PERCH			TRIFLURALINE	53	UG/KG	1	L
								BIOTA	WHITE PERCH			TPCHS	53	UG/KG	850	L
XIF2743	861202	935	15	2139997	BIOTA	1 POOLED	BA		1		3912440	7624190				
								BIOTA	WHITE PERCH			T34R20FL	205	UG/KG	1	L
								BIOTA	WHITE PERCH			TACENPTH	205	UG/KG	1	L
								BIOTA	WHITE PERCH			TRENZANT	205	UG/KG	1	L
								BIOTA	WHITE PERCH			T8ZGHIP	205	UG/KG	2	L
								BIOTA	WHITE PERCH			TCHRYSEN	205	UG/KG	1	L
								BIOTA	WHITE PERCH			TFLUORANT	205	UG/KG	1	L
								BIOTA	WHITE PERCH			INDEN123	205	UG/KG	2	L
								BIOTA	WHITE PERCH			PHENANTH	205	UG/KG	1	L
								BIOTA	WHITE PERCH			TACENAPH	205	UG/KG	1	L
								BIOTA	WHITE PERCH			TANTHRAC	205	UG/KG	1	L
								BIOTA	WHITE PERCH			T8ENZPYR	205	UG/KG	1	L
								BIOTA	WHITE PERCH			T8ENZFLR	205	UG/KG	1	L
								BIOTA	WHITE PERCH			TDIBZANA	205	UG/KG	2	L
								BIOTA	WHITE PERCH			FLUDRENE	205	UG/KG	1	L
								BIOTA	WHITE PERCH			YNAPHTHAL	205	UG/KG	1	L
								BIOTA	WHITE PERCH			TPYRENE	205	UG/KG	1	L
XIF2743	861202	935	15	2139997	BIOTA	1 POOLED	BA		1		3912440	7624190				
								BIOTA	WHITE PERCH			T8UT8EP	54	UG/KG	1	L
								BIOTA	WHITE PERCH			TDIOCTYL	54	UG/KG	1	L
								BIOTA	WHITE PERCH			TDI2ETHP	54	UG/KG	10	L
								BIOTA	WHITE PERCH			TDIBUPTH	54	UG/KG	1	L
								BIOTA	WHITE PERCH			TDIETPTH	54	UG/KG	1	L
								BIOTA	WHITE PERCH			TDIETPTH	54	UG/KG	1	L
XIF2743	861202	935	15	2139997	BIOTA	1 POOLED	BA		1		3912440	7624190				
								BIOTA	WHITE PERCH			TCHROMUM	29	MG/KG	2	L
								BIOTA	WHITE PERCH			TIRON	40	MG/KG	31	L
								BIOTA	WHITE PERCH			TNANGAN	45	MG/KG	4	L
								BIOTA	WHITE PERCH			TCOPPER	51	MG/KG	4	L
								BIOTA	WHITE PERCH			TNICKEL	34	MG/KG	3	L
								BIOTA	WHITE PERCH			TZINC	48	MG/KG	15	L

Checked  
03/01/87

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STATION	DATE	TIME	DEPTH	BASIN	MEDIA	SUB	SAMPLE	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE		
			FT		CLASS		METHOD								
							MEDIA	PHYLUM	CLASS	SPECIES	PARAMETER	METHOD	UNITS	VALUE	REM
XIF2743	881202	935	15	2139997	BIOTA	1	POOLED BA	1			3912440	7624190			
							BIOTA	ATLANTIC	MENHADEN		ALDRIN	53	UG/KG	0.1	L
							BIOTA	ATLANTIC	MENHADEN		TALP-BHC	53	UG/KG	0.1	L
							BIOTA	ATLANTIC	MENHADEN		YATRAZIN	53	UG/KG	0.1	L
							BIOTA	ATLANTIC	MENHADEN		TBET-BHC	53	UG/KG	0.1	L
							BIOTA	ATLANTIC	MENHADEN		TLINDANE	53	UG/KG	0.1	L
							BIOTA	ATLANTIC	MENHADEN		YCHLORARE	53	UG/KG	1	L
							BIOTA	ATLANTIC	MENHADEN		DDD	53	UG/KG	0.1	L
							BIOTA	ATLANTIC	MENHADEN		DDC	53	UG/KG	0.1	L
							BIOTA	ATLANTIC	MENHADEN		TOTALDDT	53	UG/KG	0.1	L
							BIOTA	ATLANTIC	MENHADEN		TDIAZNON	53	UG/KG	1	L
							BIOTA	ATLANTIC	MENHADEN		TDIELDRN	53	UG/KG	0.1	L
							BIOTA	ATLANTIC	MENHADEN		TENDRIN	53	UG/KG	0.1	L
							BIOTA	ATLANTIC	MENHADEN		TETHLPAR	53	UG/KG	0.1	L
							BIOTA	ATLANTIC	MENHADEN		THEPTCHL	53	UG/KG	0.1	L
							BIOTA	ATLANTIC	MENHADEN		THPTCEEP	53	UG/KG	0.1	L
							BIOTA	ATLANTIC	MENHADEN		LINURON	53	UG/KG	1	L
							BIOTA	ATLANTIC	MENHADEN		TMALATHN	53	UG/KG	1	L
							BIOTA	ATLANTIC	MENHADEN		TRETHPAR	53	UG/KG	1	L
							BIOTA	ATLANTIC	MENHADEN		TTOXAPHEN	53	UG/KG	1	L
							BIOTA	ATLANTIC	MENHADEN		TRIFLURALINE	53	UG/KG	1	L
							BIOTA	ATLANTIC	MENHADEN		TPCBS	53	UG/KG	300	L
XIF2743	881202	935	15	2139997	BIOTA	1	POOLED BA	1			3912440	7624190			
							BIOTA	ATLANTIC	MENHADEN		T346Z0FL	205	UG/KG	1000	L
							BIOTA	ATLANTIC	MENHADEN		TACENPTH	205	UG/KG	1000	L
							BIOTA	ATLANTIC	MENHADEN		TBENZANT	205	UG/KG	1000	L
							BIOTA	ATLANTIC	MENHADEN		TBZGHIP	205	UG/KG	2000	L
							BIOTA	ATLANTIC	MENHADEN		TCHRYSEN	205	UG/KG	1000	L
							BIOTA	ATLANTIC	MENHADEN		TFLUORANT	205	UG/KG	1000	L
							BIOTA	ATLANTIC	MENHADEN		INDEN123	205	UG/KG	2000	L
							BIOTA	ATLANTIC	MENHADEN		PHENANTH	205	UG/KG	1000	L
							BIOTA	ATLANTIC	MENHADEN		TACENAPH	205	UG/KG	1000	L
							BIOTA	ATLANTIC	MENHADEN		TANTHRAC	205	UG/KG	1000	L
							BIOTA	ATLANTIC	MENHADEN		TBENZPYR	205	UG/KG	1000	L
							BIOTA	ATLANTIC	MENHADEN		TBENZFLR	205	UG/KG	1000	L
							BIOTA	ATLANTIC	MENHADEN		TDIBZANA	205	UG/KG	2000	L
							BIOTA	ATLANTIC	MENHADEN		FLUORENE	205	UG/KG	1000	L
							BIOTA	ATLANTIC	MENHADEN		TNAPHTHAL	205	UG/KG	1000	L
							BIOTA	ATLANTIC	MENHADEN		TPYRENE	205	UG/KG	1000	L
XIF2743	881202	935	15	2139997	BIOTA	1	POOLED BA	1			3912440	7624190			
							BIOTA	ATLANTIC	MENHADEN		TBUTBEP	54	UG/KG	1000	L
							BIOTA	ATLANTIC	MENHADEN		TDIOCTYL	54	UG/KG	1000	L
							BIOTA	ATLANTIC	MENHADEN		TDI2ETHP	54	UG/KG	10000	L
							BIOTA	ATLANTIC	MENHADEN		TDIBUPTH	54	UG/KG	1000	L
							BIOTA	ATLANTIC	MENHADEN		TDIETPTH	54	UG/KG	1000	L
							BIOTA	ATLANTIC	MENHADEN		TDIMEPTH	54	UG/KG	1000	L
XIF2743	881202	935	15	2139997	BIOTA	1	POOLED BA	1			3912440	7624190			
							BIOTA	ATLANTIC	MENHADEN		TCHROMUM	29	MG/KG	3	L
							BIOTA	ATLANTIC	MENHADEN		TIROR	40	MG/KG	24	L
							BIOTA	ATLANTIC	MENHADEN		TMANGAN	45	MG/KG	23	L
							BIOTA	ATLANTIC	MENHADEN		TCOPPER	51	MG/KG	3	L
							BIOTA	ATLANTIC	MENHADEN		TNICKEL	34	MG/KG	3	L
							BIOTA	ATLANTIC	MENHADEN		TZINC	48	MG/KG	32	L

Checked  
03/09/07

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STATION	DATE	TIME	DEPTH	BASIN	MEDIA	SUB	SAMPLE	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE		
			FT		CLASS		METHOD								
							MEDIA	PHYLUM	CLASS	SPECIES	PARAMETER	METHOD	UNITS	VALUE	REM
XIF4516	881202	1015	14	2139997	BIOTA	1	POOLED	BA	1		3914280	7621340			
							BIOTA	WHITE	PERCH		ALDRIN	53	UG/KG	0.1	L
							BIOTA	WHITE	PERCH		TALP-BHC	53	UG/KG	0.1	L
							BIOTA	WHITE	PERCH		YATRAZIN	53	UG/KG	0.1	L
							BIOTA	WHITE	PERCH		TBET-BHC	53	UG/KG	0.1	L
							BIOTA	WHITE	PERCH		TLINDANE	53	UG/KG	0.1	L
							BIOTA	WHITE	PERCH		YCHLDANE	53	UG/KG	110	L
							BIOTA	WHITE	PERCH		DDD	53	UG/KG	0.1	L
							BIOTA	WHITE	PERCH		DDE	53	UG/KG	0.1	L
							BIOTA	WHITE	PERCH		TOYALDDY	53	UG/KG	0.1	L
							BIOTA	WHITE	PERCH		TDIAZNON	53	UG/KG	1	L
							BIOTA	WHITE	PERCH		TDIELDRN	53	UG/KG	0.1	L
							BIOTA	WHITE	PERCH		TEHDRIK	53	UG/KG	0.1	L
							BIOTA	WHITE	PERCH		TETHLPAR	53	UG/KG	0.1	L
							BIOTA	WHITE	PERCH		THEPTCHL	53	UG/KG	0.1	L
							BIOTA	WHITE	PERCH		THPYCLEP	53	UG/KG	0.1	L
							BIOTA	WHITE	PERCH		LINURON	53	UG/KG	1	L
							BIOTA	WHITE	PERCH		THALATHN	53	UG/KG	1	L
							BIOTA	WHITE	PERCH		THETHPAR	53	UG/KG	1	L
							BIOTA	WHITE	PERCH		TYOXAPHEN	53	UG/KG	1	L
							BIOTA	WHITE	PERCH		TRIFLURALINE	53	UG/KG	1	L
							BIOTA	WHITE	PERCH		TPCBS	53	UG/KG	80	L
XIF4516	881202	1015	14	2139997	BIOTA	1	POOLED	BA	1		3914280	7621340			
							BIOTA	WHITE	PERCH		T34B20FL	205	UG/KG	1	L
							BIOTA	WHITE	PERCH		TACENP1H	205	UG/KG	1	L
							BIOTA	WHITE	PERCH		TBENZANT	205	UG/KG	1	L
							BIOTA	WHITE	PERCH		TBZGHP	205	UG/KG	2	L
							BIOTA	WHITE	PERCH		TCHRYSEN	205	UG/KG	1	L
							BIOTA	WHITE	PERCH		TFLUORANT	205	UG/KG	1	L
							BIOTA	WHITE	PERCH		INDEN123	205	UG/KG	2	L
							BIOTA	WHITE	PERCH		PHENANTH	205	UG/KG	1	L
							BIOTA	WHITE	PERCH		TACENAPH	205	UG/KG	1	L
							BIOTA	WHITE	PERCH		TANTHRAC	205	UG/KG	1	L
							BIOTA	WHITE	PERCH		TBENZPYR	205	UG/KG	1	L
							BIOTA	WHITE	PERCH		TBENZFLR	205	UG/KG	1	L
							BIOTA	WHITE	PERCH		TOIBZANA	205	UG/KG	2	L
							BIOTA	WHITE	PERCH		FLUORENE	205	UG/KG	1	L
							BIOTA	WHITE	PERCH		TNAPHTHAL	205	UG/KG	1	L
							BIOTA	WHITE	PERCH		TPYRENE	205	UG/KG	1	L
XIF4516	881202	1015	14	2139997	BIOTA	1	POOLED	BA	1		3914280	7621340			
							BIOTA	WHITE	PERCH		TBUTBEP	54	UG/KG	1	L
							BIOTA	WHITE	PERCH		TDIOCTYL	54	UG/KG	1	L
							BIOTA	WHITE	PERCH		TDI2ETHP	54	UG/KG	10	L
							BIOTA	WHITE	PERCH		TDIBUPTH	54	UG/KG	1	L
							BIOTA	WHITE	PERCH		TDIETPTH	54	UG/KG	1	L
							BIOTA	WHITE	PERCH		TDI2ETHP	54	UG/KG	1	L
XIF4516	881202	1015	14	2139997	BIOTA	1	POOLED	BA	1		3914280	7621340			
							BIOTA	WHITE	PERCH		TCHROMUM	29	MG/KG	2	L
							BIOTA	WHITE	PERCH		IRON	40	MG/KG	25	L
							BIOTA	WHITE	PERCH		TMANGAN	45	MG/KG	14	L
							BIOTA	WHITE	PERCH		TCOPPER	51	MG/KG	2	L
							BIOTA	WHITE	PERCH		TNICKEL	34	MG/KG	2	L
							BIOTA	WHITE	PERCH		TZINC	48	MG/KG	13	L

*Checked  
05/10/07*

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STATION	DATE	TIME	DEPTH	BASIN	MEDIA	SUR	SAMPLE	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE		
			FT		CLASS		METHOD								
							MEDIA	PHYLUM	CLASS	SPECIES	PARAMETER	METHOD	UNITS	VALUE	REM
XIF4516	881202	1015	14	2139997	BIOTA	1	POOLED	BA	1	3914280	7621340				
					BIOTA			ATLANTIC	MENHADEN	ALDRIN	53	UG/KG	0.1	L	
					BIOTA			ATLANTIC	MENHADEN	TALP-BHC	53	UG/KG	0.1	L	
					BIOTA			ATLANTIC	MENHADEN	YATRAZIN	53	UG/KG	0.1	L	
					BIOTA			ATLANTIC	MENHADEN	TBET-BMC	53	UG/KG	0.1	L	
					BIOTA			ATLANTIC	MENHADEN	TLINDANE	53	UG/KG	0.1	L	
					BIOTA			ATLANTIC	MENHADEN	YCHLDANE	53	UG/KG	200	L	
					BIOTA			ATLANTIC	MENHADEN	DDD	53	UG/KG	0.1	L	
					BIOTA			ATLANTIC	MENHADEN	DDE	53	UG/KG	0.1	L	
					BIOTA			ATLANTIC	MENHADEN	TOTALDDT	53	UG/KG	0.1	L	
					BIOTA			ATLANTIC	MENHADEN	TDIAZNON	53	UG/KG	1	L	
					BIOTA			ATLANTIC	MENHADEN	TDIELDRN	53	UG/KG	0.1	L	
					BIOTA			ATLANTIC	MENHADEN	TENDRIN	53	UG/KG	0.1	L	
					BIOTA			ATLANTIC	MENHADEN	TETHLPAR	53	UG/KG	0.1	L	
					BIOTA			ATLANTIC	MENHADEN	THEPTCHL	53	UG/KG	0.1	L	
					BIOTA			ATLANTIC	MENHADEN	THPTCLEP	53	UG/KG	0.1	L	
					BIOTA			ATLANTIC	MENHADEN	LINURON	53	UG/KG	1	L	
					BIOTA			ATLANTIC	MENHADEN	THALATHN	53	UG/KG	1	L	
					BIOTA			ATLANTIC	MENHADEN	THETHPAR	53	UG/KG	1	L	
					BIOTA			ATLANTIC	MENHADEN	TTOXAPHEW	53	UG/KG	1	L	
					BIOTA			ATLANTIC	MENHADEN	TRIFLURALIN	53	UG/KG	1	L	
					BIOTA			ATLANTIC	MENHADEN	TPCBS	53	UG/KG	200	L	
XIF4516	881202	1015	14	2139997	BIOTA	1	POOLED	BA	1	3914280	7621340				
					BIOTA			ATLANTIC	MENHADEN	T34820FL	205	UG/KG	1	L	
					BIOTA			ATLANTIC	MENHADEN	TACENPTH	205	UG/KG	1	L	
					BIOTA			ATLANTIC	MENHADEN	TBENZANT	205	UG/KG	1	L	
					BIOTA			ATLANTIC	MENHADEN	TBZGHIP	205	UG/KG	2	L	
					BIOTA			ATLANTIC	MENHADEN	TCHRYSER	205	UG/KG	1	L	
					BIOTA			ATLANTIC	MENHADEN	TFLUORANT	205	UG/KG	1	L	
					BIOTA			ATLANTIC	MENHADEN	TINDEN123	205	UG/KG	2	L	
					BIOTA			ATLANTIC	MENHADEN	TPHENANTH	205	UG/KG	1	L	
					BIOTA			ATLANTIC	MENHADEN	TACENAPH	205	UG/KG	1	L	
					BIOTA			ATLANTIC	MENHADEN	TANTHRAC	205	UG/KG	1	L	
					BIOTA			ATLANTIC	MENHADEN	TBENZPYR	205	UG/KG	1	L	
					BIOTA			ATLANTIC	MENHADEN	TBENZFLR	205	UG/KG	1	L	
					BIOTA			ATLANTIC	MENHADEN	TDIBZAH	205	UG/KG	2	L	
					BIOTA			ATLANTIC	MENHADEN	TFLUORENC	205	UG/KG	1	L	
					BIOTA			ATLANTIC	MENHADEN	TNAPHTHAL	205	UG/KG	1	L	
					BIOTA			ATLANTIC	MENHADEN	TPYRENE	205	UG/KG	1	L	
XIF4516	881202	1015	14	2139997	BIOTA	1	POOLED	BA	1	3914280	7621340				
					BIOTA			ATLANTIC	MENHADEN	T8UTBEP	54	UG/KG	1	L	
					BIOTA			ATLANTIC	MENHADEN	TDIDCYL	54	UG/KG	1	L	
					BIOTA			ATLANTIC	MENHADEN	TDIZETHP	54	UG/KG	10	L	
					BIOTA			ATLANTIC	MENHADEN	TDIBUPTH	54	UG/KG	1	L	
					BIOTA			ATLANTIC	MENHADEN	TDIETPTH	54	UG/KG	1	L	
					BIOTA			ATLANTIC	MENHADEN	TDIETPTH	54	UG/KG	1	L	
XIF4516	881202	1015	14	2139997	BIOTA	1	POOLED	BA	1	3914280	7621340				
					BIOTA			ATLANTIC	MENHADEN	TCHROMUM	29	MG/KG	3		
					BIOTA			ATLANTIC	MENHADEN	TIRON	40	MG/KG	50		
					BIOTA			ATLANTIC	MENHADEN	TMANGAN	45	MG/KG	16		
					BIOTA			ATLANTIC	MENHADEN	TCOPPER	51	MG/KG	2		
					BIOTA			ATLANTIC	MENHADEN	TNICKEL	34	MG/KG	3		
					BIOTA			ATLANTIC	MENHADEN	TZINC	48	MG/KG	27		

*Checked  
03/09/07*

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STATION	DATE	TIME	DEPTH	BASIN	MEDIA	SUB	SAMPL	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE			
			FT		CLASS		METHOD									
							MEDIA	PHYLUM	CLASS	SPECIES	PARAMETER	METHOD	UNITS	VALUE	REM	
XIF4516	881202	1015	14	2139997	BIOTA	1	POOLED	BA		1	3914280	7621340				
					BIOTA		SPOT				ALDRIN	53	UG/KG	0.1	L	
					BIOTA		SPOT				TALP-BHC	53	UG/KG	0.1	L	
					BIOTA		SPOT				YATRAZIN	53	UG/KG	0.1	L	
					BIOTA		SPOT				TBET-BHC	53	UG/KG	0.1	L	
					BIOTA		SPOT				TLINDANE	53	UG/KG	0.1	L	
					BIOTA		SPOT				YCHLDANE	53	UG/KG	1	L	
					BIOTA		SPOT				DDD	53	UG/KG	0.1	L	
					BIOTA		SPOT				DDE	53	UG/KG	0.1	L	
					BIOTA		SPOT				TOTALDDT	53	UG/KG	0.1	L	
					BIOTA		SPOT				TDIAZNON	53	UG/KG	1	L	
					BIOTA		SPOT				TDIELDRN	53	UG/KG	0.1	L	
					BIOTA		SPOT				YENDRIN	53	UG/KG	0.1	L	
					BIOTA		SPOT				TETHLPAR	53	UG/KG	0.1	L	
					BIOTA		SPOT				THEPTCHL	53	UG/KG	0.1	L	
					BIOTA		SPOT				THPTCLEP	53	UG/KG	0.1	L	
					BIOTA		SPOT				LINURON	53	UG/KG	1	L	
					BIOTA		SPOT				TMALATHN	53	UG/KG	1	L	
					BIOTA		SPOT				THETHPAR	53	UG/KG	1	L	
					BIOTA		SPOT				TTOXAPHEN	53	UG/KG	1	L	
					BIOTA		SPOT				TRIFLURALINE	53	UG/KG	1	L	
					BIOTA		SPOT				IPCBS	53	UG/KG	1	L	
XIF4516	881202	1015	14	2139997	BIOTA	1	POOLED	BA		1	3914280	7621340				
					BIOTA		SPOT				T34B20FL	205	UG/KG	1	L	
					BIOTA		SPOT				TACENPTH	205	UG/KG	1	L	
					BIOTA		SPOT				TBENZANT	205	UG/KG	1	L	
					BIOTA		SPOT				TBZGHIP	205	UG/KG	2	L	
					BIOTA		SPOT				TCHRYSEN	205	UG/KG	1	L	
					BIOTA		SPOT				TFLUORANT	205	UG/KG	1	L	
					BIOTA		SPOT				INDEN123	205	UG/KG	2	L	
					BIOTA		SPOT				PRENANTH	205	UG/KG	1	L	
					BIOTA		SPOT				TACENAPH	205	UG/KG	1	L	
					BIOTA		SPOT				TANTHRAC	205	UG/KG	1	L	
					BIOTA		SPOT				TBENZPYR	205	UG/KG	1	L	
					BIOTA		SPOT				TBENZFLR	205	UG/KG	1	L	
					BIOTA		SPOT				TDIBZANA	205	UG/KG	2	L	
					BIOTA		SPOT				FLUDRENE	205	UG/KG	1	L	
					BIOTA		SPOT				TNAPHTHAL	205	UG/KG	1	L	
					BIOTA		SPOT				TPYRENE	205	UG/KG	1	L	
XIF4516	881202	1015	14	2139997	BIOTA	1	POOLED	BA		1	3914280	7621340				
					BIOTA		SPOT				TBUTBEP	54	UG/KG	1	L	
					BIOTA		SPOT				TDIOCTYL	54	UG/KG	1	L	
					BIOTA		SPOT				TDI2ETHP	54	UG/KG	10	L	
					BIOTA		SPOT				TDIBUPTH	54	UG/KG	1	L	
					BIOTA		SPOT				TDIEPTH	54	UG/KG	1	L	
					BIOTA		SPOT				TDINEPTH	54	UG/KG	1	L	
XIF4516	881202	1015	14	2139997	BIOTA	1	POOLED	BA		1	3914280	7621340				
					BIOTA		SPOT				TCHROMUM	29	MG/KG	2	L	
					BIOTA		SPOT				TIRON	40	MG/KG	27	L	
					BIOTA		SPOT				TMANGAN	45	MG/KG	25	L	
					BIOTA		SPOT				TCOPPER	51	MG/KG	2	L	
					BIOTA		SPOT				TNICKEL	34	MG/KG	2	L	
					BIOTA		SPOT				TZINC	48	MG/KG	10	L	

*checked  
03/09/07*

*300*



STATION	DATE	TIME	DEPTH	BASIN	MEDIA	SUB	SAMPLE	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE				
			FT		CLASS		METHOD										
								MEDIA	PHYLUM	CLASS	SPECIES	PARAMETER	METHOD	UNITS	VALUE	REN	
XIF3325	890410	1040	16	2139957	BIOTA	1	POOLED	RA			3913170	7622300					
									BIOTA	BRACKISH	WATER	CLAM	ALDRIN	53	UG/KG	1	L
									BIOTA	BRACKISH	WATER	CLAM	TALP-BHC	53	UG/KG	1	L
									BIOTA	BRACKISH	WATER	CLAM	TATRAZIN	53	UG/KG	2	L
									BIOTA	BRACKISH	WATER	CLAM	TBET-BMC	53	UG/KG	1	L
									BIOTA	BRACKISH	WATER	CLAM	7LINDANE	53	UG/KG	1	L
									BIOTA	BRACKISH	WATER	CLAM	TCHLDANE	53	UG/KG	10	L
									BIOTA	BRACKISH	WATER	CLAM	DDD	53	UG/KG	1	L
									BIOTA	BRACKISH	WATER	CLAM	DDE	53	UG/KG	1	L
									BIOTA	BRACKISH	WATER	CLAM	TOTALDDT	53	UG/KG	1	L
									BIOTA	BRACKISH	WATER	CLAM	TDIAZNON	53	UG/KG	2	L
									BIOTA	BRACKISH	WATER	CLAM	TDIELDRN	53	UG/KG	1	L
									BIOTA	BRACKISH	WATER	CLAM	YENDRN	53	UG/KG	1	L
									BIOTA	BRACKISH	WATER	CLAM	TETHLPAR	53	UG/KG	2	L
									BIOTA	BRACKISH	WATER	CLAM	TMEPTCHL	53	UG/KG	2	L
									BIOTA	BRACKISH	WATER	CLAM	TWPYCLEP	53	UG/KG	1	L
									BIOTA	BRACKISH	WATER	CLAM	LINURON	53	UG/KG	2	L
									BIOTA	BRACKISH	WATER	CLAM	TNALATHN	53	UG/KG	2	L
									BIOTA	BRACKISH	WATER	CLAM	TRETHPAR	53	UG/KG	2	L
									BIOTA	BRACKISH	WATER	CLAM	TTOXAPHEN	53	UG/KG	10	L
									BIOTA	BRACKISH	WATER	CLAM	TRIFLURALINE	53	UG/KG	2	L
									BIOTA	BRACKISH	WATER	CLAM	YPCBS	53	UG/KG	100	L
XIF3325	890410	1040	16	2139997	BIOTA	1	POOLED	BA			3913170	7622300					
									BIOTA	BRACKISH	WATER	CLAM	T34BZ0FL	205	UG/KG	1	L
									BIOTA	BRACKISH	WATER	CLAM	TACENPTH	205	UG/KG	1	L
									BIOTA	BRACKISH	WATER	CLAM	TBENZANT	205	UG/KG	1	L
									BIOTA	BRACKISH	WATER	CLAM	TBZGHP	205	UG/KG	2	L
									BIOTA	BRACKISH	WATER	CLAM	TCHRYSEN	205	UG/KG	1	L
									BIOTA	BRACKISH	WATER	CLAM	TFLUORANT	205	UG/KG	1	L
									BIOTA	BRACKISH	WATER	CLAM	TINDEN123	205	UG/KG	2	L
									BIOTA	BRACKISH	WATER	CLAM	TPHENANTH	205	UG/KG	1	L
									BIOTA	BRACKISH	WATER	CLAM	TACENAPH	205	UG/KG	1	L
									BIOTA	BRACKISH	WATER	CLAM	TANTHRAC	205	UG/KG	1	L
									BIOTA	BRACKISH	WATER	CLAM	TBENZPYR	205	UG/KG	1	L
									BIOTA	BRACKISH	WATER	CLAM	TBENZFLA	205	UG/KG	2	L
									BIOTA	BRACKISH	WATER	CLAM	TDIBZANA	205	UG/KG	2	L
									BIOTA	BRACKISH	WATER	CLAM	TFLUORENE	205	UG/KG	1	L
									BIOTA	BRACKISH	WATER	CLAM	TNAPHTHAL	205	UG/KG	1	L
									BIOTA	BRACKISH	WATER	CLAM	TPYRENE	205	UG/KG	1	L
XIF3325	890410	1040	16	2139997	BIOTA	1	POOLED	BA			3913170	7622300					
									BIOTA	BRACKISH	WATER	CLAM	TOUTREP	54	UG/KG	1	L
									BIOTA	BRACKISH	WATER	CLAM	TDIBCTYL	54	UG/KG	1	L
									BIOTA	BRACKISH	WATER	CLAM	TDIETHP	54	UG/KG	10	L
									BIOTA	BRACKISH	WATER	CLAM	TDIBUPTH	54	UG/KG	1	L
									BIOTA	BRACKISH	WATER	CLAM	TDIETPTH	54	UG/KG	1	L
									BIOTA	BRACKISH	WATER	CLAM	TDIBUPTH	53	UG/KG	1	L
XIF3325	890410	1040	16	2139997	BIOTA	1	POOLED	BA			3913170	7622300					
									BIOTA	BRACKISH	WATER	CLAM	TCHROMUM	29	MG/KG	2	L
									BIOTA	BRACKISH	WATER	CLAM	TIRON	40	MG/KG	203	L
									BIOTA	BRACKISH	WATER	CLAM	TMANGAN	45	MG/KG	35	L
									BIOTA	BRACKISH	WATER	CLAM	TCOPPER	51	MG/KG	3	L
									BIOTA	BRACKISH	WATER	CLAM	TNICKEL	34	MG/KG	20	L
									BIOTA	BRACKISH	WATER	CLAM	TZINC	48	MG/KG	19	L

*Checked  
02/10/07*

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STATION	DATE	TIME	DEPTH	BASIN	MEDIA	SUB	SAMPLE	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE		
			FT		CLASS		METHOD								
							MEDIA	PHYLUM	CLASS	SPECIES	PARAMETER	METHOD	UNITS	VALUE	REM
XIF3325	890410	1040	16	2139997	BIOTA	1	POOLED BA				3913170	7622300			
							BIOTA	MACOMA	SP		ALDRIN	53	UG/KG	100	L
							BIOTA	MACOMA	SP		TALP-BHC	53	UG/KG	100	L
							BIOTA	MACOMA	SP		YATRAZIN	53	UG/KG	200	L
							BIOTA	MACOMA	SP		TRET-BHC	53	UG/KG	100	L
							BIOTA	MACOMA	SP		TLINDANE	53	UG/KG	100	L
							BIOTA	MACOMA	SP		TCHLDANE	53	UG/KG	1000	L
							BIOTA	MACOMA	SP		DDD	53	UG/KG	100	L
							BIOTA	MACOMA	SP		DDE	53	UG/KG	100	L
							BIOTZ	MACOMA	SP		TOTALDOT	53	UG/KG	100	L
							BIOTA	MACOMA	SP		TDIAZNON	53	UG/KG	200	L
							BIOTA	MACOMA	SP		TDIELORN	53	UG/KG	100	L
							BIOTA	MACOMA	SP		TENDRIN	53	UG/KG	100	L
							BIOTA	MACOMA	SP		TETHLPAH	53	UG/KG	200	L
							BIOTA	MACOMA	SP		THEPTCHL	53	UG/KG	200	L
							BIOTA	MACOMA	SP		THPTCLEP	53	UG/KG	100	L
							BIOTA	MACOMA	SP		LINURON	53	UG/KG	200	L
							BIOTA	MACOMA	SP		THALATHN	53	UG/KG	200	L
							BIOTA	MACOMA	SP		THHTHPAR	53	UG/KG	200	L
							BIOTA	MACOMA	SP		TRONAPHEN	53	UG/KG	1000	L
							BIOTA	MACOMA	SP		TRIFLURALINE	53	UG/KG	200	L
							BIOTA	MACOMA	SP		TPCRS	53	UG/KG	100	L
XIF3325	890410	1040	16	2139997	BIOTA	1	POOLED BA				3913170	7622300			
							BIOTA	MACOMA	SP		T34H2OFL	205	UG/KG	5	L
							BIOTA	MACOMA	SP		TACENPTH	205	UG/KG	5	L
							BIOTA	MACOMA	SP		TBENZANT	205	UG/KG	5	L
							BIOTA	MACOMA	SP		TRZGHIP	205	UG/KG	10	L
							BIOTA	MACOMA	SP		TCHRYSEN	205	UG/KG	5	L
							BIOTA	MACOMA	SP		TFLUORANT	205	UG/KG	5	L
							BIOTA	MACOMA	SP		INDEN123	205	UG/KG	10	L
							BIOTA	MACOMA	SP		PHENANTH	205	UG/KG	5	L
							BIOTA	MACOMA	SP		TACENAPH	205	UG/KG	5	L
							BIOTA	MACOMA	SP		TANTHRAC	205	UG/KG	5	L
							BIOTA	MACOMA	SP		TBENZPYR	205	UG/KG	5	L
							BIOTA	MACOMA	SP		TBENZFLR	205	UG/KG	10	L
							BIOTA	MACOMA	SP		TDIBZANA	205	UG/KG	10	L
							BIOTA	MACOMA	SP		FLUCRENE	205	UG/KG	5	L
							BIOTA	MACOMA	SP		TNAPHTHAL	205	UG/KG	5	L
							BIOTA	MACOMA	SP		TPYRENE	205	UG/KG	5	L
XIF3325	890410	1040	16	2139997	BIOTA	1	POOLED BA				3913170	7622300			
							BIOTA	MACOMA	SP		TBUTBEP	54	UG/KG	5	L
							BIOTA	MACOMA	SP		TDIOCTYL	54	UG/KG	5	L
							BIOTA	MACOMA	SP		TDIETHP	54	UG/KG	50	L
							BIOTA	MACOMA	SP		TDIRUPTH	54	UG/KG	5	L
							BIOTA	MACOMA	SP		TDIETPH	54	UG/KG	5	L
							BIOTA	MACOMA	SP		TDIMEPTH	54	UG/KG	5	L
XIF3325	890410	1040	16	2139997	BIOTA	1	POOLED BA				3913170	7622300			
							BIOTA	MACOMA	SP		TCHROMUM	29	MG/KG	3	
							BIOTA	MACOMA	SP		TIRON	40	MG/KG	630	
							BIOTA	MACOMA	SP		TMANGAN	45	MG/KG	165	
							BIOTA	MACOMA	SP		TCOPPER	51	MG/KG	9	
							BIOTA	MACOMA	SP		TNICKEL	34	MG/KG	5	
							BIOTA	MACOMA	SP		TZINC	48	MG/KG	50	

*checked  
03/2/07*

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STATION	DATE	TIME	DEPTH	BASIN	MEDIA	SUB	SAMPLE	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE		
			FT		CLASS		METHOD								
							MEDIA	PHYLUM	CLASS	SPECIES	PARAMETER	METHOD	UNITS	VALUE	REM
XIF4327	890410	1105	10	2139997	BIOTA	1	POOLED HA	0	3914170	7622410					
							BIOTA	BRACKISH WATER CLAM		ALDRIN	53	UG/KG	2		L
							BIOTA	BRACKISH WATER CLAM		TALP-BHC	53	UG/KG	2		L
							BIOTA	BRACKISH WATER CLAM		YATRAZIN	53	UG/KG	4		L
							BIOTA	BRACKISH WATER CLAM		TRET-BHC	53	UG/KG	2		L
							BIOTA	BRACKISH WATER CLAM		TLINDANE	53	UG/KG	2		L
							BIOTA	BRACKISH WATER CLAM		YCHLDANE	53	UG/KG	20		L
							BIOTA	BRACKISH WATER CLAM		DDD	53	UG/KG	2		L
							BIOTA	BRACKISH WATER CLAM		DDE	53	UG/KG	2		L
							BIOTA	BRACKISH WATER CLAM		TOTALDDT	53	UG/KG	2		L
							BIOTA	BRACKISH WATER CLAM		TDIAZNON	53	UG/KG	4		L
							BIOTA	BRACKISH WATER CLAM		TDIELORN	53	UG/KG	2		L
							BIOTA	BRACKISH WATER CLAM		TENDRIN	53	UG/KG	2		L
							BIOTA	BRACKISH WATER CLAM		TETHLPAR	53	UG/KG	4		L
							BIOTA	BRACKISH WATER CLAM		THEPTCHL	53	UG/KG	4		L
							BIOTA	BRACKISH WATER CLAM		THPTCLEP	53	UG/KG	20		L
							BIOTA	BRACKISH WATER CLAM		LINURON	53	UG/KG	4		L
							BIOTA	BRACKISH WATER CLAM		THALATHN	53	UG/KG	4		L
							BIOTA	BRACKISH WATER CLAM		THETHPAR	53	UG/KG	4		L
							BIOTA	BRACKISH WATER CLAM		TYOXAPHEN	53	UG/KG	20		L
							BIOTA	BRACKISH WATER CLAM		TRIFLURALINE	53	UG/KG	4		L
							BIOTA	BRACKISH WATER CLAM		TPCBS	53	UG/KG	200		L
XIF4327	890410	1105	10	2139997	BIOTA	1	POOLED BA	0	3914170	7622410					
							BIOTA	BRACKISH WATER CLAM		T34BZOFI	205	UG/KG	2		L
							BIOTA	BRACKISH WATER CLAM		TACENPTH	205	UG/KG	2		L
							BIOTA	BRACKISH WATER CLAM		TRENZANT	205	UG/KG	2		L
							BIOTA	BRACKISH WATER CLAM		TRZGHIP	205	UG/KG	4		L
							BIOTA	BRACKISH WATER CLAM		TCHRYSEN	205	UG/KG	2		L
							BIOTA	BRACKISH WATER CLAM		TFLUORANT	205	UG/KG	2		L
							BIOTA	BRACKISH WATER CLAM		INDEN123	205	UG/KG	4		L
							BIOTA	BRACKISH WATER CLAM		PHENANTH	205	UG/KG	2		L
							BIOTA	BRACKISH WATER CLAM		TACENAPH	205	UG/KG	2		L
							BIOTA	BRACKISH WATER CLAM		TANTHRAC	205	UG/KG	2		L
							BIOTA	BRACKISH WATER CLAM		TBENZPYR	205	UG/KG	2		L
							BIOTA	BRACKISH WATER CLAM		TBENZFLR	205	UG/KG	4		L
							BIOTA	BRACKISH WATER CLAM		TDIBZAHA	205	UG/KG	4		L
							BIOTA	BRACKISH WATER CLAM		FUORENE	205	UG/KG	2		L
							BIOTA	BRACKISH WATER CLAM		TNAPHTHAL	205	UG/KG	2		L
							BIOTA	BRACKISH WATER CLAM		TPYRENE	205	UG/KG	2		L
XIF4327	890410	1105	10	2139997	BIOTA	1	POOLED BA	0	3914170	7622410					
							BIOTA	BRACKISH WATER CLAM		T8UTBEP	54	UG/KG	2		L
							BIOTA	BRACKISH WATER CLAM		TDIOCTYL	54	UG/KG	2		L
							BIOTA	BRACKISH WATER CLAM		TDI2ETHP	54	UG/KG	20		L
							BIOTA	BRACKISH WATER CLAM		TDIBUPTH	54	UG/KG	2		L
							BIOTA	BRACKISH WATER CLAM		TDIETPTH	54	UG/KG	2		L
							BIOTA	BRACKISH WATER CLAM		TDIMEPTH	54	UG/KG	2		L
XIF4327	890410	1105	10	2139997	BIOTA	1	POOLED BA	0	3914170	7622410					
							BIOTA	BRACKISH WATER CLAM		TCHPOMUM	29	MG/KG	2		L
							BIOTA	BRACKISH WATER CLAM		TIRON	40	MG/KG	73		L
							BIOTA	BRACKISH WATER CLAM		TMANGAN	45	MG/KG	6		L
							BIOTA	BRACKISH WATER CLAM		TCOPPER	51	MG/KG	2		L
							BIOTA	BRACKISH WATER CLAM		TWICKEL	34	MG/KG	17		L
							BIOTA	BRACKISH WATER CLAM		TZINC	48	MG/KG	13		L

*checked  
6/3/0/07*

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STATION	DATE	TIME	DEPTH FT	BASIN	MEDIA CLASS	SUB	SAMPLE METHOD	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE	PARAMETER	METHOD	UNITS	VALUE	REM	
XIF4327	890410	1105	10	2139997	BIOTA	1	POOLED	RA			3914170	7622410							
														ALDRIN	53	UG/KG	1000	L	
														TALP-BHC	53	UG/KG	1000	L	
														TATRAZIN	53	UG/KG	2000	L	
														TBET-BHC	53	UG/KG	1000	L	
														TLINDANE	53	UG/KG	1000	L	
														YCHLORANE	53	UG/KG	10000	L	
														DDD	53	UG/KG	1000	L	
														DDE	53	UG/KG	1000	L	
														TOTALDDT	53	UG/KG	1000	L	
														TDIAZNON	53	UG/KG	2000	L	
														TDIELORN	53	UG/KG	1000	L	
														YENDRIN	53	UG/KG	1000	L	
														TETHPAR	53	UG/KG	2000	L	
														THEPTCHL	53	UG/KG	2000	L	
														THPTCLEP	53	UG/KG	1000	L	
														LINURON	53	UG/KG	2000	L	
														THALATHN	53	UG/KG	2000	L	
														THETHPAR	53	UG/KG	2000	L	
														TTOXAPHEN	53	UG/KG	10000	L	
														TRIFLURALINE	53	UG/KG	2000	L	
														TPCBS	53	UG/KG	10000	L	
XIF4327	890410	1105	10	2139997	BIOTA	1	POOLED	BA			3914170	7622410							
														T34EZOFL	205	UG/KG	1000	L	
														TACENPTH	205	UG/KG	1000	L	
														TBENZANT	205	UG/KG	1000	L	
														TBZGHP	205	UG/KG	2000	L	
														TCHRYSEN	205	UG/KG	1000	L	
														TFLUORANT	205	UG/KG	1000	L	
														INDEN123	205	UG/KG	2000	L	
														PHENANTH	205	UG/KG	1000	L	
														TACENAPH	205	UG/KG	1000	L	
														TANTHRAC	205	UG/KG	1000	L	
														TBENZPYR	205	UG/KG	1000	L	
														TBENZFLR	205	UG/KG	2000	L	
														TDIBZANA	205	UG/KG	2000	L	
														FLUORENE	205	UG/KG	1000	L	
														THAPHTHAL	205	UG/KG	1000	L	
														TPYRENE	205	UG/KG	1000	L	
XIF4327	890410	1105	10	2139997	BIOTA	1	POOLED	BA			3914170	7622410							
														TBUTBEP	54	UG/KG	1000	L	
														TDIOCTYL	54	UG/KG	1000	L	
														TDIETHP	54	UG/KG	10000	L	
														TDIEUPTH	54	UG/KG	1000	L	
														TDIETPTH	54	UG/KG	1000	L	
														TDIMEPTH	54	UG/KG	1000	L	
XIF4327	890410	1105	10	2139997	BIOTA	1	POOLED	BA			3914170	7622410							
														TCHROMUM	29	MG/KG	5	L	
														TIRON	40	MG/KG	315	L	
														THANGAN	45	MG/KG	100	L	
														TCOPPER	51	MG/KG	20	L	
														THICKEL	34	MG/KG	5	L	
														TZINC	48	MG/KG	50	L	

Checked  
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STATION	DATE	TIME	DEPTH	HASIN	MEDIA	SUB	SAMPLE	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE									
			FT		CLASS		METHOD															
XIF4327	890410	1105	10	2139997	BIOTA	1	POOLED	BA	0		3914170	7622410										
XIF4327	890410	1105	10	2139997	BIOTA	1	POOLED	RA	0		3914170	7622410										
XIF4327	890410	1105	10	2139997	BIOTA	1	POOLED	BA	0		3914170	7622410										

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STATION	DATE	TIME	DEPTH FT	BASIN	MEDIA CLASS	SUB METHOD	SAMPLE MEDIA	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE	PARAMETER	METHOD	UNITS	VALUE	REM	
XIF4715	890410	1155	14	2139997	BIOTA	1 POOLED	HA	0	3914400		7621280								
														ALDRIN	53	UG/KG	2	L	
														TALP-BMC	53	UG/KG	2	L	
														TATRAZIN	53	UG/KG	4	L	
														TRCT-BMC	53	UG/KG	2	L	
														TLINDANE	53	UG/KG	2	L	
														TCHLDANE	53	UG/KG	20	L	
														DDD	53	UG/KG	2	L	
														DDE	53	UG/KG	2	L	
														TOTALDDT	53	UG/KG	2	L	
														TDIAZNON	53	UG/KG	4	L	
														TDIELDRN	53	UG/KG	2	L	
														TENDRIN	53	UG/KG	2	L	
														TETHLPAR	53	UG/KG	4	L	
														THEPTCHL	53	UG/KG	4	L	
														TMPTCLEP	53	UG/KG	2	L	
														LINURON	53	UG/KG	4	L	
														TMALATHN	53	UG/KG	4	L	
														TMETHPAR	53	UG/KG	4	L	
														TTOXAPHEN	53	UG/KG	20	L	
														TRIFLURALIN	53	UG/KG	4	L	
														TPCBS	53	UG/KG	200	L	
XIF4715	890410	1155	14	2139997	BIOTA	1 POOLED	BA	0	3914400		7621280								
														TJ4BZOFI	205	UG/KG	5	L	
														TACENPTH	205	UG/KG	5	L	
														THEZANT	205	UG/KG	5	L	
														THZGHIP	205	UG/KG	10	L	
														TCHRYSEN	205	UG/KG	5	L	
														TFLUORANT	205	UG/KG	5	L	
														INDEN123	205	UG/KG	10	L	
														PHENANTH	205	UG/KG	5	L	
														TACENAPH	205	UG/KG	5	L	
														TANTHRAC	205	UG/KG	5	L	
														TRENZPYR	205	UG/KG	5	L	
														TBENZFLR	205	UG/KG	10	L	
														TDIBZAMA	205	UG/KG	10	L	
														FLUORENE	205	UG/KG	5	L	
														TNAPHTHAL	205	UG/KG	5	L	
														TPYRENE	205	UG/KG	5	L	
XIF4715	890410	1155	14	2139997	BIOTA	1 POOLED	BA	0	3914400		7621280								
														TBUTBEP	54	UG/KG	5	L	
														TDIOCTYL	54	UG/KG	5	L	
														TDI2THP	54	UG/KG	350	L	
														TDIBUPTH	54	UG/KG	5	L	
														TDIETPTH	54	UG/KG	5	L	
														TDINEPTH	54	UG/KG	5	L	
XIF4715	890410	1155	14	2139997	BIOTA	1 POOLED	BA	0	3914400		7621280								
														TCHROMUM	29	MG/KG	7	L	
														TJRDN	40	MG/KG	320	L	
														TMAAGAN	45	MG/KG	70	L	
														TCOPPER	51	MG/KG	6	L	
														TNICKEL	34	MG/KG	2	L	
														TZINC	48	MG/KG	5	L	

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STATION	DATE	TIME	DEPTH FT	BASIN	MEDIA CLASS	SUB	SAMPLE METHOD	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE									
														MEDIA	PHYLUM	CLASS	SPECIES	PARAMETER	METHOD	UNITS	VALUE	REM
XIF4715	890410	1155	14	2139997	BIOTA	1	POOLED	BA			3914400	7621280										
					BIOTA									53	UG/KG	1000	L					
					BIOTA									53	UG/KG	1000	L					
					BIOTA									53	UG/KG	2000	L					
					BIOTA									53	UG/KG	1000	L					
					BIOTA									53	UG/KG	1000	L					
					BIOTA									53	UG/KG	1000	L					
					BIOTA									53	UG/KG	1000	L					
					BIOTA									53	UG/KG	1000	L					
					BIOTA									53	UG/KG	1000	L					
					BIOTA									53	UG/KG	2000	L					
					BIOTA									53	UG/KG	2000	L					
					BIOTA									53	UG/KG	2000	L					
					BIOTA									53	UG/KG	2000	L					
					BIOTA									53	UG/KG	2000	L					
					BIOTA									53	UG/KG	10000	L					
					BIOTA									53	UG/KG	2000	L					
					BIOTA									53	UG/KG	10000	L					
XIF4715	890410	1155	14	2139997	BIOTA	1	POOLED	BA			3914400	7621280										
					BIOTA									205	UG/KG	1000	L					
					BIOTA									205	UG/KG	1000	L					
					BIOTA									205	UG/KG	1000	L					
					BIOTA									205	UG/KG	2000	L					
					BIOTA									205	UG/KG	2000	L					
					BIOTA									205	UG/KG	1000	L					
					BIOTA									205	UG/KG	1000	L					
					BIOTA									205	UG/KG	1000	L					
					BIOTA									205	UG/KG	1000	L					
					BIOTA									205	UG/KG	1000	L					
					BIOTA									205	UG/KG	1000	L					
					BIOTA									205	UG/KG	1000	L					
					BIOTA									205	UG/KG	1000	L					
					BIOTA									205	UG/KG	1000	L					
XIF4715	890410	1155	14	2139997	BIOTA	1	POOLED	BA			3914400	7621280										
					BIOTA									54	UG/KG	1000	L					
					BIOTA									54	UG/KG	1000	L					
					BIOTA									54	UG/KG	10000	L					
					BIOTA									54	UG/KG	1000	L					
					BIOTA									54	UG/KG	1000	L					
					BIOTA									54	UG/KG	1000	L					
XIF4715	890410	1155	14	2139997	BIOTA	1	POOLED	BA			3914400	7621280										
					BIOTA									29	MG/KG	60	L					
					BIOTA									48	MG/KG	870	L					
					BIOTA									45	MG/KG	60	L					
					BIOTA									51	MG/KG	60	L					
					BIOTA									34	MG/KG	60	L					
					BIOTA									48	MG/KG	70	L					

checked  
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STATION	DATE	TIME	DEPTH	BASIN	MEDIA	SUB	SAMPLE	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE				
			FT		CLASS		METHOD										
X165405	890410	1330	14	2139997	BIOTA	1	POOLED	BA	0	3915230	7620280						
					BIOTA					BRACKISH WATER CLAM	ALDRIN	53	UG/KG	1			L
					BIOTA					BRACKISH WATER CLAM	TALF-BHC	53	UG/KG	1			L
					BIOTA					BRACKISH WATER CLAM	TATRAZIN	53	UG/KG	2			L
					BIOTA					BRACKISH WATER CLAM	TRET-BHC	53	UG/KG	1			L
					BIOTA					BRACKISH WATER CLAM	TLINDANE	53	UG/KG	1			L
					BIOTA					BRACKISH WATER CLAM	YCHLDANE	53	UG/KG	10			L
					BIOTA					BRACKISH WATER CLAM	DDD	53	UG/KG	1			L
					BIOTA					BRACKISH WATER CLAM	DDE	53	UG/KG	1			L
					BIOTA					BRACKISH WATER CLAM	TOTALDDY	53	UG/KG	1			L
					BIOTA					BRACKISH WATER CLAM	TDIAZNON	53	UG/KG	2			L
					BIOTA					BRACKISH WATER CLAM	TDIELDRN	53	UG/KG	1			L
					BIOTA					BRACKISH WATER CLAM	TENDRIN	53	UG/KG	1			L
					BIOTA					BRACKISH WATER CLAM	TETHLPAR	53	UG/KG	2			L
					BIOTA					BRACKISH WATER CLAM	THEPTCHL	53	UG/KG	2			L
					BIOTA					BRACKISH WATER CLAM	THPTCLEP	53	UG/KG	1			L
					BIOTA					BRACKISH WATER CLAM	LINURON	53	UG/KG	2			L
					BIOTA					BRACKISH WATER CLAM	TMALATHN	53	UG/KG	2			L
					BIOTA					BRACKISH WATER CLAM	THETHPAR	53	UG/KG	2			L
					BIOTA					BRACKISH WATER CLAM	TTOXAPHEN	53	UG/KG	10			L
					BIOTA					BRACKISH WATER CLAM	TRIFLURALINE	53	UG/KG	2			L
					BIOTA					BRACKISH WATER CLAM	TPCRS	53	UG/KG	100			L
X165405	890410	1330	14	2139997	BIOTA	1	POOLED	BA	0	3915230	7620280						
					BIOTA					BRACKISH WATER CLAM	T34R20FL	205	UG/KG	1			L
					BIOTA					BRACKISH WATER CLAM	TACENPTH	205	UG/KG	1			L
					BIOTA					BRACKISH WATER CLAM	TREYZANT	205	UG/KG	1			L
					BIOTA					BRACKISH WATER CLAM	TBZGHP	205	UG/KG	2			L
					BIOTA					BRACKISH WATER CLAM	TCHRYSEN	205	UG/KG	1			L
					BIOTA					BRACKISH WATER CLAM	TFLUORANT	205	UG/KG	1			L
					BIOTA					BRACKISH WATER CLAM	INDEN123	205	UG/KG	2			L
					BIOTA					BRACKISH WATER CLAM	PHENANTH	205	UG/KG	1			L
					BIOTA					BRACKISH WATER CLAM	TACENAPH	205	UG/KG	1			L
					BIOTA					BRACKISH WATER CLAM	TANTHRAC	205	UG/KG	1			L
					BIOTA					BRACKISH WATER CLAM	TBENZPYR	205	UG/KG	1			L
					BIOTA					BRACKISH WATER CLAM	TBENZFLR	205	UG/KG	2			L
					BIOTA					BRACKISH WATER CLAM	TDIBZAMA	205	UG/KG	2			L
					BIOTA					BRACKISH WATER CLAM	FLUDRENE	205	UG/KG	1			L
					BIOTA					BRACKISH WATER CLAM	TNAPHTHAL	205	UG/KG	1			L
					BIOTA					BRACKISH WATER CLAM	TPYRENE	205	UG/KG	1			L
X165405	890410	1330	14	2139997	BIOTA	1	POOLED	BA	0	3915230	7620280						
					BIOTA					BRACKISH WATER CLAM	TBUT8EP	54	UG/KG	1			L
					BIOTA					BRACKISH WATER CLAM	TDIOCTYL	54	UG/KG	1			L
					BIOTA					BRACKISH WATER CLAM	TDI2ETRP	54	UG/KG	10			L
					BIOTA					BRACKISH WATER CLAM	TDIBUPTH	54	UG/KG	1			L
					BIOTA					BRACKISH WATER CLAM	TDIETPTH	54	UG/KG	1			L
					BIOTA					BRACKISH WATER CLAM	TDIMEPTH	54	UG/KG	1			L
X165405	890410	1330	14	2139997	BIOTA	1	POOLED	BA	0	3915230	7620280						
					BIOTA					BRACKISH WATER CLAM	TCHROMUM	29	MG/KG	2			L
					BIOTA					BRACKISH WATER CLAM	TIRON	40	MG/KG	27			L
					BIOTA					BRACKISH WATER CLAM	TMANGAN	45	MG/KG	2			L
					BIOTA					BRACKISH WATER CLAM	TCOPPER	51	MG/KG	2			L
					BIOTA					BRACKISH WATER CLAM	TRICKEL	34	MG/KG	5			L
					BIOTA					BRACKISH WATER CLAM	TZINC	48	MG/KG	14			L

*checked  
03/10/07*

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STATION	DATE	TIME	DEPTH FT	HASH	MEDIA CLASS	SUB METHOD	SAMPLE MEDIA	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE	PARAMETER	METHOD	UNITS	VALUE	REM
XIF5710	890410	1435	5	2139497	BIOTA	1 POOLED	BA		0		3915390	7620570						
														ALDRIN	53	UG/KG	1	L
														TALP-BHC	53	UG/KG	1	L
														YATRAZIN	53	UG/KG	2	L
														TBET-BHC	53	UG/KG	1	L
														TLINDANE	53	UG/KG	1	L
														YCHLDANE	53	UG/KG	10	L
														DDD	53	UG/KG	1	L
														DOE	53	UG/KG	1	L
														TOTALDDY	53	UG/KG	1	L
														TDIAZNON	53	UG/KG	2	L
														TDIELDRN	53	UG/KG	1	L
														TENDRIN	53	UG/KG	1	L
														TETHLPAR	53	UG/KG	2	L
														THEPTCHL	53	UG/KG	2	L
														THPTCLEP	53	UG/KG	1	L
														LINURON	53	UG/KG	2	L
														TMALATHN	53	UG/KG	2	L
														THETHPAR	53	UG/KG	2	L
														TTOXAPHEN	53	UG/KG	10	L
														TRIFLURALINE	53	UG/KG	2	L
														TPCBS	53	UG/KG	100	L
XIF5710	890410	1405	5	2139997	BIOTA	1 POOLED	BA		0		3915390	7620570						
														T34PZOFL	205	UG/KG	1	L
														TACENPTH	205	UG/KG	1	L
														TRENZANT	205	UG/KG	1	L
														TBZGHIP	205	UG/KG	2	L
														TCHRYSEN	205	UG/KG	1	L
														TFLUORANT	205	UG/KG	1	L
														INDEN123	205	UG/KG	2	L
														PHENANTH	205	UG/KG	1	L
														TACENAPH	205	UG/KG	1	L
														TANTHRAC	205	UG/KG	1	L
														TBENZPYR	205	UG/KG	1	L
														TBENZFLR	205	UG/KG	2	L
														TDIBZAMA	205	UG/KG	2	L
														FLUORENE	205	UG/KG	1	L
														TNAPHTHAL	205	UG/KG	1	L
														TPYRENE	205	UG/KG	1	L
XIF5710	890410	1405	5	2139997	BIOTA	1 POOLED	BA		0		3915390	7620570						
														TBUTBEP	54	UG/KG	1	L
														TDIOCTYL	54	UG/KG	1	L
														TDI2ETHP	54	UG/KG	10	L
														TDIBUPTH	54	UG/KG	1	L
														TDIETPTH	54	UG/KG	1	L
														TDIHEPTH	54	UG/KG	1	L
XIF5710	890410	1405	5	2139997	BIOTA	1 POOLED	BA		0		3915390	7620570						
														TCHROMUM	29	MG/KG	2	L
														TIRON	40	MG/KG	57	L
														TMANGAN	45	MG/KG	18	L
														TCOPPER	51	MG/KG	2	L
														TNICKEL	34	MG/KG	12	L
														TZINC	48	MG/KG	14	L

*Checked  
03/12/07*

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STATION	DATE	TIME	DEPTH	BASIN	MEDIA	SUR	SAMPLE	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE		
			FT		CLASS		METHOD								
														VALUE	REM
X167689	890410	1440	11	2139997	BIOTA	1	POOLED	BA	0		3916580	7618510			
					BIOTA					BRACKISH WATER CLAM		ALDRIN	53 UG/KG	1	L
					BIOTA					BRACKISH WATER CLAM		TALP-BHC	53 UG/KG	1	L
					BIOTA					BRACKISH WATER CLAM		TATRAZIN	53 UG/KG	2	L
					BIOTA					BRACKISH WATER CLAM		TRCY-BHC	53 UG/KG	1	L
					BIOTA					BRACKISH WATER CLAM		TLINDANE	53 UG/KG	1	L
					BIOTA					BRACKISH WATER CLAM		TCHLDANE	53 UG/KG	10	L
					BIOTA					BRACKISH WATER CLAM		DDD	53 UG/KG	1	L
					BIOTA					BRACKISH WATER CLAM		DDE	53 UG/KG	1	L
					BIOTA					BRACKISH WATER CLAM		TDYALDDY	53 UG/KG	1	L
					BIOTA					BRACKISH WATER CLAM		TDIAZNON	53 UG/KG	2	L
					BIOTA					BRACKISH WATER CLAM		TDIELORN	53 UG/KG	1	L
					BIOTA					BRACKISH WATER CLAM		YENDRIN	53 UG/KG	1	L
					BIOTA					BRACKISH WATER CLAM		YETMLPAR	53 UG/KG	2	L
					BIOTA					BRACKISH WATER CLAM		THEPTCHL	53 UG/KG	2	L
					BIOTA					BRACKISH WATER CLAM		THPYCLEP	53 UG/KG	1	L
					BIOTA					BRACKISH WATER CLAM		LINURON	53 UG/KG	2	L
					BIOTA					BRACKISH WATER CLAM		TMALATHN	53 UG/KG	2	L
					BIOTA					BRACKISH WATER CLAM		YHETHPRK	53 UG/KG	2	L
					BIOTA					BRACKISH WATER CLAM		TTOXAPHEN	53 UG/KG	10	L
					BIOTA					BRACKISH WATER CLAM		TRIFLURALINE	53 UG/KG	2	L
					BIOTA					BRACKISH WATER CLAM		YPCBS	53 UG/KG	100	L
X167689	890410	1440	11	2139997	BIOTA	1	POOLED	BA	0		3916580	7618510			
					BIOTA					BRACKISH WATER CLAM		T34BZ0FL	205 UG/KG	1	L
					BIOTA					BRACKISH WATER CLAM		TACENPTH	205 UG/KG	1	L
					BIOTA					BRACKISH WATER CLAM		TRENZANT	205 UG/KG	1	L
					BIOTA					BRACKISH WATER CLAM		TBZGHIP	205 UG/KG	2	L
					BIOTA					BRACKISH WATER CLAM		YCHRYSEN	205 UG/KG	1	L
					BIOTA					BRACKISH WATER CLAM		TFLUORANT	205 UG/KG	1	L
					BIOTA					BRACKISH WATER CLAM		INDEN123	205 UG/KG	2	L
					BIOTA					BRACKISH WATER CLAM		PHENANTH	205 UG/KG	1	L
					BIOTA					BRACKISH WATER CLAM		TACENAPH	205 UG/KG	1	L
					BIOTA					BRACKISH WATER CLAM		TANTHRAC	205 UG/KG	1	L
					BIOTA					BRACKISH WATER CLAM		TBENZPYR	205 UG/KG	1	L
					BIOTA					BRACKISH WATER CLAM		TBENZFLR	205 UG/KG	2	L
					BIOTA					BRACKISH WATER CLAM		TDIBZAH	205 UG/KG	2	L
					BIOTA					BRACKISH WATER CLAM		FLUORENE	205 UG/KG	1	L
					BIOTA					BRACKISH WATER CLAM		TNAPHTHAL	205 UG/KG	1	L
					BIOTA					BRACKISH WATER CLAM		TPYRENE	205 UG/KG	1	L
X167689	890410	1440	11	2139997	BIOTA	1	POOLED	BA	0		3916580	7618510			
					BIOTA					BRACKISH WATER CLAM		YBUTBEP	54 UG/KG	1	L
					BIOTA					BRACKISH WATER CLAM		TDIOCTYL	54 UG/KG	1	L
					BIOTA					BRACKISH WATER CLAM		TDI2ETHP	54 UG/KG	10	L
					BIOTA					BRACKISH WATER CLAM		TDIBUPTH	54 UG/KG	1	L
					BIOTA					BRACKISH WATER CLAM		TDIETPTH	54 UG/KG	1	L
X167689	890410	1440	11	2139997	BIOTA	1	POOLED	BA	0		3916580	7618510			
					BIOTA					BRACKISH WATER CLAM		TCHROMUM	29 MG/KG	9	
					BIOTA					BRACKISH WATER CLAM		TIRON	40 MG/KG	12300	
					BIOTA					BRACKISH WATER CLAM		TMANGAN	45 MG/KG	1020	
					BIOTA					BRACKISH WATER CLAM		TCOPPER	51 MG/KG	940	
					BIOTA					BRACKISH WATER CLAM		TNICKEL	34 MG/KG	1830	
					BIOTA					BRACKISH WATER CLAM		TZINC	48 MG/KG	67	

checked  
 03/10/07  
 Sample 1

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STATION	DATE	TIME	DEPTH	BASIN	MEDIA	SUR	SAMPLE	CITY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE
			FT		CLASS		METHOD						
X167689	890410	1440	11	2139997	BIOTA	1	POOLED	HA	0		3916580	7618510	
					BIOTA					BRACKISH WATER CLAM		ALDIPIN	53
					BIOTA					BRACKISH WATER CLAM		TALP-BMC	53
					BIOTA					BRACKISH WATER CLAM		TARAZIN	53
					BIOTA					BRACKISH WATER CLAM		TBET-BMC	53
					BIOTA					BRACKISH WATER CLAM		TINDANE	53
					BIOTA					BRACKISH WATER CLAM		TCHLDANE	53
					BIOTA					BRACKISH WATER CLAM		DDD	53
					BIOTA					BRACKISH WATER CLAM		DDD	53
					BIOTA					BRACKISH WATER CLAM		TOTALDDBY	53
					BIOTA					BRACKISH WATER CLAM		TDIAZNON	53
					BIOTA					BRACKISH WATER CLAM		TOIELDON	53
					BIOTA					BRACKISH WATER CLAM		TENDRIN	53
					BIOTA					BRACKISH WATER CLAM		TETHPAR	53
					BIOTA					BRACKISH WATER CLAM		TETHPAR	53
					BIOTA					BRACKISH WATER CLAM		THEPTCPL	53
					BIOTA					BRACKISH WATER CLAM		TRPTCLEP	53
					BIOTA					BRACKISH WATER CLAM		LIWUROW	53
					BIOTA					BRACKISH WATER CLAM		TALATRN	53
					BIOTA					BRACKISH WATER CLAM		TMETPAR	53
					BIOTA					BRACKISH WATER CLAM		TTOXAPHEN	53
					BIOTA					BRACKISH WATER CLAM		TRIFLURALIN	53
					BIOTA					BRACKISH WATER CLAM		TPCBS	53
					BIOTA					BRACKISH WATER CLAM		TPCBS	53
X167689	890410	1440	11	2139997	BIOTA	1	POOLED	HA	0		3916580	7618510	
					BIOTA					BRACKISH WATER CLAM		TS9520FL	205
					BIOTA					BRACKISH WATER CLAM		TACENPTN	205
					BIOTA					BRACKISH WATER CLAM		TRENZANT	205
					BIOTA					BRACKISH WATER CLAM		TBZGHIP	205
					BIOTA					BRACKISH WATER CLAM		TCHRYSEN	205
					BIOTA					BRACKISH WATER CLAM		TFLUORANT	205
					BIOTA					BRACKISH WATER CLAM		TINDEN123	205
					BIOTA					BRACKISH WATER CLAM		TPECNANTH	205
					BIOTA					BRACKISH WATER CLAM		TACENAPH	205
					BIOTA					BRACKISH WATER CLAM		TANTHRAC	205
					BIOTA					BRACKISH WATER CLAM		TBENZPYR	205
					BIOTA					BRACKISH WATER CLAM		TBENZFLR	205
					BIOTA					BRACKISH WATER CLAM		TDBZAZNA	205
					BIOTA					BRACKISH WATER CLAM		TFUDRENE	205
					BIOTA					BRACKISH WATER CLAM		TNAPHTHAL	205
					BIOTA					BRACKISH WATER CLAM		TYRENE	205
X167689	890410	1440	11	2139997	BIOTA	1	POOLED	HA	0		3916580	7618510	
					BIOTA					BRACKISH WATER CLAM		TBUTBEP	54
					BIOTA					BRACKISH WATER CLAM		TDIOCTYL	54
					BIOTA					BRACKISH WATER CLAM		TDIZETHP	54
					BIOTA					BRACKISH WATER CLAM		TDIBDPTM	54
					BIOTA					BRACKISH WATER CLAM		TDIETPTM	54
					BIOTA					BRACKISH WATER CLAM		TDIEMPTM	54
X167689	890410	1440	11	2139997	BIOTA	1	POOLED	HA	0		3916580	7618510	
					BIOTA					BRACKISH WATER CLAM		TCHROMUM	29
					BIOTA					BRACKISH WATER CLAM		TYROM	40
					BIOTA					BRACKISH WATER CLAM		TANASAM	45
					BIOTA					BRACKISH WATER CLAM		TCOPPER	51
					BIOTA					BRACKISH WATER CLAM		TMTKTL	31
					BIOTA					BRACKISH WATER CLAM		TZINC	46

*Checked  
03/11/91  
L.P.*

STATION	DATE	TIME	DEPTH FT	BASIN	MEDIA CLASS	SUR METHOD	SAMPLE MEDIA	CTY PHYLUM	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE	PARAMETER	METHOD	UNITS	VALUE	REM
XIF5727	890410	1600	10	2139997	BIOTA	1	POOLED	BA	0		3915440	7622440						
														ALDRIN	53	UG/KG	1	L
														TALP-PHC	53	UG/KG	1	L
														TATRAZIN	53	UG/KG	2	L
														TBCT-BHC	53	UG/KG	1	L
														TLINDANE	53	UG/KG	1	L
														TCMLDANE	53	UG/KG	300	
														DDD	53	UG/KG	1	L
														DDE	53	UG/KG	1	L
														TOTALDDT	53	UG/KG	1	L
														TDIAZNON	53	UG/KG	2	L
														TDIELDRN	53	UG/KG	1	L
														TENDRIN	53	UG/KG	1	L
														TETPLPAR	53	UG/KG	2	L
														THEPTCHL	53	UG/KG	2	L
														THPYCLEP	53	UG/KG	1	L
														LINURON	53	UG/KG	2	L
														THALATHM	53	UG/KG	2	L
														THETHPAR	53	UG/KG	2	L
														TYOXAPHEN	53	UG/KG	10	L
														TRIFLURALINE	53	UG/KG	2	L
														TPCBS	53	UG/KG	750	
XIF5727	890410	1600	10	2139997	BIOTA	1	POOLED	BA	0		3915440	7622440						
														T34RZOFL	205	UG/KG	1	L
														TACENPTH	205	UG/KG	1	L
														TRENZANT	205	UG/KG	1	L
														TBZGHIP	205	UG/KG	2	L
														TCHRYSEN	205	UG/KG	1	L
														TFLUORANT	205	UG/KG	1	L
														INDEN123	205	UG/KG	2	L
														PHENANTH	205	UG/KG	1	L
														TACENAPH	205	UG/KG	1	L
														TANTHRAC	205	UG/KG	1	L
														TBENZPYR	205	UG/KG	1	L
														TBENZFLR	205	UG/KG	2	L
														TDIBZANA	205	UG/KG	2	L
														FLUORENE	205	UG/KG	1	L
														TNAPHTHAL	205	UG/KG	1	L
														TPYRENE	205	UG/KG	1	L
XIF5727	890410	1600	10	2139997	BIOTA	1	POOLED	BA	0		3915440	7622440						
														T8UTBEP	54	UG/KG	1	L
														TDIOCTYL	54	UG/KG	1	L
														TDI2ETHP	54	UG/KG	10	L
														TDIBUPTH	54	UG/KG	300	
														TDIETPTH	54	UG/KG	1	L
														TDIREPTH	54	UG/KG	1	L
XIF5727	890410	1600	10	2139997	BIOTA	1	POOLED	BA	0		3915440	7622440						
														TCHORUM	29	MG/KG	2	L
														TIRON	40	MG/KG	84	
														TMANGAN	45	MG/KG	13	
														TCOPPER	51	MG/KG	2	L
														TNICKEL	34	MG/KG	2	L
														TZINC	48	MG/KG	13	

Checked  
03/10/07  
Sample 1

313

STATION	DATE	TIME	DEPTH	BASIN	MEDIA	SUB	SAMPLE	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE						
			FT		CLASS		METHOD												
											MEDIA	PHYLUM	CLASS	SPECIES	PARAMETER	METHOD	UNITS	VALUE	REM
XIF5727	890*10	1630	10	2139997	BIOTA	1	POOLED	BA			3915440	7622440							
											BIOTA	WHITE PERCH		ALDRIN	53	UG/KG	1	L	
											BIOTA	WHITE PERCH		TALP-BMC	53	UG/KG	1	L	
											BIOTA	WHITE PERCH		TATRAZIN	53	UG/KG	2	L	
											BIOTA	WHITE PERCH		TRET-BMC	53	UG/KG	1	L	
											BIOTA	WHITE PERCH		TLINDANE	53	UG/KG	1	L	
											BIOTA	WHITE PERCH		TCHLDANE	53	UG/KG	350	L	
											BIOTA	WHITE PERCH		DDO	53	UG/KG	1	L	
											BIOTA	WHITE PERCH		DOE	53	UG/KG	1	L	
											BIOTA	WHITE PERCH		TOTALDDT	53	UG/KG	1	L	
											BIOTA	WHITE PERCH		TDIAZNON	53	UG/KG	2	L	
											BIOTA	WHITE PERCH		TDIELDRN	53	UG/KG	1	L	
											BIOTA	WHITE PERCH		TENDRIN	53	UG/KG	1	L	
											BIOTA	WHITE PERCH		TETMPAR	53	UG/KG	2	L	
											BIOTA	WHITE PERCH		THEPTCHL	53	UG/KG	2	L	
											BIOTA	WHITE PERCH		THPTCEP	53	UG/KG	1	L	
											BIOTA	WHITE PERCH		LINURON	53	UG/KG	2	L	
											BIOTA	WHITE PERCH		TMALATHN	53	UG/KG	2	L	
											BIOTA	WHITE PERCH		TMETHPAR	53	UG/KG	2	L	
											BIOTA	WHITE PERCH		TTOXAPHEN	53	UG/KG	10	L	
											BIOTA	WHITE PERCH		TRIFLURALIN	53	UG/KG	2	L	
											BIOTA	WHITE PERCH		TPCRS	53	UG/KG	800	L	
XIF5727	890*10	1600	10	2139997	BIOTA	1	POOLED	BA			3915440	7622440							
											BIOTA	WHITE PERCH		T34B20FL	205	UG/KG	1	L	
											BIOTA	WHITE PERCH		TACENPTH	205	UG/KG	1	L	
											BIOTA	WHITE PERCH		TRENZANT	205	UG/KG	1	L	
											BIOTA	WHITE PERCH		TRZGHP	205	UG/KG	2	L	
											BIOTA	WHITE PERCH		TCHRYSEN	205	UG/KG	1	L	
											BIOTA	WHITE PERCH		TFLUORANT	205	UG/KG	1	L	
											BIOTA	WHITE PERCH		INDEN123	205	UG/KG	2	L	
											BIOTA	WHITE PERCH		PHENANTH	205	UG/KG	1	L	
											BIOTA	WHITE PERCH		TACENAPH	205	UG/KG	1	L	
											BIOTA	WHITE PERCH		TACTHRAC	205	UG/KG	1	L	
											BIOTA	WHITE PERCH		TBENZPYR	205	UG/KG	1	L	
											BIOTA	WHITE PERCH		TBENZFLR	205	UG/KG	2	L	
											BIOTA	WHITE PERCH		TDIRZAH	205	UG/KG	2	L	
											BIOTA	WHITE PERCH		FLUDRENE	205	UG/KG	1	L	
											BIOTA	WHITE PERCH		TNAPHTHAL	205	UG/KG	1	L	
											BIOTA	WHITE PERCH		TPYRENE	205	UG/KG	1	L	
XIF5727	890*10	1600	10	2139997	BIOTA	1	POOLED	BA			3915440	7622440							
											BIOTA	WHITE PERCH		TBUTBEP	54	UG/KG	1	L	
											BIOTA	WHITE PERCH		TDIOCTYL	54	UG/KG	1	L	
											BIOTA	WHITE PERCH		TDI2ETHP	54	UG/KG	4200	L	
											BIOTA	WHITE PERCH		TDIBUPTH	54	UG/KG	1	L	
											BIOTA	WHITE PERCH		TDIETPTM	54	UG/KG	1	L	
											BIOTA	WHITE PERCH		TDINCPM	54	UG/KG	1	L	
XIF5727	890*10	1600	10	2139997	BIOTA	1	POOLED	BA			3915440	7622440							
											BIOTA	WHITE PERCH		TCHROMUM	29	MG/KG	2	L	
											BIOTA	WHITE PERCH		TIRON	40	MG/KG	22	L	
											BIOTA	WHITE PERCH		TNANGAN	45	MG/KG	4	L	
											BIOTA	WHITE PERCH		TCOPPER	51	MG/KG	4	L	
											BIOTA	WHITE PERCH		TNICKEL	34	MG/KG	6	L	
											BIOTA	WHITE PERCH		TZINC	48	MG/KG	23	L	

Checked  
03/15/07  
Sample 2

314

STATION	DATE	TIME	DEPTH	RASIN	MEDIA	SUR	SAMPLE	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE		
			FT	CLASS	CLASS		METHOD								
							MEDIA	PHYLUM	CLASS	SPECIES	PARAMETER	METHOD	UNITS	VALUE	REN
XIF5727	890410	1650	10	2139997	BIOTA	1	POOLED	RA	0	3915440	7622440				
					BIOTA			YELLOW	PERCH		ALDRIN	53	UG/KG	1	L
					BIOTA			YELLOW	PERCH		TALP-BMC	53	UG/KG	1	L
					BIOTA			YELLOW	PERCH		TATRAZIN	53	UG/KG	2	L
					BIOTA			YELLOW	PERCH		TBET-BMC	53	UG/KG	1	L
					BIOTA			YELLOW	PERCH		TLINDANE	53	UG/KG	1	L
					BIOTA			YELLOW	PERCH		TCHLDANE	53	UG/KG	10	L
					BIOTA			YELLOW	PERCH		DDD	53	UG/KG	1	L
					BIOTA			YELLOW	PERCH		DDC	53	UG/KG	1	L
					BIOTA			YELLOW	PERCH		TOTALDDT	53	UG/KG	1	L
					BIOTA			YELLOW	PERCH		TDIAZNON	53	UG/KG	2	L
					BIOTA			YELLOW	PERCH		TDIELDRN	53	UG/KG	1	L
					BIOTA			YELLOW	PERCH		TENDRIN	53	UG/KG	1	L
					BIOTA			YELLOW	PERCH		TETHLPAR	53	UG/KG	2	L
					BIOTA			YELLOW	PERCH		THEPTCHL	53	UG/KG	2	L
					BIOTA			YELLOW	PERCH		THPTCLCP	53	UG/KG	1	L
					BIOTA			YELLOW	PERCH		LINURON	53	UG/KG	2	L
					BIOTA			YELLOW	PERCH		TMALATHN	53	UG/KG	2	L
					BIOTA			YELLOW	PERCH		TMETHPAR	53	UG/KG	2	L
					BIOTA			YELLOW	PERCH		TTOXAPHEN	53	UG/KG	10	L
					BIOTA			YELLOW	PERCH		TRIFLURALINE	53	UG/KG	2	L
					BIOTA			YELLOW	PERCH		TPCBS	53	UG/KG	100	L
XIF5727	890410	1600	10	2139997	BIOTA	1	POOLED	RA	0	3915440	7622440				
					BIOTA			YELLOW	PERCH		T34B2OFL	205	UG/KG	1	L
					BIOTA			YELLOW	PERCH		TACENPTH	205	UG/KG	1	L
					BIOTA			YELLOW	PERCH		TRENZANT	205	UG/KG	1	L
					BIOTA			YELLOW	PERCH		TRZGHIP	205	UG/KG	2	L
					BIOTA			YELLOW	PERCH		TCHRYSEN	205	UG/KG	1	L
					BIOTA			YELLOW	PERCH		TFLUORANT	205	UG/KG	1	L
					BIOTA			YELLOW	PERCH		INDEN123	205	UG/KG	2	L
					BIOTA			YELLOW	PERCH		PHEVANTH	205	UG/KG	1	L
					BIOTA			YELLOW	PERCH		TACENAPH	205	UG/KG	1	L
					BIOTA			YELLOW	PERCH		TANTHRAC	205	UG/KG	1	L
					BIOTA			YELLOW	PERCH		TBENZPYR	205	UG/KG	1	L
					BIOTA			YELLOW	PERCH		TBENZFLR	205	UG/KG	2	L
					BIOTA			YELLOW	PERCH		TDIBZAMA	205	UG/KG	2	L
					BIOTA			YELLOW	PERCH		FLUDRENE	205	UG/KG	1	L
					BIOTA			YELLOW	PERCH		TNAPHTHAL	205	UG/KG	1	L
					BIOTA			YELLOW	PERCH		TPYRENE	205	UG/KG	1	L
XIF5727	890410	1600	10	2139997	BIOTA	1	POOLED	RA	0	3915440	7622440				
					BIOTA			YELLOW	PERCH		TRUBEP	54	UG/KG	1	L
					BIOTA			YELLOW	PERCH		TDIOCTYL	54	UG/KG	1	L
					BIOTA			YELLOW	PERCH		TDI2ETHP	54	UG/KG	900	L
					BIOTA			YELLOW	PERCH		TDIBUPTH	54	UG/KG	1	L
					BIOTA			YELLOW	PERCH		TDIEPTH	54	UG/KG	1	L
					BIOTA			YELLOW	PERCH		TDIHEPTH	54	UG/KG	1	L
XIF5727	890410	1600	10	2139997	BIOTA	1	POOLED	RA	0	3915440	7622440				
					BIOTA			YELLOW	PERCH		TCHROMUM	29	MG/KG	2	L
					BIOTA			YELLOW	PERCH		TIRON	40	MG/KG	10	L
					BIOTA			YELLOW	PERCH		TMANGAN	45	MG/KG	13	L
					BIOTA			YELLOW	PERCH		TCOPPER	51	MG/KG	2	L
					BIOTA			YELLOW	PERCH		TNICKEL	34	MG/KG	2	L
					BIOTA			YELLOW	PERCH		TZINC	48	MG/KG	13	L

*Checked  
03/10/07*

**315**

STATION	DATE	TIME	DEPTH FT	BASIN	MEDIA CLASS	SUB	SAMPLE METHOD	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE													
														MEDIA	PHYLUM	CLASS	SPECIES	PARAMETER	METHOD	UNITS	VALUE	REN				
X165704	890410	1625	15	2139997	BIOTA	1	POOLED	RA		0	3915440	7620220														
																					UG/KG	1		L		
																					UG/KG	1		L		
																					UG/KG	2		L		
																					UG/KG	1		L		
																					UG/KG	1		L		
																					UG/KG	130		L		
																					UG/KG	1		L		
																					UG/KG	1		L		
																					UG/KG	2		L		
																					UG/KG	1		L		
																					UG/KG	2		L		
																					UG/KG	1		L		
																					UG/KG	2		L		
																					UG/KG	2		L		
																					UG/KG	10		L		
																					UG/KG	2		L		
																					UG/KG	300		L		
X165704	890410	1625	15	2139997	BIOTA	1	POOLED	BA		0	3915440	7620220														
																					UG/KG	1		L		
																					UG/KG	1		L		
																					UG/KG	1		L		
																					UG/KG	2		L		
																					UG/KG	1		L		
																					UG/KG	1		L		
																					UG/KG	2		L		
																					UG/KG	1		L		
																					UG/KG	1		L		
																					UG/KG	1		L		
																					UG/KG	2		L		
																					UG/KG	1		L		
																					UG/KG	2		L		
																					UG/KG	1		L		
																					UG/KG	1		L		
X165704	890410	1625	15	2139997	BIOTA	1	POOLED	BA		0	3915440	7620220														
																					UG/KG	54		L		
																					UG/KG	1		L		
																					UG/KG	450		L		
																					UG/KG	200		L		
																					UG/KG	1		L		
																					UG/KG	1		L		
X165704	890410	1625	15	2139997	BIOTA	1	POOLED	BA		0	3915440	7620220														
																					MG/KG	2		L		
																					MG/KG	14		L		
																					MG/KG	2		L		
																					MG/KG	2		L		
																					MG/KG	2		L		
																					MG/KG	19		L		

Checked  
6/31/07  
Sample

316



STATION	DATE	TIME	DEPTH FT	BASIN	MEDIA CLASS	SUB METHOD	SAMPLE METHOD	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE	PARAMETER	METHOD	UNITS	VALUE	REM
X165704	890410	1625	15	2139997	BIOTA	I	POOLED	BA			3915440	7620220						
														ALDRIN	53	UG/KG	1	L
														TALP-BMC	53	UG/KG	1	L
														TATRAZIN	53	UG/KG	2	L
														TBET-BMC	53	UG/KG	1	L
														TLINDANE	53	UG/KG	1	L
														YCHLORANE	53	UG/KG	200	
														DDD	53	UG/KG	1	L
														DDE	53	UG/KG	1	L
														TOTALDDT	53	UG/KG	1	L
														TDIAZNON	53	UG/KG	2	L
														TDIELDRN	53	UG/KG	1	L
														TENDRIN	53	UG/KG	1	L
														TETHLPAR	53	UG/KG	2	L
														THEPTCHL	53	UG/KG	2	L
														THPTCLEP	53	UG/KG	1	L
														LINURON	53	UG/KG	2	L
														TMALATHN	53	UG/KG	2	L
														TMETMPAR	53	UG/KG	2	L
														TTOXAPHEN	53	UG/KG	15	L
														TRIFLURALINE	53	UG/KG	2	L
														TPCBS	53	UG/KG	1000	L
X165704	890410	1625	15	2139997	BIOTA	I	POOLED	BA			3915440	7620220						
														T34RZDFL	205	UG/KG	1	L
														TACENPTH	205	UG/KG	1	L
														TRENZANT	205	UG/KG	1	L
														TBZGHP	205	UG/KG	2	L
														TCHRYSEN	205	UG/KG	1	L
														TFLUDRANT	205	UG/KG	1	L
														INDEN123	205	UG/KG	2	L
														PHENANTH	205	UG/KG	1	L
														TACENAPH	205	UG/KG	1	L
														TANTHRAC	205	UG/KG	1	L
														TBENZPYR	205	UG/KG	1	L
														TBENZFLR	205	UG/KG	2	L
														TDIBZAMA	205	UG/KG	2	L
														FLOURENE	205	UG/KG	1	L
														TNAPHTHAL	205	UG/KG	1	L
														TPYRENE	205	UG/KG	1	L
X165704	890410	1625	15	2139997	BIOTA	I	POOLED	BA			3915440	7620220						
														TBUTBEP	54	UG/KG	1	L
														TDIOCTYL	54	UG/KG	1	L
														TDI2ETHP	54	UG/KG	10	L
														TDIRUPTH	54	UG/KG	1	L
														ATLANTIC SPADEFISH	17	UG/KG	1	L
														TDIHEPTH	54	UG/KG	1	L
X165704	890410	1625	15	2139997	BIOTA	I	POOLED	BA			3915440	7620220						
														TCHROMUM	29	MG/KG	2	L
														TIRON	40	MG/KG	15	L
														TMANGAN	45	MG/KG	4	L
														TCOPPER	51	MG/KG	2	L
														TNICKEL	34	MG/KG	2	L
														TZINC	48	MG/KG	16	L

*Checked  
03/10/07  
Sample 2*

317

STATION	DATE	TIME	DEPTH	BASIN	MEDIA	SUR	SAMPLE	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE		
			FT		CLASS		METHOD								
							MEDIA	PHYLUM	CLASS	SPECIES	PARAMETER	METHOD	UNITS	VALUE	REM
XIF4516	890410	1642	13	2139997	BIOTA	1	POOLED	NA	0	3914280	7621340				
							BIOTA	WHITE	PERCH	ALDRIN	53	UG/KG	1	L	
							BIOTA	WHITE	PERCH	TALP-BHC	53	UG/KG	1	L	
							BIOTA	WHITE	PERCH	TATRAZIN	53	UG/KG	2	L	
							BIOTA	WHITE	PERCH	TRET-BHC	53	UG/KG	1	L	
							BIOTA	WHITE	PERCH	TLINDANE	53	UG/KG	1	L	
							BIOTA	WHITE	PERCH	TCMLDANE	53	UG/KG	30	L	
							BIOTA	WHITE	PERCH	DDO	53	UG/KG	1	L	
							BIOTA	WHITE	PERCH	DDE	53	UG/KG	1	L	
							BIOTA	WHITE	PERCH	TOTALDDT	53	UG/KG	1	L	
							BIOTA	WHITE	PERCH	TDIAZNON	53	UG/KG	2	L	
							BIOTA	WHITE	PERCH	TDIELDRN	53	UG/KG	1	L	
							BIOTA	WHITE	PERCH	TENDRIN	53	UG/KG	1	L	
							BIOTA	WHITE	PERCH	TETHLPAP	53	UG/KG	2	L	
							BIOTA	WHITE	PERCH	THEPTCHL	53	UG/KG	2	L	
							BIOTA	WHITE	PERCH	THPTCLEP	53	UG/KG	1	L	
							BIOTA	WHITE	PERCH	LINURON	53	UG/KG	2	L	
							BIOTA	WHITE	PERCH	TMALATHN	53	UG/KG	2	L	
							BIOTA	WHITE	PERCH	TMETHPAR	53	UG/KG	2	L	
							BIOTA	WHITE	PERCH	TTOXAPHEN	53	UG/KG	10	L	
							BIOTA	WHITE	PERCH	TRIFLURALINE	53	UG/KG	2	L	
							BIOTA	WHITE	PERCH	TPCBS	53	UG/KG	200	L	
XIF4516	890410	1642	13	2139997	BIOTA	1	POOLED	BA	0	3914280	7621340				
							BIOTA	WHITE	PERCH	TS4B2OFL	205	UG/KG	10	L	
							BIOTA	WHITE	PERCH	TACENPTH	205	UG/KG	10	L	
							BIOTA	WHITE	PERCH	TBENZANT	205	UG/KG	10	L	
							BIOTA	WHITE	PERCH	TBZGHIP	205	UG/KG	20	L	
							BIOTA	WHITE	PERCH	TCHRYSEN	205	UG/KG	10	L	
							BIOTA	WHITE	PERCH	TFLUORANT	205	UG/KG	10	L	
							BIOTA	WHITE	PERCH	INDEN123	205	UG/KG	20	L	
							BIOTA	WHITE	PERCH	PHENANTH	205	UG/KG	10	L	
							BIOTA	WHITE	PERCH	TACENAPH	205	UG/KG	10	L	
							BIOTA	WHITE	PERCH	TANTHPAC	205	UG/KG	10	L	
							BIOTA	WHITE	PERCH	TBENZPYR	205	UG/KG	10	L	
							BIOTA	WHITE	PERCH	TBENZFLR	205	UG/KG	20	L	
							BIOTA	WHITE	PERCH	TDIBZAMA	205	UG/KG	20	L	
							BIOTA	WHITE	PERCH	FLUORENE	205	UG/KG	10	L	
							BIOTA	WHITE	PERCH	TNAPHTHAL	205	UG/KG	10	L	
							BIOTA	WHITE	PERCH	TPYRENE	205	UG/KG	10	L	
XIF4516	890410	1642	13	2139997	BIOTA	1	POOLED	BA	0	3914280	7621340				
							BIOTA	WHITE	PERCH	TBUTBEP	54	UG/KG	10	L	
							BIOTA	WHITE	PERCH	TDIOCTYL	54	UG/KG	10	L	
							BIOTA	WHITE	PERCH	TDIZETHP	54	UG/KG	100	L	
							BIOTA	WHITE	PERCH	TDIRUPTH	54	UG/KG	10	L	
							BIOTA	WHITE	PERCH	TDIETPTH	54	UG/KG	10	L	
							BIOTA	WHITE	PERCH	TDINEPTH	54	UG/KG	10	L	
XIF4516	890410	1642	13	2139997	BIOTA	1	POOLED	BA	0	3914280	7621340				
							BIOTA	WHITE	PERCH	TCHROMUM	29	MG/KG	2	L	
							BIOTA	WHITE	PERCH	TIRON	48	MG/KG	13	L	
							BIOTA	WHITE	PERCH	TMANGAN	45	MG/KG	5	L	
							BIOTA	WHITE	PERCH	TCOPPER	51	MG/KG	2	L	
							BIOTA	WHITE	PERCH	TNICKEL	34	MG/KG	2	L	
							BIOTA	WHITE	PERCH	TZINC	48	MG/KG	26	L	

Checked  
03/10/07  
Sample 1

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STATION	DATE	TIME	DEPTH	HASIN	MEDIA	SUB	SAMPLE	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE			
			FT		CLASS		METHOD									
XIF2743	890410	1735	15	2139997	BIOTA	1	POOLED	BA	0		3912440	7624190				
							BIOTA		WHITE	PERCH		ALDRIN	53	UG/KG	1	L
							BIOTA		WHITE	PERCH		TALP-BMC	53	UG/KG	1	L
							BIOTA		WHITE	PERCH		TATRAZIN	53	UG/KG	2	L
							BIOTA		WHITE	PERCH		TBET-BMC	53	UG/KG	1	L
							BIOTA		WHITE	PERCH		TLINDANE	53	UG/KG	1	L
							BIOTA		WHITE	PERCH		TCHLDAKE	53	UG/KG	200	L
							BIOTA		WHITE	PERCH		DDD	53	UG/KG	1	L
							BIOTA		WHITE	PERCH		DDE	53	UG/KG	1	L
							BIOTA		WHITE	PERCH		TOTALODY	53	UG/KG	1	L
							BIOTA		WHITE	PERCH		TOTAZNOM	53	UG/KG	2	L
							BIOTA		WHITE	PERCH		TDIELDRN	53	UG/KG	1	L
							BIOTA		WHITE	PERCH		TENDRN	53	UG/KG	1	L
							BIOTA		WHITE	PERCH		TCMPLAR	53	UG/KG	2	L
							BIOTA		WHITE	PERCH		THEPTCHL	53	UG/KG	2	L
							BIOTA		WHITE	PERCH		THPTCLEP	53	UG/KG	1	L
							BIOTA		WHITE	PERCH		LINURON	53	UG/KG	2	L
							BIOTA		WHITE	PERCH		THALATHN	53	UG/KG	2	L
							BIOTA		WHITE	PERCH		THETHPAR	53	UG/KG	2	L
							BIOTA		WHITE	PERCH		TTOXAPHEN	53	UG/KG	10	L
							BIOTA		WHITE	PERCH		TRIFLURALIN	53	UG/KG	2	L
							BIOTA		WHITE	PERCH		TPCBS	53	UG/KG	300	L
XIF2743	890410	1700	15	2139997	BIOTA	1	POOLED	BA	0		3912440	7624190				
							BIOTA		WHITE	PERCH		T346Z0FL	205	UG/KG	10	L
							BIOTA		WHITE	PERCH		TACENPTH	205	UG/KG	10	L
							BIOTA		WHITE	PERCH		TRENZANT	205	UG/KG	10	L
							BIOTA		WHITE	PERCH		TBZGHP	205	UG/KG	20	L
							BIOTA		WHITE	PERCH		TCMRYSEN	205	UG/KG	10	L
							BIOTA		WHITE	PERCH		TFLUORANT	205	UG/KG	10	L
							BIOTA		WHITE	PERCH		INDEN123	205	UG/KG	20	L
							BIOTA		WHITE	PERCH		PHENANTH	205	UG/KG	10	L
							BIOTA		WHITE	PERCH		TACENAPH	205	UG/KG	10	L
							BIOTA		WHITE	PERCH		TANTHRAC	205	UG/KG	10	L
							BIOTA		WHITE	PERCH		TRENZPYR	205	UG/KG	10	L
							BIOTA		WHITE	PERCH		TBENZFLR	205	UG/KG	20	L
							BIOTA		WHITE	PERCH		TDIRZANA	205	UG/KG	20	L
							BIOTA		WHITE	PERCH		FLUORENE	205	UG/KG	10	L
							BIOTA		WHITE	PERCH		TNAPHTHAL	205	UG/KG	10	L
							BIOTA		WHITE	PERCH		TPYRENE	205	UG/KG	10	L
XIF2743	890410	1700	15	2139997	BIOTA	1	POOLED	BA	0		3912440	7624190				
							BIOTA		WHITE	PERCH		TBUTBEP	54	UG/KG	10	L
							BIOTA		WHITE	PERCH		TDIOCTYL	54	UG/KG	10	L
							BIOTA		WHITE	PERCH		TDI2ETHP	54	UG/KG	100	L
							BIOTA		WHITE	PERCH		TDIBUPTH	54	UG/KG	10	L
							BIOTA		WHITE	PERCH		TDIETPTH	54	UG/KG	10	L
							BIOTA		WHITE	PERCH		TDIMEPTH	54	UG/KG	10	L
XIF2743	890410	1700	15	2139997	BIOTA	1	POOLED	BA	0		3912440	7624190				
							BIOTA		WHITE	PERCH		TCHROMUM	29	MG/KG	2	L
							BIOTA		WHITE	PERCH		TIRON	40	MG/KG	12	L
							BIOTA		WHITE	PERCH		THANAN	45	MG/KG	15	L
							BIOTA		WHITE	PERCH		TCOPPER	51	MG/KG	2	L
							BIOTA		WHITE	PERCH		TNICKEL	34	MG/KG	2	L
							BIOTA		WHITE	PERCH		TZINC	48	MG/KG	26	L

*Checked  
03/10/67  
Sample 1*

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STATION	DATE	TIME	DEPTH	BASIN	MEDIA	SUB	SAMPL	CTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPLICATE		
			FT		CLASS		METHOD								
							MEDIA	PHYLUM	CLASS	SPECIES	PARAMETER	METHOD	UNITS	VALUE	REM
XIF2743	890410	1700	15	2139997	BIOTA	1	POOLED	RA	0	3912440	7624190				
							BIOTA	WHITE	PERCH		ALDRIN	53	UG/KG	1	L
							BIOTA	WHITE	PERCH		TALP-BHC	53	UG/KG	1	L
							BIOTA	WHITE	PERCH		TATRAZIN	53	UG/KG	2	L
							BIOTA	WHITE	PERCH		TRET-BHC	53	UG/KG	1	L
							BIOTA	WHITE	PERCH		TLINDANE	53	UG/KG	1	L
							BIOTA	WHITE	PERCH		TCMLDANE	53	UG/KG	200	
							BIOTA	WHITE	PERCH		DDD	53	UG/KG	1	L
							BIOTA	WHITE	PERCH		DDE	53	UG/KG	1	L
							BIOTA	WHITE	PERCH		TOTALDDY	53	UG/KG	1	L
							BIOTA	WHITE	PERCH		TDIAZNON	53	UG/KG	2	L
							BIOTA	WHITE	PERCH		TDIELDRN	53	UG/KG	1	L
							BIOTA	WHITE	PERCH		TENDRIN	53	UG/KG	1	L
							BIOTA	WHITE	PERCH		TETHLPAR	53	UG/KG	2	L
							BIOTA	WHITE	PERCH		THEPTCHL	53	UG/KG	2	L
							BIOTA	WHITE	PERCH		TMPTCLEP	53	UG/KG	1	L
							BIOTA	WHITE	PERCH		LINURON	53	UG/KG	2	L
							BIOTA	WHITE	PERCH		TMALATNN	53	UG/KG	2	L
							BIOTA	WHITE	PERCH		TMETHPAR	53	UG/KG	2	L
							BIOTA	WHITE	PERCH		TTOXAPHEN	53	UG/KG	10	L
							BIOTA	WHITE	PERCH		TRIFLURALINE	53	UG/KG	2	L
							BIOTA	WHITE	PERCH		TPCBS	53	UG/KG	1300	
XIF2743	890410	1700	15	2139997	BIOTA	1	POOLED	RA	0	3912440	7624190				
							BIOTA	WHITE	PERCH		T34820FL	205	UG/KG	10	L
							BIOTA	WHITE	PERCH		TACENPTM	205	UG/KG	10	L
							BIOTA	WHITE	PERCH		TBENZANT	205	UG/KG	10	L
							BIOTA	WHITE	PERCH		TRZGHIP	205	UG/KG	20	L
							BIOTA	WHITE	PERCH		TCHRYSEN	205	UG/KG	10	L
							BIOTA	WHITE	PERCH		TFLUORANT	205	UG/KG	10	L
							BIOTA	WHITE	PERCH		INDEN123	205	UG/KG	20	L
							BIOTA	WHITE	PERCH		PHENANTH	205	UG/KG	10	L
							BIOTA	WHITE	PERCH		TACENAPH	205	UG/KG	10	L
							BIOTA	WHITE	PERCH		TANTHRAC	205	UG/KG	10	L
							BIOTA	WHITE	PERCH		TRENZPYR	205	UG/KG	10	L
							BIOTA	WHITE	PERCH		TRENZFLR	205	UG/KG	20	L
							BIOTA	WHITE	PERCH		TDIBZANA	205	UG/KG	20	L
							BIOTA	WHITE	PERCH		FLUDRENE	205	UG/KG	10	L
							BIOTA	WHITE	PERCH		TNAPHTHAL	205	UG/KG	10	L
							BIOTA	WHITE	PERCH		TPYRENE	205	UG/KG	10	L
XIF2743	890410	1700	15	2139997	BIOTA	1	POOLED	BA	0	3912440	7624190				
							BIOTA	WHITE	PERCH		TBUTBEP	54	UG/KG	10	L
							BIOTA	WHITE	PERCH		TDIOCTYL	54	UG/KG	10	L
							BIOTA	WHITE	PERCH		TDIZETHP	54	UG/KG	100	L
							BIOTA	WHITE	PERCH		TDIBUPTH	54	UG/KG	10	L
							BIOTA	WHITE	PERCH		TDIETPTH	54	UG/KG	10	L
							BIOTA	WHITE	PERCH		TDIHEPTH	54	UG/KG	10	L
XIF2743	890410	1700	15	2139997	BIOTA	1	POOLED	BA	0	3912440	7624190				
							BIOTA	WHITE	PERCH		TCHROMUM	29	MG/KG	2	L
							BIOTA	WHITE	PERCH		TIRON	40	MG/KG	11	L
							BIOTA	WHITE	PERCH		TFRANGAN	45	MG/KG	2	L
							BIOTA	WHITE	PERCH		TCOPPER	51	MG/KG	3	L
							BIOTA	WHITE	PERCH		TNICKEL	34	MG/KG	2	L
							BIOTA	WHITE	PERCH		TZINC	48	MG/KG	14	L

*Checked  
03/10/67  
Sample 2*

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STATION	DATE	TIME	DEPTH	HASHIN	SUBBITER	SAMPLE	COUNTY	WEATHER	ALTITUDE	LONGITUDE	BATHY	PARAM	UNIT	SPCODE
27	XIF	2774	890807	1714	12	2139997	1	POOLED	BA	0	0	TRIFLURALINE	UG/KG	SPOT
28	XIF	2774	890807	1714	12	2139997	1	POOLED	BA	0	0	TRIFLURALINE	UG/KG	SPOT
29	XIF	2774	890807	1714	12	2139997	1	POOLED	BA	0	0	TRIFLURALINE	UG/KG	SPOT
30	XIF	3325	890807	1040	15	2139997	1	POOLED	BA	0	0	TRIFLURALINE	UG/KG	SPOT
31	XIF	3325	890807	1040	15	2139997	1	POOLED	BA	0	0	TRIFLURALINE	UG/KG	SPOT
32	XIF	3325	890807	1040	15	2139997	1	POOLED	BA	0	0	TRIFLURALINE	UG/KG	SPOT
33	XIF	3325	890807	1040	15	2139997	1	POOLED	BA	0	0	TRIFLURALINE	UG/KG	SPOT
34	XIF	3325	890807	1040	15	2139997	1	POOLED	BA	0	0	TRIFLURALINE	UG/KG	SPOT
35	XIF	3325	890807	1040	15	2139997	1	POOLED	BA	0	0	TRIFLURALINE	UG/KG	SPOT
36	XIF	3325	890807	1040	15	2139997	1	POOLED	BA	0	0	TRIFLURALINE	UG/KG	SPOT
37	XIF	3325	890807	1040	15	2139997	1	POOLED	BA	0	0	TRIFLURALINE	UG/KG	SPOT
38	XIF	3325	890807	1040	15	2139997	1	POOLED	BA	0	0	TRIFLURALINE	UG/KG	SPOT
39	XIF	3325	890807	1040	15	2139997	1	POOLED	BA	0	0	TRIFLURALINE	UG/KG	SPOT
40	XIF	3325	890807	1040	15	2139997	1	POOLED	BA	0	0	TRIFLURALINE	UG/KG	SPOT
41	XIF	3325	890807	1040	15	2139997	1	POOLED	BA	0	0	TRIFLURALINE	UG/KG	SPOT
42	XIF	3325	890807	1040	15	2139997	1	POOLED	BA	0	0	TRIFLURALINE	UG/KG	SPOT
43	XIF	3325	890807	1040	15	2139997	1	POOLED	BA	0	0	TRIFLURALINE	UG/KG	SPOT
44	XIF	3325	890807	1040	15	2139997	1	POOLED	BA	0	0	TRIFLURALINE	UG/KG	SPOT
45	XIF	3325	890807	1040	15	2139997	1	POOLED	BA	0	0	TRIFLURALINE	UG/KG	SPOT
46	XIF	3325	890807	1040	15	2139997	1	POOLED	BA	0	0	TRIFLURALINE	UG/KG	SPOT
47	XIF	3325	890807	1040	15	2139997	1	POOLED	BA	0	0	TRIFLURALINE	UG/KG	SPOT
48	XIF	3325	890807	1040	15	2139997	1	POOLED	BA	0	0	TRIFLURALINE	UG/KG	SPOT
49	XIF	3325	890807	1040	15	2139997	1	POOLED	BA	0	0	TRIFLURALINE	UG/KG	SPOT
50	XIF	3325	890807	1040	15	2139997	1	POOLED	BA	0	0	TRIFLURALINE	UG/KG	SPOT
51	XIF	3325	890807	1040	15	2139997	1	POOLED	BA	0	0	TRIFLURALINE	UG/KG	SPOT
52	XIF	3325	890807	1040	15	2139997	1	POOLED	BA	0	0	TRIFLURALINE	UG/KG	SPOT
53	XIF	3325	890807	1040	15	2139997	1	POOLED	BA	0	0	TRIFLURALINE	UG/KG	SPOT
54	XIF	3325	890807	1040	15	2139997	1	POOLED	BA	0	0	TRIFLURALINE	UG/KG	SPOT
55	XIF	3325	890807	1040	15	2139997	1	POOLED	BA	0	0	TRIFLURALINE	UG/KG	SPOT
56	XIF	3325	890807	1040	15	2139997	1	POOLED	BA	0	0	TRIFLURALINE	UG/KG	SPOT
57	XIF	3325	890807	1040	15	2139997	1	POOLED	BA	0	0	TRIFLURALINE	UG/KG	SPOT
58	XIF	3325	890807	1040	15	2139997	1	POOLED	BA	0	0	TRIFLURALINE	UG/KG	SPOT
59	XIF	3325	890807	1040	15	2139997	1	POOLED	BA	0	0	TRIFLURALINE	UG/KG	SPOT
60	XIF	3325	890807	1040	15	2139997	1	POOLED	BA	0	0	TRIFLURALINE	UG/KG	SPOT
61	XIF	3325	890807	1040	15	2139997	1	POOLED	BA	0	0	TRIFLURALINE	UG/KG	SPOT
62	XIF	3325	890807	1040	15	2139997	1	POOLED	BA	0	0	TRIFLURALINE	UG/KG	SPOT
63	XIF	3325	890807	1040	15	2139997	1	POOLED	BA	0	0	TRIFLURALINE	UG/KG	SPOT
64	XIF	3325	890807	1040	15	2139997	1	POOLED	BA	0	0	TRIFLURALINE	UG/KG	SPOT



035	STATION	DATE	TIME	DEPTH	RASIN	SUMITER	SAMPMETH	COUNTY	TIDE	WEATHER	LATITUDE	LONGITUDE	RECODE
145	XIF3325	890807	1040	15	2139997	1	POILED	BA		0	3913170	7622300	1
146	XIF3325	890807	1040	15	2139997	1	POILED	BA		0	3913170	7622300	1
147	XIF3325	890807	1040	15	2139997	1	POILED	BA		0	3913170	7622300	1
148	XIF3325	890807	1040	15	2139997	1	POILED	BA		0	3913170	7622300	1
149	XIF3325	890807	1040	15	2139997	1	POILED	BA		0	3913170	7622300	1
150	XIF3325	890807	1040	15	2139997	1	POILED	BA		0	3913170	7622300	1
151	XIF3325	890807	1040	15	2139997	1	POILED	BA		0	3913170	7622300	1
152	XIF3325	890807	1040	15	2139997	1	POILED	BA		0	3913170	7622300	1
153	XIF3325	890807	1040	15	2139997	1	POILED	BA		0	3913170	7622300	1
154	XIF3325	890807	1040	15	2139997	1	POILED	BA		0	3913170	7622300	1
155	XIF3325	890807	1040	15	2139997	1	POILED	BA		0	3913170	7622300	1
156	XIF3325	890807	1040	15	2139997	1	POILED	BA		0	3913170	7622300	1
157	XIF3325	890807	1040	15	2139997	1	POILED	BA		0	3913170	7622300	1
158	XIF3325	890807	1040	15	2139997	1	POILED	BA		0	3913170	7622300	1
159	XIF3325	890807	1040	15	2139997	1	POILED	BA		0	3913170	7622300	1
160	XIF3325	890807	1040	15	2139997	1	POILED	BA		0	3913170	7622300	1
161	XIF3325	890807	1040	15	2139997	1	POILED	BA		0	3913170	7622300	1
162	XIF3325	890807	1040	15	2139997	1	POILED	BA		0	3913170	7622300	1
163	XIF3325	890807	1040	15	2139997	1	POILED	BA		0	3913170	7622300	1
164	XIF3325	890807	1040	15	2139997	1	POILED	BA		0	3913170	7622300	1
165	XIF3325	890807	1040	15	2139997	1	POILED	BA		0	3913170	7622300	1
166	XIF3325	890807	1040	15	2139997	1	POILED	BA		0	3913170	7622300	1
167	XIF3325	890807	1040	15	2139997	1	POILED	BA		0	3913170	7622300	1
168	XIF3325	890807	1040	15	2139997	1	POILED	BA		0	3913170	7622300	1
169	XIF3325	890807	1040	15	2139997	1	POILED	BA		0	3913170	7622300	1
170	XIF3325	890807	1040	15	2139997	1	POILED	BA		0	3913170	7622300	1

035	DATHEM	VALUE	MEDIA	MEDIACL	PARAM	METHD	UNITS	SPCODE
145	L	100	BIOTA	BIOTA	INAPHTHALENE	205	UG/KG	UNIDENT POLYCHAETE
146	L	100	BIOTA	BIOTA	TORAPNE	205	UG/KG	UNIDENT POLYCHAETE
147	L	2	BIOTA	BIOTA	TRIFLURALINE	205	UG/KG	UNIDENT POLYCHAETE
148	L		BIOTA	BIOTA	CHROMIUM	205	MG/KG	BRACKISH WATER CLAM
149	L		BIOTA	BIOTA	NICKEL	205	MG/KG	BRACKISH WATER CLAM
150	L		BIOTA	BIOTA	TRINDANE	205	UG/KG	BRACKISH WATER CLAM
151	L		BIOTA	BIOTA	TOTALDDT	205	UG/KG	BRACKISH WATER CLAM
152	L		BIOTA	BIOTA	DDD	205	UG/KG	BRACKISH WATER CLAM
153	L		BIOTA	BIOTA	DDT	205	UG/KG	BRACKISH WATER CLAM
154	L	18	BIOTA	BIOTA	CHLORANE	205	UG/KG	BRACKISH WATER CLAM
155	L	1	BIOTA	BIOTA	TENDRIN	205	UG/KG	BRACKISH WATER CLAM
156	L	2	BIOTA	BIOTA	THEPTCHL	205	UG/KG	BRACKISH WATER CLAM
157	L	1	BIOTA	BIOTA	THEPTCLIP	205	UG/KG	BRACKISH WATER CLAM
158	L	1	BIOTA	BIOTA	ALDRIN	205	UG/KG	BRACKISH WATER CLAM
159	L	1	BIOTA	BIOTA	DDIELDIN	205	UG/KG	BRACKISH WATER CLAM
160	L	2	BIOTA	BIOTA	TMALATHN	205	UG/KG	BRACKISH WATER CLAM
161	L	240	BIOTA	BIOTA	IRON	205	MG/KG	BRACKISH WATER CLAM
162	L	21	BIOTA	BIOTA	TMANGAN	205	MG/KG	BRACKISH WATER CLAM
163	L	2	BIOTA	BIOTA	TZINC	205	MG/KG	BRACKISH WATER CLAM
164	L	3	BIOTA	BIOTA	TCOPPER	205	MG/KG	BRACKISH WATER CLAM
165	L	2	BIOTA	BIOTA	TATRAZIN	205	UG/KG	BRACKISH WATER CLAM
166	L	1	BIOTA	BIOTA	TDIAZIN	205	UG/KG	BRACKISH WATER CLAM
167	L	2	BIOTA	BIOTA	THEHPAR	205	UG/KG	BRACKISH WATER CLAM
168	L	1	BIOTA	BIOTA	TETHPAR	205	UG/KG	BRACKISH WATER CLAM
169	L	1	BIOTA	BIOTA	TCBS	205	UG/KG	BRACKISH WATER CLAM
170	L	1	BIOTA	BIOTA	TOTBUPN	205	UG/KG	BRACKISH WATER CLAM

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STS	STATION	DATE	TIME	DEPTH	BASIN	SUBMITTER	SAMPLE	COUNTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPCODE
171	XXXXXX	000007	1040	1	1	1	P03	RA	BACK	0	29	70	70
172	XXXXXX	000007	1040	1	1	1	P03	RA	BACK	0	29	70	70
173	XXXXXX	000007	1040	1	1	1	P03	RA	BACK	0	29	70	70
174	XXXXXX	000007	1040	1	1	1	P03	RA	BACK	0	29	70	70
175	XXXXXX	000007	1040	1	1	1	P03	RA	BACK	0	29	70	70
176	XXXXXX	000007	1040	1	1	1	P03	RA	BACK	0	29	70	70
177	XXXXXX	000007	1040	1	1	1	P03	RA	BACK	0	29	70	70
178	XXXXXX	000007	1040	1	1	1	P03	RA	BACK	0	29	70	70
179	XXXXXX	000007	1040	1	1	1	P03	RA	BACK	0	29	70	70
180	XXXXXX	000007	1040	1	1	1	P03	RA	BACK	0	29	70	70
181	XXXXXX	000007	1040	1	1	1	P03	RA	BACK	0	29	70	70
182	XXXXXX	000007	1040	1	1	1	P03	RA	BACK	0	29	70	70
183	XXXXXX	000007	1040	1	1	1	P03	RA	BACK	0	29	70	70
184	XXXXXX	000007	1040	1	1	1	P03	RA	BACK	0	29	70	70
185	XXXXXX	000007	1040	1	1	1	P03	RA	BACK	0	29	70	70
186	XXXXXX	000007	1040	1	1	1	P03	RA	BACK	0	29	70	70
187	XXXXXX	000007	1040	1	1	1	P03	RA	BACK	0	29	70	70
188	XXXXXX	000007	1040	1	1	1	P03	RA	BACK	0	29	70	70
189	XXXXXX	000007	1040	1	1	1	P03	RA	BACK	0	29	70	70
190	XXXXXX	000007	1040	1	1	1	P03	RA	BACK	0	29	70	70
191	XXXXXX	000007	1040	1	1	1	P03	RA	BACK	0	29	70	70
192	XXXXXX	000007	1040	1	1	1	P03	RA	BACK	0	29	70	70
193	XXXXXX	000007	1040	1	1	1	P03	RA	BACK	0	29	70	70
194	XXXXXX	000007	1040	1	1	1	P03	RA	BACK	0	29	70	70
195	XXXXXX	000007	1040	1	1	1	P03	RA	BACK	0	29	70	70
196	XXXXXX	000007	1040	1	1	1	P03	RA	BACK	0	29	70	70
197	XXXXXX	000007	1040	1	1	1	P03	RA	BACK	0	29	70	70
198	XXXXXX	000007	1040	1	1	1	P03	RA	BACK	0	29	70	70
199	XXXXXX	000007	1040	1	1	1	P03	RA	BACK	0	29	70	70
200	XXXXXX	000007	1040	1	1	1	P03	RA	BACK	0	29	70	70
201	XXXXXX	000007	1040	1	1	1	P03	RA	BACK	0	29	70	70
202	XXXXXX	000007	1040	1	1	1	P03	RA	BACK	0	29	70	70
203	XXXXXX	000007	1040	1	1	1	P03	RA	BACK	0	29	70	70
204	XXXXXX	000007	1040	1	1	1	P03	RA	BACK	0	29	70	70
205	XXXXXX	000007	1040	1	1	1	P03	RA	BACK	0	29	70	70
206	XXXXXX	000007	1040	1	1	1	P03	RA	BACK	0	29	70	70
207	XXXXXX	000007	1040	1	1	1	P03	RA	BACK	0	29	70	70
208	XXXXXX	000007	1040	1	1	1	P03	RA	BACK	0	29	70	70
209	XXXXXX	000007	1040	1	1	1	P03	RA	BACK	0	29	70	70
210	XXXXXX	000007	1040	1	1	1	P03	RA	BACK	0	29	70	70

SAS

11:41 TUESDAY, JANUARY 30, 1990 '6

STATION	DATE	TIME	DEPTH	BASEIN	SUBMITTER	SAMPLE #	COUNTY	WEATHER	LATITUDE	LONGITUDE	RECORDED	DATA #	VALUE	MEDIA	FUNCTIONAL	PARAM	METHOD	UNITS	SP CODE
197	XF33225	890807	1040	15	2139997	1	POOLCD	HA	0	3913170	7622300	1	2	BIOTA	BIOTA	CHROMIUM	29	MG/KG	4905012
198	XF33225	890807	1040	15	2139997	1	POOLCD	HA	0	3913170	7622300	1	1	BIOTA	BIOTA	CHROMIUM	29	MG/KG	4905012
199	XF33225	890807	1040	15	2139997	1	POOLCD	HA	0	3913170	7622300	1	2	BIOTA	BIOTA	NICKEL	34	MG/KG	4905012
200	XF33225	890807	1040	15	2139997	1	POOLCD	HA	0	3913170	7622300	1	34	BIOTA	BIOTA	NICKEL	34	MG/KG	4905012
201	XF33225	890807	1040	15	2139997	1	POOLCD	HA	0	3913170	7622300	1	1	BIOTA	BIOTA	INDANE	53	UG/RG	4905012
202	XF33225	890807	1040	15	2139997	1	POOLCD	HA	0	3913170	7622300	1	10	BIOTA	BIOTA	INDANE	53	UG/RG	4905012
203	XF33225	890807	1040	15	2139997	1	POOLCD	HA	0	3913170	7622300	1	1	BIOTA	BIOTA	TOTALDDT	53	UG/RG	4905012
204	XF33225	890807	1040	15	2139997	1	POOLCD	HA	0	3913170	7622300	1	10	BIOTA	BIOTA	TOTALDDT	53	UG/RG	4905012
205	XF33225	890807	1040	15	2139997	1	POOLCD	HA	0	3913170	7622300	1	10	BIOTA	BIOTA	DDD	53	UG/RG	4905012
206	XF33225	890807	1040	15	2139997	1	POOLCD	HA	0	3913170	7622300	1	10	BIOTA	BIOTA	DDD	53	UG/RG	4905012
207	XF33225	890807	1040	15	2139997	1	POOLCD	HA	0	3913170	7622300	1	1	BIOTA	BIOTA	DDE	53	UG/RG	4905012
208	XF33225	890807	1040	15	2139997	1	POOLCD	HA	0	3913170	7622300	1	10	BIOTA	BIOTA	DDE	53	UG/RG	4905012
209	XF33225	890807	1040	15	2139997	1	POOLCD	HA	0	3913170	7622300	1	100	BIOTA	BIOTA	CHLDANE	53	UG/RG	4905012
210	XF33225	890807	1040	15	2139997	1	POOLCD	HA	0	3913170	7622300	1	10	BIOTA	BIOTA	CHLDANE	53	UG/RG	4905012
211	XF33225	890807	1040	15	2139997	1	POOLCD	HA	0	3913170	7622300	1	1	BIOTA	BIOTA	TENDRIN	53	UG/RG	4905012
212	XF33225	890807	1040	15	2139997	1	POOLCD	HA	0	3913170	7622300	1	10	BIOTA	BIOTA	TENDRIN	53	UG/RG	4905012
213	XF33225	890807	1040	15	2139997	1	POOLCD	HA	0	3913170	7622300	1	2	BIOTA	BIOTA	THEPTCHL	53	UG/RG	4905012
214	XF33225	890807	1040	15	2139997	1	POOLCD	HA	0	3913170	7622300	1	20	BIOTA	BIOTA	THEPTCHL	53	UG/RG	4905012
215	XF33225	890807	1040	15	2139997	1	POOLCD	HA	0	3913170	7622300	1	1	BIOTA	BIOTA	THPTCLF	53	UG/RG	4905012
216	XF33225	890807	1040	15	2139997	1	POOLCD	HA	0	3913170	7622300	1	10	BIOTA	BIOTA	THPTCLF	53	UG/RG	4905012
217	XF33225	890807	1040	15	2139997	1	POOLCD	HA	0	3913170	7622300	1	1	BIOTA	BIOTA	ALDRIN	53	UG/RG	4905012
218	XF33225	890807	1040	15	2139997	1	POOLCD	HA	0	3913170	7622300	1	10	BIOTA	BIOTA	ALDRIN	53	UG/RG	4905012
219	XF33225	890807	1040	15	2139997	1	POOLCD	HA	0	3913170	7622300	1	1	BIOTA	BIOTA	DIELDRN	53	UG/RG	4905012
220	XF33225	890807	1040	15	2139997	1	POOLCD	HA	0	3913170	7622300	1	10	BIOTA	BIOTA	DIELDRN	53	UG/RG	4905012
221	XF33225	890807	1040	15	2139997	1	POOLCD	HA	0	3913170	7622300	1	2	BIOTA	BIOTA	DMALATHN	53	UG/RG	4905012
222	XF33225	890807	1040	15	2139997	1	POOLCD	HA	0	3913170	7622300	1	20	BIOTA	BIOTA	DMALATHN	53	UG/RG	4905012
223	XF33225	890807	1040	15	2139997	1	POOLCD	HA	0	3913170	7622300	1	245	BIOTA	BIOTA	IRON	40	MG/KG	4905012
224	XF33225	890807	1040	15	2139997	1	POOLCD	HA	0	3913170	7622300	1	19	BIOTA	BIOTA	IRON	40	MG/KG	4905012
225	XF33225	890807	1040	15	2139997	1	POOLCD	HA	0	3913170	7622300	1	77	BIOTA	BIOTA	MANGAN	45	MG/KG	4905012
226	XF33225	890807	1040	15	2139997	1	POOLCD	HA	0	3913170	7622300	1	180	BIOTA	BIOTA	MANGAN	45	MG/KG	4905012
227	XF33225	890807	1040	15	2139997	1	POOLCD	HA	0	3913170	7622300	1	90	BIOTA	BIOTA	ZINC	48	MG/KG	4905012
228	XF33225	890807	1040	15	2139997	1	POOLCD	HA	0	3913170	7622300	1	46	BIOTA	BIOTA	ZINC	48	MG/KG	4905012
229	XF33225	890807	1040	15	2139997	1	POOLCD	HA	0	3913170	7622300	1	8	BIOTA	BIOTA	COPPER	51	MG/RG	4905012
230	XF33225	890807	1040	15	2139997	1	POOLCD	HA	0	3913170	7622300	1	20	BIOTA	BIOTA	COPPER	51	MG/RG	4905012
231	XF33225	890807	1040	15	2139997	1	POOLCD	HA	0	3913170	7622300	1	2	BIOTA	BIOTA	TATRAZIN	53	UG/RG	4905012
232	XF33225	890807	1040	15	2139997	1	POOLCD	HA	0	3913170	7622300	1	20	BIOTA	BIOTA	TATRAZIN	53	UG/RG	4905012
233	XF33225	890807	1040	15	2139997	1	POOLCD	HA	0	3913170	7622300	1	2	BIOTA	BIOTA	TDIAZNON	53	UG/RG	4905012
234	XF33225	890807	1040	15	2139997	1	POOLCD	HA	0	3913170	7622300	1	20	BIOTA	BIOTA	TDIAZNON	53	UG/RG	4905012
235	XF33225	890807	1040	15	2139997	1	POOLCD	HA	0	3913170	7622300	1	2	BIOTA	BIOTA	TMETHPAR	53	UG/RG	4905012
236	XF33225	890807	1040	15	2139997	1	POOLCD	HA	0	3913170	7622300	1	20	BIOTA	BIOTA	TMETHPAR	53	UG/RG	4905012
237	XF33225	890807	1040	15	2139997	1	POOLCD	HA	0	3913170	7622300	1	2	BIOTA	BIOTA	TEHLPAR	53	UG/RG	4905012
238	XF33225	890807	1040	15	2139997	1	POOLCD	HA	0	3913170	7622300	1	20	BIOTA	BIOTA	TEHLPAR	53	UG/RG	4905012
239	XF33225	890807	1040	15	2139997	1	POOLCD	HA	0	3913170	7622300	1	1	BIOTA	BIOTA	TPCRS	53	UG/RG	4905012
240	XF33225	890807	1040	15	2139997	1	POOLCD	HA	0	3913170	7622300	1	100	BIOTA	BIOTA	TPCRS	53	UG/RG	4905012
241	XF33225	890807	1040	15	2139997	1	POOLCD	HA	0	3913170	7622300	1	1	BIOTA	BIOTA	TDIBUPTH	54	UG/RG	4905012
242	XF33225	890807	1040	15	2139997	1	POOLCD	HA	0	3913170	7622300	1	1000	BIOTA	BIOTA	TDIBUPTH	54	UG/RG	4905012
243	XF33225	890807	1040	15	2139997	1	POOLCD	HA	0	3913170	7622300	1	1	BIOTA	BIOTA	TDIOCTYL	54	UG/RG	4905012
244	XF33225	890807	1040	15	2139997	1	POOLCD	HA	0	3913170	7622300	1	1000	BIOTA	BIOTA	TDIOCTYL	54	UG/RG	4905012

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OBS	STATION	DATE	TIME	DEPTH	BASIN	SURMETER	SAMPMETH	COUNTY	-TIME	WEATHER	LATITUDE	LONGITUDE	REPCODE
245	XIF33325	890807	1040	15	213997	1	P03LED	BA		0	3913170	7622300	1
246	XIF33325	890807	1040	15	213997	1	P03LED	BA		0	3913170	7622300	1
247	XIF33325	890807	1040	15	213997	1	P03LED	BA		0	3913170	7622300	1
248	XIF33325	890807	1040	15	213997	1	P03LED	BA		0	3913170	7622300	1
249	XIF33325	890807	1040	15	213997	1	P03LED	BA		0	3913170	7622300	1
250	XIF33325	890807	1040	15	213997	1	P03LED	BA		0	3913170	7622300	1
251	XIF33325	890807	1040	15	213997	1	P03LED	BA		0	3913170	7622300	1
252	XIF33325	890807	1040	15	213997	1	P03LED	BA		0	3913170	7622300	1
253	XIF33325	890807	1040	15	213997	1	P03LED	BA		0	3913170	7622300	1
254	XIF33325	890807	1040	15	213997	1	P03LED	BA		0	3913170	7622300	1
255	XIF33325	890807	1040	15	213997	1	P03LED	BA		0	3913170	7622300	1
256	XIF33325	890807	1040	15	213997	1	P03LED	BA		0	3913170	7622300	1
257	XIF33325	890807	1040	15	213997	1	P03LED	BA		0	3913170	7622300	1
258	XIF33325	890807	1040	15	213997	1	P03LED	BA		0	3913170	7622300	1
259	XIF33325	890807	1040	15	213997	1	P03LED	BA		0	3913170	7622300	1
260	XIF33325	890807	1040	15	213997	1	P03LED	BA		0	3913170	7622300	1
261	XIF33325	890807	1040	15	213997	1	P03LED	BA		0	3913170	7622300	1
262	XIF33325	890807	1040	15	213997	1	P03LED	BA		0	3913170	7622300	1
263	XIF33325	890807	1040	15	213997	1	P03LED	BA		0	3913170	7622300	1
264	XIF33325	890807	1040	15	213997	1	P03LED	BA		0	3913170	7622300	1
265	XIF33325	890807	1040	15	213997	1	P03LED	BA		0	3913170	7622300	1
266	XIF33325	890807	1040	15	213997	1	P03LED	BA		0	3913170	7622300	1
267	XIF33325	890807	1040	15	213997	1	P03LED	BA		0	3913170	7622300	1
268	XIF33325	890807	1040	15	213997	1	P03LED	BA		0	3913170	7622300	1
269	XIF33325	890807	1040	15	213997	1	P03LED	BA		0	3913170	7622300	1
270	XIF33325	890807	1040	15	213997	1	P03LED	BA		0	3913170	7622300	1

OBS	DATHEM	VALUE	MEDIA	MEDIA CL	PARAM	METHOD	UNITS	SPCODE
245	L	10	BIOTA	BIOTA	TD12LTHP	54	UG/KG	4905012
246	L	1000	BIOTA	BIOTA	TD12ETHP	54	UG/KG	4905012
247	L	1	BIOTA	BIOTA	TD11TPIH	54	UG/KG	4905012
248	L	1000	BIOTA	BIOTA	TD11EPTH	54	UG/KG	4905012
249	L	1	BIOTA	BIOTA	TD11NEPTH	54	UG/KG	4905012
250	L	1000	BIOTA	BIOTA	TD11NEPTH	54	UG/KG	4905012
251	L	1	BIOTA	BIOTA	TRENZANT	205	UG/KG	4905012
252	L	1000	BIOTA	BIOTA	TRENZANT	205	UG/KG	4905012
253	L	1	BIOTA	BIOTA	TRENZPYR	205	UG/KG	4905012
254	L	1000	BIOTA	BIOTA	TRENZPYR	205	UG/KG	4905012
255	L	2	BIOTA	BIOTA	TRENZPLP	205	UG/KG	4905012
256	L	2000	BIOTA	BIOTA	TRENZFLR	205	UG/KG	4905012
257	L	1	BIOTA	BIOTA	T34ZOF1	205	UG/KG	4905012
258	L	1000	BIOTA	BIOTA	TCHRYSEN	205	UG/KG	4905012
259	L	1	BIOTA	BIOTA	TCHRYSEN	205	UG/KG	4905012
260	L	1000	BIOTA	BIOTA	TACENPTH	205	UG/KG	4905012
261	L	1	BIOTA	BIOTA	TACENPTH	205	UG/KG	4905012
262	L	1000	BIOTA	BIOTA	TACENPTH	205	UG/KG	4905012
263	L	1	BIOTA	BIOTA	TACENPTH	205	UG/KG	4905012
264	L	1000	BIOTA	BIOTA	TACENPTH	205	UG/KG	4905012
265	L	1	BIOTA	BIOTA	TANTHRAC	205	UG/KG	4905012
266	L	1000	BIOTA	BIOTA	TANTHRAC	205	UG/KG	4905012
267	L	2	BIOTA	BIOTA	I3ZGHP	205	UG/KG	4905012
268	L	2000	BIOTA	BIOTA	I3ZGHP	205	UG/KG	4905012
269	L	1	BIOTA	BIOTA	FLUORENE	205	UG/KG	4905012
270	L	1000	BIOTA	BIOTA	FLUORENE	205	UG/KG	4905012

UBS	STATION	DATE	TIME	DEPTH	RASIN	SUBMITER	SAMPMETH	COUNTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPCODE
271	XIF3325	890807	1040	15	2139997	1	POJLED	BA		0	3913170	7622300	1
272	XIF3325	890807	1040	15	2139997	1	POJLED	BA		0	3913170	7622300	1
273	XIF3325	890807	1040	15	2139997	1	POJLED	BA		0	3913170	7622300	1
274	XIF3325	890807	1040	15	2139997	1	POJLED	BA		0	3913170	7622300	1
275	XIF3325	890807	1040	15	2139997	1	POJLED	BA		0	3913170	7622300	1
276	XIF3325	890807	1040	15	2139997	1	POJLED	BA		0	3913170	7622300	1
277	XIF3325	890807	1040	15	2139997	1	POJLED	BA		0	3913170	7622300	1
278	XIF3325	890807	1040	15	2139997	1	POJLED	BA		0	3913170	7622300	1
279	XIF3325	890807	1040	15	2139997	1	POJLED	BA		0	3913170	7622300	1
280	XIF3325	890807	1040	15	2139997	1	POJLED	BA		0	3913170	7622300	1
281	XIF3325	890807	1040	15	2139997	1	POJLED	BA		0	3913170	7622300	1
282	XIF3325	890807	1040	15	2139997	1	POJLED	BA		0	3913170	7622300	1
283	XIF3325	890807	1040	15	2139997	1	POJLED	BA		0	3913170	7622300	1
284	XIF3325	890807	1040	15	2139997	1	POJLED	BA		0	3913170	7622300	1
285	XIF3325	890807	1040	15	2139997	1	POJLED	BA		0	3913170	7622300	1
286	XIF3325	890807	1040	15	2139997	1	POJLED	BA		0	3913170	7622300	1
287	XIF3325	890807	1040	15	2139997	1	POJLED	BA		0	3913170	7622300	1
288	XIF3325	890807	1040	15	2139997	1	POJLED	BA		0	3913170	7622300	1
289	XIF3325	890807	1040	15	2139997	1	POJLED	BA		0	3913170	7622300	1
290	XIF3325	890807	1040	15	2139997	1	POJLED	BA		0	3913170	7622300	1
291	XIF3325	890807	1040	15	2139997	1	POJLED	BA		0	3913170	7622300	1
292	XIF3325	890807	1040	15	2139997	1	POJLED	BA		0	3913170	7622300	1
293	XIF3325	890807	1040	15	2139997	1	POJLED	BA		0	3913170	7622300	1
294	XIF3325	890807	1040	15	2139997	1	POJLED	BA		0	3913170	7622300	1
295	XIF3325	890807	1040	15	2139997	1	POJLED	BA		0	3913170	7622300	1
296	XIF3325	890807	1040	15	2139997	1	POJLED	BA		0	3913170	7622300	1

UBS	DATREP	VALUE	MEDIA	MEDIA CL	PARAM	METHOD	UNITS	SPCODE
271	L	1	BIOTA	BIOTA	PHENANTH	205	UG/KG	4905012
272	L	1000	BIOTA	BIOTA	PHENANTH	205	UG/KG	4905012
273	L	7	BIOTA	BIOTA	TOLUENE	205	UG/KG	4905012
274	L	2000	BIOTA	BIOTA	TOLUENE	205	UG/KG	4905012
275	L	2	BIOTA	BIOTA	INDENIS	205	UG/KG	4905012
276	L	2000	BIOTA	BIOTA	INDENIS	205	UG/KG	4905012
277	L	1	BIOTA	BIOTA	TPYRENE	205	UG/KG	4905012
278	L	1000	BIOTA	BIOTA	TPYRENE	205	UG/KG	4905012
279	L	2	BIOTA	BIOTA	LINURON	205	UG/KG	4905012
280	L	20	BIOTA	BIOTA	LINURON	205	UG/KG	4905012
281	L	1	BIOTA	BIOTA	TALP-BHC	53	UG/KG	4905012
282	L	10	BIOTA	BIOTA	TALP-BHC	53	UG/KG	4905012
283	L	1	BIOTA	BIOTA	TBET-BHC	53	UG/KG	4905012
284	L	10	BIOTA	BIOTA	TBET-BHC	53	UG/KG	4905012
285	L	1	BIOTA	BIOTA	TBUTBEP	54	UG/KG	4905012
286	L	1000	BIOTA	BIOTA	TBUTBEP	54	UG/KG	4905012
287	L	1	BIOTA	BIOTA	TFLUORANTHENE	205	UG/KG	4905012
288	L	1000	BIOTA	BIOTA	TFLUORANTHENE	205	UG/KG	4905012
289	L	1	BIOTA	BIOTA	TNAPHTHLENE	205	UG/KG	4905012
290	L	1000	BIOTA	BIOTA	TNAPHTHLENE	205	UG/KG	4905012
291	L	10	BIOTA	BIOTA	TOXAPHENE	53	UG/KG	4905012
292	L	100	BIOTA	BIOTA	TOXAPHENE	53	UG/KG	4905012
293	L	2	BIOTA	BIOTA	TRIFLURALINE	53	UG/KG	4905012
294	L	20	BIOTA	BIOTA	TRIFLURALINE	53	UG/KG	4905012
295	L	5	BIOTA	BIOTA	TCHROMUM	59	HG/KG	CYATHURA POLITA
296	L	5	BIOTA	BIOTA	TNICKEL	34	HG/KG	CYATHURA POLITA

STATION	DATE	TIME	DEPTH	STATION	SAMPLE	COUNTY	DEPTH	LATITUDE	LONGITUDE	PARAMETER	VALUE	UNIT	LABORATORY
297	XI	F	3325	890807	1040	15	2139997	1	POOLED	BA	00	00	00
298	XI	F	3325	890807	1040	15	2139997	1	POOLED	BA	00	00	00
299	XI	F	3325	890807	1040	15	2139997	1	POOLED	BA	00	00	00
300	XI	F	3325	890807	1040	15	2139997	1	POOLED	BA	00	00	00
301	XI	F	3325	890807	1040	15	2139997	1	POOLED	BA	00	00	00
302	XI	F	3325	890807	1040	15	2139997	1	POOLED	BA	00	00	00
303	XI	F	3325	890807	1040	15	2139997	1	POOLED	BA	00	00	00
304	XI	F	3325	890807	1040	15	2139997	1	POOLED	BA	00	00	00
305	XI	F	3325	890807	1040	15	2139997	1	POOLED	BA	00	00	00
306	XI	F	3325	890807	1040	15	2139997	1	POOLED	BA	00	00	00
307	XI	F	3325	890807	1040	15	2139997	1	POOLED	BA	00	00	00
308	XI	F	3325	890807	1040	15	2139997	1	POOLED	BA	00	00	00
309	XI	F	3325	890807	1040	15	2139997	1	POOLED	BA	00	00	00
310	XI	F	3325	890807	1040	15	2139997	1	POOLED	BA	00	00	00
311	XI	F	3325	890807	1040	15	2139997	1	POOLED	BA	00	00	00
312	XI	F	3325	890807	1040	15	2139997	1	POOLED	BA	00	00	00
313	XI	F	3325	890807	1040	15	2139997	1	POOLED	BA	00	00	00
314	XI	F	3325	890807	1040	15	2139997	1	POOLED	BA	00	00	00
315	XI	F	3325	890807	1040	15	2139997	1	POOLED	BA	00	00	00
316	XI	F	3325	890807	1040	15	2139997	1	POOLED	BA	00	00	00
317	XI	F	3325	890807	1040	15	2139997	1	POOLED	BA	00	00	00
318	XI	F	3325	890807	1040	15	2139997	1	POOLED	BA	00	00	00
319	XI	F	3325	890807	1040	15	2139997	1	POOLED	BA	00	00	00
320	XI	F	3325	890807	1040	15	2139997	1	POOLED	BA	00	00	00
321	XI	F	3325	890807	1040	15	2139997	1	POOLED	BA	00	00	00
322	XI	F	3325	890807	1040	15	2139997	1	POOLED	BA	00	00	00
323	XI	F	3325	890807	1040	15	2139997	1	POOLED	BA	00	00	00
324	XI	F	3325	890807	1040	15	2139997	1	POOLED	BA	00	00	00
325	XI	F	3325	890807	1040	15	2139997	1	POOLED	BA	00	00	00
326	XI	F	3325	890807	1040	15	2139997	1	POOLED	BA	00	00	00
327	XI	F	3325	890807	1040	15	2139997	1	POOLED	BA	00	00	00
328	XI	F	3325	890807	1040	15	2139997	1	POOLED	BA	00	00	00
329	XI	F	3325	890807	1040	15	2139997	1	POOLED	BA	00	00	00
330	XI	F	3325	890807	1040	15	2139997	1	POOLED	BA	00	00	00
331	XI	F	3325	890807	1040	15	2139997	1	POOLED	BA	00	00	00
332	XI	F	3325	890807	1040	15	2139997	1	POOLED	BA	00	00	00
333	XI	F	3325	890807	1040	15	2139997	1	POOLED	BA	00	00	00
334	XI	F	3325	890807	1040	15	2139997	1	POOLED	BA	00	00	00
335	XI	F	3325	890807	1040	15	2139997	1	POOLED	BA	00	00	00
336	XI	F	3325	890807	1040	15	2139997	1	POOLED	BA	00	00	00
337	XI	F	3325	890807	1040	15	2139997	1	POOLED	BA	00	00	00
338	XI	F	3325	890807	1040	15	2139997	1	POOLED	BA	00	00	00
339	XI	F	3325	890807	1040	15	2139997	1	POOLED	BA	00	00	00
340	XI	F	3325	890807	1040	15	2139997	1	POOLED	BA	00	00	00
341	XI	F	3325	890807	1040	15	2139997	1	POOLED	BA	00	00	00
342	XI	F	3325	890807	1040	15	2139997	1	POOLED	BA	00	00	00
343	XI	F	3325	890807	1040	15	2139997	1	POOLED	BA	00	00	00
344	XI	F	3325	890807	1040	15	2139997	1	POOLED	BA	00	00	00

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035	STATION	DATE	TIME	DEPTH	BASIN	SURMITER	SAS	SAMPMETH	COMTY	TIDE	WEATHR	LATITUDE	LONGITUDE	RECODE
345	XIF4327	890807	1131	12	2139997	1	POILED	BA			0	3914170	7622410	1
346	XIF4327	890807	1131	12	2139997	1	POILED	BA			0	3914170	7622410	1
347	XIF4327	890807	1131	12	2139997	1	POILED	BA			0	3914170	7622410	1
348	XIF4327	890807	1131	12	2139997	1	POILED	BA			0	3914170	7622410	1
349	XIF4327	890807	1131	12	2139997	1	POILED	BA			0	3914170	7622410	1
350	XIF4327	890807	1131	12	2139997	1	POILED	BA			0	3914170	7622410	1
351	XIF4327	890807	1131	12	2139997	1	POILED	BA			0	3914170	7622410	1
352	XIF4327	890807	1131	12	2139997	1	POILED	BA			0	3914170	7622410	1
353	XIF4327	890807	1131	12	2139997	1	POILED	BA			0	3914170	7622410	1
354	XIF4327	890807	1131	12	2139997	1	POILED	BA			0	3914170	7622410	1
355	XIF4327	890807	1131	12	2139997	1	POILED	BA			0	3914170	7622410	1
356	XIF4327	890807	1131	12	2139997	1	POILED	BA			0	3914170	7622410	1
357	XIF4327	890807	1131	12	2139997	1	POILED	BA			0	3914170	7622410	1
358	XIF4327	890807	1131	12	2139997	1	POILED	BA			0	3914170	7622410	1
359	XIF4327	890807	1131	12	2139997	1	POILED	BA			0	3914170	7622410	1
360	XIF4327	890807	1131	12	2139997	1	POILED	BA			0	3914170	7622410	1
361	XIF4327	890807	1131	12	2139997	1	POILED	BA			0	3914170	7622410	1
362	XIF4327	890807	1131	12	2139997	1	POILED	BA			0	3914170	7622410	1
363	XIF4327	890807	1131	12	2139997	1	POILED	BA			0	3914170	7622410	1
364	XIF4327	890807	1131	12	2139997	1	POILED	BA			0	3914170	7622410	1
365	XIF4327	890807	1131	12	2139997	1	POILED	BA			0	3914170	7622410	1
366	XIF4327	890807	1131	12	2139997	1	POILED	BA			0	3914170	7622410	1
367	XIF4327	890807	1131	12	2139997	1	POILED	BA			0	3914170	7622410	1
368	XIF4327	890807	1131	12	2139997	1	POILED	BA			0	3914170	7622410	1
369	XIF4327	890807	1131	12	2139997	1	POILED	BA			0	3914170	7622410	1
370	XIF4327	890807	1131	12	2139997	1	POILED	BA			0	3914170	7622410	1
035	DATREM	VALUE	MEDIA	MEDIA CL	PARAM	METHOD	UNITS	SPCODE						
345		8	BIOTA	BIOTA	NICKEL	34	MG/KG	BRACKISH	WATER	CLAM				
346	L	10	BIOTA	BIOTA	LEAD	33	UG/KG	BRACKISH	WATER	CLAM				
347	L	10	BIOTA	BIOTA	TOTALDDY	33	UG/KG	BRACKISH	WATER	CLAM				
348	L	10	BIOTA	BIOTA	DDD	33	UG/KG	BRACKISH	WATER	CLAM				
349	L	10	BIOTA	BIOTA	DDE	33	UG/KG	BRACKISH	WATER	CLAM				
350	L	100	BIOTA	BIOTA	TCLOANE	33	UG/KG	BRACKISH	WATER	CLAM				
351	L	10	BIOTA	BIOTA	TCNDPIN	33	UG/KG	BRACKISH	WATER	CLAM				
352	L	20	BIOTA	BIOTA	THEPTCHL	33	UG/KG	BRACKISH	WATER	CLAM				
353	L	10	BIOTA	BIOTA	THPTCLP	33	UG/KG	BRACKISH	WATER	CLAM				
354	L	10	BIOTA	BIOTA	ALDRIN	33	UG/KG	BRACKISH	WATER	CLAM				
355	L	10	BIOTA	BIOTA	THLEDRN	33	UG/KG	BRACKISH	WATER	CLAM				
356	L	20	BIOTA	BIOTA	THALATHN	33	UG/KG	BRACKISH	WATER	CLAM				
357	L	170	BIOTA	BIOTA	TIRON	40	MG/KG	BRACKISH	WATER	CLAM				
358	L	24	BIOTA	BIOTA	TNANGAN	40	MG/KG	BRACKISH	WATER	CLAM				
359	L	30	BIOTA	BIOTA	TZINC	48	MG/KG	BRACKISH	WATER	CLAM				
360	L	2	BIOTA	BIOTA	TCOPPER	11	MG/KG	BRACKISH	WATER	CLAM				
361	L	20	BIOTA	BIOTA	TATRAZIN	11	UG/KG	BRACKISH	WATER	CLAM				
362	L	20	BIOTA	BIOTA	TDIAZNON	11	UG/KG	BRACKISH	WATER	CLAM				
363	L	20	BIOTA	BIOTA	TMETHPA	11	UG/KG	BRACKISH	WATER	CLAM				
364	L	20	BIOTA	BIOTA	TEMLPAR	11	UG/KG	BRACKISH	WATER	CLAM				
365	L	100	BIOTA	BIOTA	TPCS	11	UG/KG	BRACKISH	WATER	CLAM				
366	L	5	BIOTA	BIOTA	TDIBUPTH	4	UG/KG	BRACKISH	WATER	CLAM				
367	L	5	BIOTA	BIOTA	TDIOCTYL	4	UG/KG	BRACKISH	WATER	CLAM				
368	L	5	BIOTA	BIOTA	TDIZETHP	4	UG/KG	BRACKISH	WATER	CLAM				
369	L	5	BIOTA	BIOTA	TDIEPTH	4	UG/KG	BRACKISH	WATER	CLAM				
370	L	5	BIOTA	BIOTA	TDIEPTH	4	UG/KG	BRACKISH	WATER	CLAM				

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US	STATION	DATE	TIME	DEPTH	BASIN	SURMITER	SAMPMETH	COUNTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPCODE
371	XIF4327	890807	1131	12	2139997	1	POJLED	BA		0	3914170	7622410	1
372	XIF4327	890807	1131	12	2139997	1	POJLED	BA		0	3914170	7622410	1
373	XIF4327	890807	1131	12	2139997	1	POJLED	BA		0	3914170	7622410	1
374	XIF4327	890807	1131	12	2139997	1	POJLED	BA		0	3914170	7622410	1
375	XIF4327	890807	1131	12	2139997	1	POJLED	BA		0	3914170	7622410	1
376	XIF4327	890807	1131	12	2139997	1	POJLED	BA		0	3914170	7622410	1
377	XIF4327	890807	1131	12	2139997	1	POJLED	BA		0	3914170	7622410	1
378	XIF4327	890807	1131	12	2139997	1	POJLED	BA		0	3914170	7622410	1
379	XIF4327	890807	1131	12	2139997	1	POJLED	BA		0	3914170	7622410	1
380	XIF4327	890807	1131	12	2139997	1	POJLED	BA		0	3914170	7622410	1
381	XIF4327	890807	1131	12	2139997	1	POJLED	BA		0	3914170	7622410	1
382	XIF4327	890807	1131	12	2139997	1	POJLED	BA		0	3914170	7622410	1
383	XIF4327	890807	1131	12	2139997	1	POJLED	BA		0	3914170	7622410	1
384	XIF4327	890807	1131	12	2139997	1	POJLED	BA		0	3914170	7622410	1
385	XIF4327	890807	1131	12	2139997	1	POJLED	BA		0	3914170	7622410	1
386	XIF4327	890807	1131	12	2139997	1	POJLED	BA		0	3914170	7622410	1
387	XIF4327	890807	1131	12	2139997	1	POJLED	BA		0	3914170	7622410	1
388	XIF4327	890807	1131	12	2139997	1	POJLED	BA		0	3914170	7622410	1
389	XIF4327	890807	1131	12	2139997	1	POJLED	BA		0	3914170	7622410	1
390	XIF4327	890807	1131	12	2139997	1	POJLED	BA		0	3914170	7622410	1
391	XIF4327	890807	1131	12	2139997	1	POJLED	BA		0	3914170	7622410	1
392	XIF4327	890807	1131	12	2139997	1	POJLED	BA		0	3914170	7622410	1
393	XIF4327	890807	1131	12	2139997	1	POJLED	BA		0	3914170	7622410	1
394	XIF4327	890807	1131	12	2139997	1	POJLED	BA		0	3914170	7622410	1
395	XIF4327	890807	1131	12	2139997	1	POJLED	BA		0	3914170	7622410	1
396	XIF4327	890807	1131	12	2139997	1	POJLED	BA		0	3914170	7622410	1

US	DATREM	VALUE	MEDIA	MEDIA CL	PARAM	METHOD	UNITS	SPCODE
371	L	5	BIOTA	BIOTA	TRENZANT	205	UG/KG	BRACKISH WATER CLAM
372	L	5	BIOTA	BIOTA	TRENZPYR	205	UG/KG	BRACKISH WATER CLAM
373	L	10	BIOTA	BIOTA	TRENZFLR	205	UG/KG	BRACKISH WATER CLAM
374	L	5	BIOTA	BIOTA	T3ABZOFI	205	UG/KG	BRACKISH WATER CLAM
375	L	5	BIOTA	BIOTA	TCHYSEN	205	UG/KG	BRACKISH WATER CLAM
376	L	5	BIOTA	BIOTA	TACENPTH	205	UG/KG	BRACKISH WATER CLAM
377	L	5	BIOTA	BIOTA	TANTHRAC	205	UG/KG	BRACKISH WATER CLAM
378	L	10	BIOTA	BIOTA	TBZGHIP	205	UG/KG	BRACKISH WATER CLAM
379	L	5	BIOTA	BIOTA	FLUORENE	205	UG/KG	BRACKISH WATER CLAM
380	L	5	BIOTA	BIOTA	PHENANTH	205	UG/KG	BRACKISH WATER CLAM
381	L	10	BIOTA	BIOTA	TOTBZAH	205	UG/KG	BRACKISH WATER CLAM
382	L	10	BIOTA	BIOTA	INDEN123	205	UG/KG	BRACKISH WATER CLAM
383	L	5	BIOTA	BIOTA	TPYRENE	205	UG/KG	BRACKISH WATER CLAM
384	L	20	BIOTA	BIOTA	LINURON	53	UG/KG	BRACKISH WATER CLAM
385	L	10	BIOTA	BIOTA	TALP-BHC	53	UG/KG	BRACKISH WATER CLAM
386	L	10	BIOTA	BIOTA	TBET-BHC	53	UG/KG	BRACKISH WATER CLAM
387	L	5	BIOTA	BIOTA	TBUTBP	54	UG/KG	BRACKISH WATER CLAM
388	L	5	BIOTA	BIOTA	FLUORANTHENE	205	UG/KG	BRACKISH WATER CLAM
389	L	5	BIOTA	BIOTA	TNAPHTHALENE	205	UG/KG	BRACKISH WATER CLAM
390	L	100	BIOTA	BIOTA	TTOXAPHENE	53	UG/KG	BRACKISH WATER CLAM
391	L	20	BIOTA	BIOTA	TRIFLURALINE	53	UG/KG	BRACKISH WATER CLAM
392	L	20	BIOTA	BIOTA	TCHROMIUM	29	HG/KG	
393	L	2	BIOTA	BIOTA	TNICKEL	34	HG/KG	4905012
394	L	2	BIOTA	BIOTA	TILINDANE	53	UG/KG	4905012
395	L	10	BIOTA	BIOTA	TOTALOBT	53	UG/KG	4905012

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035	STATION	DATE	TIME	DEPTH	HASIN	SUMMITER	SAS	SAMPMETH	COUNTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPCODE
397	XIF4327	890807	1131	12	2139997	1	PO3LE	BA			0	3914170	7422410	1
398	XIF4327	890807	1131	12	2139997	1	PO3LE	BA			0	3914170	7422410	1
399	XIF4327	890807	1131	12	2139997	1	PO3LE	BA			0	3914170	7422410	1
400	XIF4327	890807	1131	12	2139997	1	PO3LE	BA			0	3914170	7422410	1
401	XIF4327	890807	1131	12	2139997	1	PO3LE	BA			0	3914170	7422410	1
402	XIF4327	890807	1131	12	2139997	1	PO3LE	BA			0	3914170	7422410	1
403	XIF4327	890807	1131	12	2139997	1	PO3LE	BA			0	3914170	7422410	1
404	XIF4327	890807	1131	12	2139997	1	PO3LE	BA			0	3914170	7422410	1
405	XIF4327	890807	1131	12	2139997	1	PO3LE	BA			0	3914170	7422410	1
406	XIF4327	890807	1131	12	2139997	1	PO3LE	BA			0	3914170	7422410	1
407	XIF4327	890807	1131	12	2139997	1	PO3LE	BA			0	3914170	7422410	1
408	XIF4327	890807	1131	12	2139997	1	PO3LE	BA			0	3914170	7422410	1
409	XIF4327	890807	1131	12	2139997	1	PO3LE	BA			0	3914170	7422410	1
410	XIF4327	890807	1131	12	2139997	1	PO3LE	BA			0	3914170	7422410	1
411	XIF4327	890807	1131	12	2139997	1	PO3LE	BA			0	3914170	7422410	1
412	XIF4327	890807	1131	12	2139997	1	PO3LE	BA			0	3914170	7422410	1
413	XIF4327	890807	1131	12	2139997	1	PO3LE	BA			0	3914170	7422410	1
414	XIF4327	890807	1131	12	2139997	1	PO3LE	BA			0	3914170	7422410	1
415	XIF4327	890807	1131	12	2139997	1	PO3LE	BA			0	3914170	7422410	1
416	XIF4327	890807	1131	12	2139997	1	PO3LE	BA			0	3914170	7422410	1
417	XIF4327	890807	1131	12	2139997	1	PO3LE	BA			0	3914170	7422410	1
418	XIF4327	890807	1131	12	2139997	1	PO3LE	BA			0	3914170	7422410	1
419	XIF4327	890807	1131	12	2139997	1	PO3LE	BA			0	3914170	7422410	1
420	XIF4327	890807	1131	12	2139997	1	PO3LE	BA			0	3914170	7422410	1
421	XIF4327	890807	1131	12	2139997	1	PO3LE	BA			0	3914170	7422410	1
422	XIF4327	890807	1131	12	2139997	1	PO3LE	BA			0	3914170	7422410	1

035	DATREH	VALUE	MEDIA	MEDIACL	PARAM	METHOD	UNITS	SPCODE
397	L	10	BIOTA	BIOTA	DDD	53	UG/KG	4905012
398	L	10	BIOTA	BIOTA	DDF	53	UG/KG	4905012
399	L	10	BIOTA	BIOTA	TCBLDAIE	53	UG/KG	4905012
400	L	10	BIOTA	BIOTA	TENDRIN	53	UG/KG	4905012
401	L	10	BIOTA	BIOTA	THPTCHL	53	UG/KG	4905012
402	L	10	BIOTA	BIOTA	THPTCLEP	53	UG/KG	4905012
403	L	10	BIOTA	BIOTA	ALDFIN	53	UG/KG	4905012
404	L	10	BIOTA	BIOTA	TDIFLDRN	53	UG/KG	4905012
405	L	20	BIOTA	BIOTA	TMALATHI	53	UG/KG	4905012
406	L	540	BIOTA	BIOTA	TIRON	40	MG/KG	4905012
407	L	168	BIOTA	BIOTA	TMANGAN	45	MG/KG	4905012
408	L	1290	BIOTA	BIOTA	TZINC	48	MG/KG	4905012
409	L	27	BIOTA	BIOTA	TCOPPER	51	MG/KG	4905012
410	L	20	BIOTA	BIOTA	TATRAZIN	53	UG/KG	4905012
411	L	20	BIOTA	BIOTA	TJAZNON	53	UG/KG	4905012
412	L	20	BIOTA	BIOTA	TMETHPAR	53	UG/KG	4905012
413	L	20	BIOTA	BIOTA	TCMLPAE	53	UG/KG	4905012
414	L	100	BIOTA	BIOTA	TPCB5	53	UG/KG	4905012
415	L	1000	BIOTA	BIOTA	TDIBUPTH	54	UG/KG	4905012
416	L	1000	BIOTA	BIOTA	TDIOCTYL	54	UG/KG	4905012
417	L	1000	BIOTA	BIOTA	TDIETHP	54	UG/KG	4905012
418	L	1000	BIOTA	BIOTA	TDIETHP	54	UG/KG	4905012
419	L	1000	BIOTA	BIOTA	TDIETHP	54	UG/KG	4905012
420	L	1000	BIOTA	BIOTA	TBENZANT	05	UG/KG	4905012
421	L	1000	BIOTA	BIOTA	TBENZPYR	05	UG/KG	4905012
422	L	2000	BIOTA	BIOTA	TBENZFLR	05	UG/KG	4905012

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11:41 TUESDAY, JANUARY 30, 1990 13

035	STATION	DATE	TIME	DEPTH	BASIN	SURMITER	SAS	SAMPMETH	COUNTY	TIDE	WEATHER	LATITUDE	LONGITUDE	RECODE
423	XIF4327	890807	1131	12	2139997	1		POOLED	BA		0	3914170	7622410	1
424	XIF4327	890807	1131	12	2139997	1		POOLED	BA		0	3914170	7622410	1
425	XIF4327	890807	1131	12	2139997	1		POOLED	BA		0	3914170	7622410	1
426	XIF4327	890807	1131	12	2139997	1		POOLED	BA		0	3914170	7622410	1
427	XIF4327	890807	1131	12	2139997	1		POOLED	BA		0	3914170	7622410	1
428	XIF4327	890807	1131	12	2139997	1		POOLED	BA		0	3914170	7622410	1
429	XIF4327	890807	1131	12	2139997	1		POOLED	BA		0	3914170	7622410	1
430	XIF4327	890807	1131	12	2139997	1		POOLED	BA		0	3914170	7622410	1
431	XIF4327	890807	1131	12	2139997	1		POOLED	BA		0	3914170	7622410	1
432	XIF4327	890807	1131	12	2139997	1		POOLED	BA		0	3914170	7622410	1
433	XIF4327	890807	1131	12	2139997	1		POOLED	BA		0	3914170	7622410	1
434	XIF4327	890807	1131	12	2139997	1		POOLED	BA		0	3914170	7622410	1
435	XIF4327	890807	1131	12	2139997	1		POOLED	BA		0	3914170	7622410	1
436	XIF4327	890807	1131	12	2139997	1		POOLED	BA		0	3914170	7622410	1
437	XIF4327	890807	1131	12	2139997	1		POOLED	BA		0	3914170	7622410	1
438	XIF4327	890807	1131	12	2139997	1		POOLED	BA		0	3914170	7622410	1
439	XIF4327	890807	1131	12	2139997	1		POOLED	BA		0	3914170	7622410	1
440	XIF4327	890807	1131	12	2139997	1		POOLED	BA		0	3914170	7622410	1
441	XIF4327	890807	1131	12	2139997	1		POOLED	BA		0	3914170	7622410	1
442	XIF4327	890807	1131	12	2139997	1		POOLED	BA		0	3914170	7622410	1
443	XIF4327	890807	1131	12	2139997	1		POOLED	BA		0	3914170	7622410	1
444	XIF4327	890807	1131	12	2139997	1		POOLED	BA		0	3914170	7622410	1
445	XIF4327	890807	1131	12	2139997	1		POOLED	BA		0	3914170	7622410	1
446	XIF4327	890807	1131	12	2139997	1		POOLED	BA		0	3914170	7622410	1
447	XIF4327	890807	1131	12	2139997	1		POOLED	BA		0	3914170	7622410	1
448	XIF4327	890807	1131	12	2139997	1		POOLED	BA		0	3914170	7622410	1

035	DATKEM	VALUE	MEDIA	MEDIACL	PARAM	METHOD	UNITS	SPCODE
423	L	1000	BIOTA	BIOTA	154BZOFI	205	UG/KG	4905012
424	L	1000	BIOTA	BIOTA	TCHRYSEN	205	UG/KG	4905012
425	L	1000	BIOTA	BIOTA	TACENPTH	205	UG/KG	4905012
426	L	1000	BIOTA	BIOTA	TACENPTH	205	UG/KG	4905012
427	L	1000	BIOTA	BIOTA	TANTHRAC	205	UG/KG	4905012
428	L	2000	BIOTA	BIOTA	THZGHP	205	UG/KG	4905012
429	L	1000	BIOTA	BIOTA	FLUORENE	205	UG/KG	4905012
430	L	1000	BIOTA	BIOTA	PHENANTH	205	UG/KG	4905012
431	L	2000	BIOTA	BIOTA	TDZAH	205	UG/KG	4905012
432	L	2000	BIOTA	BIOTA	INDEN123	205	UG/KG	4905012
433	L	1000	BIOTA	BIOTA	TPYRENE	205	UG/KG	4905012
434	L	20	BIOTA	BIOTA	LINURON	205	UG/KG	4905012
435	L	10	BIOTA	BIOTA	TALP-BHC	205	UG/KG	4905012
436	L	10	BIOTA	BIOTA	TBFT-BHC	205	UG/KG	4905012
437	L	1000	BIOTA	BIOTA	TRITBEP	205	UG/KG	4905012
438	L	1000	BIOTA	BIOTA	TFLURANTHENE	205	UG/KG	4905012
439	L	1000	BIOTA	BIOTA	TNAPHTHENE	205	UG/KG	4905012
440	L	100	BIOTA	BIOTA	STOXAPHENE	205	UG/KG	4905012
441	L	20	BIOTA	BIOTA	TRIFLURALINE	205	UG/KG	4905012
442	L	8	BIOTA	BIOTA	TCHROMUM	205	MG/KG	4905012
443	L	10	BIOTA	BIOTA	TNICKEL	205	UG/KG	4905012
444	L	10	BIOTA	BIOTA	TLINDANE	205	UG/KG	4905012
445	L	10	BIOTA	BIOTA	TOTALDDT	205	UG/KG	4905012
446	L	10	BIOTA	BIOTA	DDD	205	UG/KG	4905012
447	L	10	BIOTA	BIOTA	DDE	205	UG/KG	4905012
448	L	100	BIOTA	BIOTA	TCHLOAME	205	UG/KG	4905012

CYATHURA POLITA  
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CYATHURA POLITA

STATION	DATE	TIME	DEPTH	BASIN	SUBMITTER	SAMP METH	COUNTY	TIDE	WEATHER	LATITUDE	LONGITUDE	REPCODE	DATUM	VALUE	MEDIA	METHOD	PARAM	UNIT	SPCODE			
449	XIF4327	890807	11 31	12	1	1	BA	0	0	3914170	7622410	11111	L	10	PIOTA	BIOTA	TENDRIN	53	UG/KG	CYATHURA	POL	ITA
450	XIF4327	890807	11 31	12	1	1	BA	0	0	3914170	7622410	11111	L	20	PIOTA	BIOTA	TRPPTCHL	53	UG/KG	CYATHURA	POL	ITA
451	XIF4327	890807	11 31	12	1	1	BA	0	0	3914170	7622410	11111	L	10	PIOTA	BIOTA	TRPPTCLE	53	UG/KG	CYATHURA	POL	ITA
452	XIF4327	890807	11 31	12	1	1	BA	0	0	3914170	7622410	11111	L	10	PIOTA	BIOTA	ALORTN	53	UG/KG	CYATHURA	POL	ITA
453	XIF4327	890807	11 31	12	1	1	BA	0	0	3914170	7622410	11111	L	20	PIOTA	BIOTA	IDIELDRN	53	UG/KG	CYATHURA	POL	ITA
454	XIF4327	890807	11 31	12	1	1	BA	0	0	3914170	7622410	11111	L	20	PIOTA	BIOTA	TMALATHN	53	UG/KG	CYATHURA	POL	ITA
455	XIF4327	890807	11 31	12	1	1	BA	0	0	3914170	7622410	11111	L	70	PIOTA	BIOTA	JIRON	40	MG/KG	CYATHURA	POL	ITA
456	XIF4327	890807	11 31	12	1	1	BA	0	0	3914170	7622410	11111	L	180	PIOTA	BIOTA	TMANGAN	45	MG/KG	CYATHURA	POL	ITA
457	XIF4327	890807	11 31	12	1	1	BA	0	0	3914170	7622410	11111	L	71	PIOTA	BIOTA	TZINC	48	MG/KG	CYATHURA	POL	ITA
458	XIF4327	890807	11 31	12	1	1	BA	0	0	3914170	7622410	11111	L	30	PIOTA	BIOTA	TCOPPER	53	UG/KG	CYATHURA	POL	ITA
459	XIF4327	890807	11 31	12	1	1	BA	0	0	3914170	7622410	11111	L	30	PIOTA	BIOTA	TATAZIV	53	UG/KG	CYATHURA	POL	ITA
460	XIF4327	890807	11 31	12	1	1	BA	0	0	3914170	7622410	11111	L	20	PIOTA	BIOTA	TOTAZWON	53	UG/KG	CYATHURA	POL	ITA
461	XIF4327	890807	11 31	12	1	1	BA	0	0	3914170	7622410	11111	L	20	PIOTA	BIOTA	TETHPAR	53	UG/KG	CYATHURA	POL	ITA
462	XIF4327	890807	11 31	12	1	1	BA	0	0	3914170	7622410	11111	L	30	PIOTA	BIOTA	TETHPAR	53	UG/KG	CYATHURA	POL	ITA
463	XIF4327	890807	11 31	12	1	1	BA	0	0	3914170	7622410	11111	L	130	PIOTA	BIOTA	TPCBS	53	UG/KG	CYATHURA	POL	ITA
464	XIF4327	890807	11 31	12	1	1	BA	0	0	3914170	7622410	11111	L	1000	PIOTA	BIOTA	TDTRUPH	54	UG/KG	CYATHURA	POL	ITA
465	XIF4327	890807	11 31	12	1	1	BA	0	0	3914170	7622410	11111	L	1000	PIOTA	BIOTA	TDIOCTYL	54	UG/KG	CYATHURA	POL	ITA
466	XIF4327	890807	11 31	12	1	1	BA	0	0	3914170	7622410	11111	L	10000	PIOTA	BIOTA	TDIZETHP	54	UG/KG	CYATHURA	POL	ITA
467	XIF4327	890807	11 31	12	1	1	BA	0	0	3914170	7622410	11111	L	1000	PIOTA	BIOTA	TDIETPH	54	UG/KG	CYATHURA	POL	ITA
468	XIF4327	890807	11 31	12	1	1	BA	0	0	3914170	7622410	11111	L	1000	PIOTA	BIOTA	TDIEMPTH	54	UG/KG	CYATHURA	POL	ITA
469	XIF4327	890807	11 31	12	1	1	BA	0	0	3914170	7622410	11111	L	1000	PIOTA	BIOTA	TBLNZANT	205	UG/KG	CYATHURA	POL	ITA
470	XIF4327	890807	11 31	12	1	1	BA	0	0	3914170	7622410	11111	L	1000	PIOTA	BIOTA	TBENZPYR	205	UG/KG	CYATHURA	POL	ITA
471	XIF4327	890807	11 31	12	1	1	BA	0	0	3914170	7622410	11111	L	2000	PIOTA	BIOTA	TRENZFLP	205	UG/KG	CYATHURA	POL	ITA
472	XIF4327	890807	11 31	12	1	1	BA	0	0	3914170	7622410	11111	L	1000	PIOTA	BIOTA	T348ZOLF	205	UG/KG	CYATHURA	POL	ITA
473	XIF4327	890807	11 31	12	1	1	BA	0	0	3914170	7622410	11111	L	1000	PIOTA	BIOTA	TCHPYSE	205	UG/KG	CYATHURA	POL	ITA
474	XIF4327	890807	11 31	12	1	1	BA	0	0	3914170	7622410	11111	L	1000	PIOTA	BIOTA	TACENPTH	205	UG/KG	CYATHURA	POL	ITA
475	XIF4327	890807	11 31	12	1	1	BA	0	0	3914170	7622410	11111	L	1000	PIOTA	BIOTA	TACENPTH	205	UG/KG	CYATHURA	POL	ITA
476	XIF4327	890807	11 31	12	1	1	BA	0	0	3914170	7622410	11111	L	1000	PIOTA	BIOTA	TANTHRAC	205	UG/KG	CYATHURA	POL	ITA
477	XIF4327	890807	11 31	12	1	1	BA	0	0	3914170	7622410	11111	L	2000	PIOTA	BIOTA	TBZGHP	205	UG/KG	CYATHURA	POL	ITA
478	XIF4327	890807	11 31	12	1	1	BA	0	0	3914170	7622410	11111	L	1000	PIOTA	BIOTA	FLUDRENE	205	UG/KG	CYATHURA	POL	ITA
479	XIF4327	890807	11 31	12	1	1	BA	0	0	3914170	7622410	11111	L	1000	PIOTA	BIOTA	PHNANTH	205	UG/KG	CYATHURA	POL	ITA
480	XIF4327	890807	11 31	12	1	1	BA	0	0	3914170	7622410	11111	L	2000	PIOTA	BIOTA	TDBZAHN	205	UG/KG	CYATHURA	POL	ITA
481	XIF4327	890807	11 31	12	1	1	BA	0	0	3914170	7622410	11111	L	2000	PIOTA	BIOTA	TMDN23	205	UG/KG	CYATHURA	POL	ITA
482	XIF4327	890807	11 31	12	1	1	BA	0	0	3914170	7622410	11111	L	1000	PIOTA	BIOTA	TPYRENE	205	UG/KG	CYATHURA	POL	ITA
483	XIF4327	890807	11 31	12	1	1	BA	0	0	3914170	7622410	11111	L	20	PIOTA	BIOTA	LINURON	53	UG/KG	CYATHURA	POL	ITA
484	XIF4327	890807	11 31	12	1	1	BA	0	0	3914170	7622410	11111	L	10	PIOTA	BIOTA	TALP-BHC	53	UG/KG	CYATHURA	POL	ITA
485	XIF4327	890807	11 31	12	1	1	BA	0	0	3914170	7622410	11111	L	10	PIOTA	BIOTA	TBFT-BHC	53	UG/KG	CYATHURA	POL	ITA
486	XIF4327	890807	11 31	12	1	1	BA	0	0	3914170	7622410	11111	L	1000	PIOTA	BIOTA	TBUTBEP	54	UG/KG	CYATHURA	POL	ITA
487	XIF4327	890807	11 31	12	1	1	BA	0	0	3914170	7622410	11111	L	1000	PIOTA	BIOTA	TFLUORANTHENE	205	UG/KG	CYATHURA	POL	ITA
488	XIF4327	890807	11 31	12	1	1	BA	0	0	3914170	7622410	11111	L	1000	PIOTA	BIOTA	TNAPHTHLENE	205	UG/KG	CYATHURA	POL	ITA
489	XIF4327	890807	11 31	12	1	1	BA	0	0	3914170	7622410	11111	L	100	PIOTA	BIOTA	TTOXAPHENE	53	UG/KG	CYATHURA	POL	ITA
490	XIF4327	890807	11 31	12	1	1	BA	0	0	3914170	7622410	11111	L	20	PIOTA	BIOTA	TRIFLURALYNE	53	UG/KG	CYATHURA	POL	ITA
491	XIF4516	890807	16 54	15	1	1	BA	0	0	3914280	7621340	11111	L	2	PIOTA	BIOTA	TCHROMUM	29	MG/KG	SPOT		
492	XIF4516	890807	16 54	15	1	1	BA	0	0	3914280	7621340	11111	L	2	PIOTA	BIOTA	TCHROMUM	29	MG/KG	SPOT		
493	XIF4516	890807	16 54	15	1	1	BA	0	0	3914230	7621360	11111	L	46	PIOTA	BIOTA	TNICKEL	34	MG/KG	SPOT		
494	XIF4516	890807	16 54	15	1	1	BA	0	0	3914280	7621340	11111	L	24	PIOTA	BIOTA	TNICKEL	34	MG/KG	SPOT		
495	XIF4516	890807	16 54	15	1	1	BA	0	0	3914280	7621340	11111	L	1	PIOTA	BIOTA	TLINDANE	53	UG/KG	SPOT		
496	XIF4516	890807	16 54	15	1	1	BA	0	0	3914280	7621340	11111	L	1	PIOTA	BIOTA	TLINDANE	53	UG/KG	SPOT		

[The page contains extremely faint, illegible text, likely bleed-through from the reverse side of the paper. The text is arranged in several paragraphs and is completely unreadable.]

STATION	DATE	TIME	DEPTH	BASIN	SUBMITTER	SAMP METH	COUNTY	TIDE	WEATHER	LATITUDE	LONGITUDE	PERC CODE	DATUM	VALUE	MEDIA	HEAVY AC	PARAM	METHOD	UNITS	SP CODE
449	XIF4327	890807	11 31	21	39997	JULE	BA	0	3914170	7622410	0	L	10	BIOTA	BIOTA	TENDRIN	53	UG/KG	CYATHURA	POL ITA
450	XIF4327	890807	11 31	21	39997	JULE	BA	0	3914170	7622410	0	L	10	BIOTA	BIOTA	THPTCLE	53	UG/KG	CYATHURA	POL ITA
451	XIF4327	890807	11 31	21	39997	JULE	BA	0	3914170	7622410	0	L	10	BIOTA	BIOTA	ALORIN	53	UG/KG	CYATHURA	POL ITA
452	XIF4327	890807	11 31	21	39997	JULE	BA	0	3914170	7622410	0	L	10	BIOTA	BIOTA	IDIELDHN	53	UG/KG	CYATHURA	POL ITA
453	XIF4327	890807	11 31	21	39997	JULE	BA	0	3914170	7622410	0	L	10	BIOTA	BIOTA	THALATHN	53	UG/KG	CYATHURA	POL ITA
454	XIF4327	890807	11 31	21	39997	JULE	BA	0	3914170	7622410	0	L	10	BIOTA	BIOTA	JIRON	44	MG/KG	CYATHURA	POL ITA
455	XIF4327	890807	11 31	21	39997	JULE	BA	0	3914170	7622410	0	L	10	BIOTA	BIOTA	TMANGAN	44	MG/KG	CYATHURA	POL ITA
456	XIF4327	890807	11 31	21	39997	JULE	BA	0	3914170	7622410	0	L	180	BIOTA	BIOTA	TZINC	44	MG/KG	CYATHURA	POL ITA
457	XIF4327	890807	11 31	21	39997	JULE	BA	0	3914170	7622410	0	L	180	BIOTA	BIOTA	TZINC	44	MG/KG	CYATHURA	POL ITA
458	XIF4327	890807	11 31	21	39997	JULE	BA	0	3914170	7622410	0	L	180	BIOTA	BIOTA	COPPER	44	MG/KG	CYATHURA	POL ITA
459	XIF4327	890807	11 31	21	39997	JULE	BA	0	3914170	7622410	0	L	180	BIOTA	BIOTA	TATRAZIN	44	MG/KG	CYATHURA	POL ITA
460	XIF4327	890807	11 31	21	39997	JULE	BA	0	3914170	7622410	0	L	180	BIOTA	BIOTA	TOIAZMON	44	MG/KG	CYATHURA	POL ITA
461	XIF4327	890807	11 31	21	39997	JULE	BA	0	3914170	7622410	0	L	180	BIOTA	BIOTA	IMETHPAR	44	MG/KG	CYATHURA	POL ITA
462	XIF4327	890807	11 31	21	39997	JULE	BA	0	3914170	7622410	0	L	180	BIOTA	BIOTA	TETHLPAR	44	MG/KG	CYATHURA	POL ITA
463	XIF4327	890807	11 31	21	39997	JULE	BA	0	3914170	7622410	0	L	180	BIOTA	BIOTA	TPCBS	44	MG/KG	CYATHURA	POL ITA
464	XIF4327	890807	11 31	21	39997	JULE	BA	0	3914170	7622410	0	L	180	BIOTA	BIOTA	TDIBUPTH	44	MG/KG	CYATHURA	POL ITA
465	XIF4327	890807	11 31	21	39997	JULE	BA	0	3914170	7622410	0	L	180	BIOTA	BIOTA	TDIOCTYL	44	MG/KG	CYATHURA	POL ITA
466	XIF4327	890807	11 31	21	39997	JULE	BA	0	3914170	7622410	0	L	180	BIOTA	BIOTA	TDI2ETHP	44	MG/KG	CYATHURA	POL ITA
467	XIF4327	890807	11 31	21	39997	JULE	BA	0	3914170	7622410	0	L	180	BIOTA	BIOTA	TDIETPH	44	MG/KG	CYATHURA	POL ITA
468	XIF4327	890807	11 31	21	39997	JULE	BA	0	3914170	7622410	0	L	180	BIOTA	BIOTA	TDINEPTH	44	MG/KG	CYATHURA	POL ITA
469	XIF4327	890807	11 31	21	39997	JULE	BA	0	3914170	7622410	0	L	180	BIOTA	BIOTA	TBNZANT	205	UG/KG	CYATHURA	POL ITA
470	XIF4327	890807	11 31	21	39997	JULE	BA	0	3914170	7622410	0	L	180	BIOTA	BIOTA	TRENZPVR	205	UG/KG	CYATHURA	POL ITA
471	XIF4327	890807	11 31	21	39997	JULE	BA	0	3914170	7622410	0	L	180	BIOTA	BIOTA	TRENZFLR	205	UG/KG	CYATHURA	POL ITA
472	XIF4327	890807	11 31	21	39997	JULE	BA	0	3914170	7622410	0	L	180	BIOTA	BIOTA	T34BZOP	205	UG/KG	CYATHURA	POL ITA
473	XIF4327	890807	11 31	21	39997	JULE	BA	0	3914170	7622410	0	L	180	BIOTA	BIOTA	TCHPYSLN	205	UG/KG	CYATHURA	POL ITA
474	XIF4327	890807	11 31	21	39997	JULE	BA	0	3914170	7622410	0	L	180	BIOTA	BIOTA	TACENPTH	205	UG/KG	CYATHURA	POL ITA
475	XIF4327	890807	11 31	21	39997	JULE	BA	0	3914170	7622410	0	L	180	BIOTA	BIOTA	TACENPTH	205	UG/KG	CYATHURA	POL ITA
476	XIF4327	890807	11 31	21	39997	JULE	BA	0	3914170	7622410	0	L	180	BIOTA	BIOTA	TANTHRAC	205	UG/KG	CYATHURA	POL ITA
477	XIF4327	890807	11 31	21	39997	JULE	BA	0	3914170	7622410	0	L	180	BIOTA	BIOTA	TBZGHIP	205	UG/KG	CYATHURA	POL ITA
478	XIF4327	890807	11 31	21	39997	JULE	BA	0	3914170	7622410	0	L	180	BIOTA	BIOTA	FLUORENE	205	UG/KG	CYATHURA	POL ITA
479	XIF4327	890807	11 31	21	39997	JULE	BA	0	3914170	7622410	0	L	180	BIOTA	BIOTA	PHENANTH	205	UG/KG	CYATHURA	POL ITA
480	XIF4327	890807	11 31	21	39997	JULE	BA	0	3914170	7622410	0	L	180	BIOTA	BIOTA	TDIBZANA	205	UG/KG	CYATHURA	POL ITA
481	XIF4327	890807	11 31	21	39997	JULE	BA	0	3914170	7622410	0	L	180	BIOTA	BIOTA	INDEN123	205	UG/KG	CYATHURA	POL ITA
482	XIF4327	890807	11 31	21	39997	JULE	BA	0	3914170	7622410	0	L	180	BIOTA	BIOTA	TPYRENE	205	UG/KG	CYATHURA	POL ITA
483	XIF4327	890807	11 31	21	39997	JULE	BA	0	3914170	7622410	0	L	180	BIOTA	BIOTA	LINURON	53	UG/KG	CYATHURA	POL ITA
484	XIF4327	890807	11 31	21	39997	JULE	BA	0	3914170	7622410	0	L	180	BIOTA	BIOTA	TALP-BHC	53	UG/KG	CYATHURA	POL ITA
485	XIF4327	890807	11 31	21	39997	JULE	BA	0	3914170	7622410	0	L	180	BIOTA	BIOTA	TBFT-BHC	53	UG/KG	CYATHURA	POL ITA
486	XIF4327	890807	11 31	21	39997	JULE	BA	0	3914170	7622410	0	L	180	BIOTA	BIOTA	TBUTREP	54	UG/KG	CYATHURA	POL ITA
487	XIF4327	890807	11 31	21	39997	JULE	BA	0	3914170	7622410	0	L	180	BIOTA	BIOTA	TFLURANTHENE	205	UG/KG	CYATHURA	POL ITA
488	XIF4327	890807	11 31	21	39997	JULE	BA	0	3914170	7622410	0	L	180	BIOTA	BIOTA	TNAPHTHALENE	205	UG/KG	CYATHURA	POL ITA
489	XIF4327	890807	11 31	21	39997	JULE	BA	0	3914170	7622410	0	L	180	BIOTA	BIOTA	ITOXAPHENE	53	UG/KG	CYATHURA	POL ITA
490	XIF4327	890807	11 31	21	39997	JULE	BA	0	3914170	7622410	0	L	180	BIOTA	BIOTA	TRIFLURALINE	53	UG/KG	CYATHURA	POL ITA
491	XIF4316	890807	16 54	15	2139997	JULE	BA	0	3914280	7621340	0	L	2	BIOTA	BIOTA	TCHROMUM	29	MG/KG	SPOT	
492	XIF4316	890807	16 54	15	2139997	JULE	BA	0	3914280	7621340	0	L	2	BIOTA	BIOTA	TCHROMUM	29	MG/KG	SPOT	
493	XIF4316	890807	16 54	15	2139997	JULE	BA	0	3914280	7621340	0	L	2	BIOTA	BIOTA	TNICKEL	34	MG/KG	SPOT	
494	XIF4316	890807	16 54	15	2139997	JULE	BA	0	3914280	7621340	0	L	24	BIOTA	BIOTA	TNICKEL	34	MG/KG	SPOT	
495	XIF4316	890807	16 54	15	2139997	JULE	BA	0	3914280	7621340	0	L	1	BIOTA	BIOTA	TINDANE	53	US/KG	SPOT	
496	XIF4316	890807	16 54	15	2139997	JULE	BA	0	3914280	7621340	0	L	1	BIOTA	BIOTA	TINDANE	53	UG/KG	SPOT	

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11:41 TUESDAY, JANUARY 30, 1990 16

OBSS	STATION	DATE	TIME	DEPTH	WATER	WIND	COUNTRY	SHIP	LONGITUDE	LATITUDE	PARAM	VALU	MEDIA	METHOD	UNIT	SPCODE
545	XIF4516	890807	1654	15	0000	0000	BA	POOLED	7621340	11111	1111	1	BIOTA	TBENZANT	205	UG/KG SPOT
546	XIF4516	890807	1654	15	0000	0000	BA	POOLED	7621340	11111	1111	1	BIOTA	TBFNZANT	205	UG/KG SPOT
547	XIF4516	890807	1654	15	0000	0000	BA	POOLED	7621340	11111	1111	1	BIOTA	TBENZPYR	205	UG/KG SPOT
548	XIF4516	890807	1654	15	0000	0000	BA	POOLED	7621340	11111	1111	1	BIOTA	TRENZPYR	205	UG/KG SPOT
549	XIF4516	890807	1654	15	0000	0000	BA	POOLED	7621340	11111	1111	1	BIOTA	TRENZFLR	205	UG/KG SPOT
550	XIF4516	890807	1654	15	0000	0000	BA	POOLED	7621340	11111	1111	1	BIOTA	TRENZFLR	205	UG/KG SPOT
551	XIF4516	890807	1654	15	0000	0000	BA	POOLED	7621340	11111	1111	1	BIOTA	TRENZFLR	205	UG/KG SPOT
552	XIF4516	890807	1654	15	0000	0000	BA	POOLED	7621340	11111	1111	1	BIOTA	TRENZFLR	205	UG/KG SPOT
553	XIF4516	890807	1654	15	0000	0000	BA	POOLED	7621340	11111	1111	1	BIOTA	TCHRYSEN	205	UG/KG SPOT
554	XIF4516	890807	1654	15	0000	0000	BA	POOLED	7621340	11111	1111	1	BIOTA	TCHRYSEN	205	UG/KG SPOT
555	XIF4516	890807	1654	15	0000	0000	BA	POOLED	7621340	11111	1111	1	BIOTA	TACENPTH	205	UG/KG SPOT
556	XIF4516	890807	1654	15	0000	0000	BA	POOLED	7621340	11111	1111	1	BIOTA	TACENPTH	205	UG/KG SPOT
557	XIF4516	890807	1654	15	0000	0000	BA	POOLED	7621340	11111	1111	1	BIOTA	TACENPTH	205	UG/KG SPOT
558	XIF4516	890807	1654	15	0000	0000	BA	POOLED	7621340	11111	1111	1	BIOTA	TACENPTH	205	UG/KG SPOT
559	XIF4516	890807	1654	15	0000	0000	BA	POOLED	7621340	11111	1111	1	BIOTA	TANTHRAC	205	UG/KG SPOT
560	XIF4516	890807	1654	15	0000	0000	BA	POOLED	7621340	11111	1111	1	BIOTA	TANTHRAC	205	UG/KG SPOT
561	XIF4516	890807	1654	15	0000	0000	BA	POOLED	7621340	11111	1111	1	BIOTA	IBZGRIP	205	UG/KG SPOT
562	XIF4516	890807	1654	15	0000	0000	BA	POOLED	7621340	11111	1111	1	BIOTA	IBZGRIP	205	UG/KG SPOT
563	XIF4516	890807	1654	15	0000	0000	BA	POOLED	7621340	11111	1111	1	BIOTA	IBZGRIP	205	UG/KG SPOT
564	XIF4516	890807	1654	15	0000	0000	BA	POOLED	7621340	11111	1111	1	BIOTA	IBZGRIP	205	UG/KG SPOT
565	XIF4516	890807	1654	15	0000	0000	BA	POOLED	7621340	11111	1111	1	BIOTA	FLUORENE	205	UG/KG SPOT
566	XIF4516	890807	1654	15	0000	0000	BA	POOLED	7621340	11111	1111	1	BIOTA	FLUORENE	205	UG/KG SPOT
567	XIF4516	890807	1654	15	0000	0000	BA	POOLED	7621340	11111	1111	1	BIOTA	PHENANTH	205	UG/KG SPOT
568	XIF4516	890807	1654	15	0000	0000	BA	POOLED	7621340	11111	1111	1	BIOTA	PHENANTH	205	UG/KG SPOT
569	XIF4516	890807	1654	15	0000	0000	BA	POOLED	7621340	11111	1111	1	BIOTA	TDIBZAH	205	UG/KG SPOT
570	XIF4516	890807	1654	15	0000	0000	BA	POOLED	7621340	11111	1111	1	BIOTA	TDIBZAH	205	UG/KG SPOT
571	XIF4516	890807	1654	15	0000	0000	BA	POOLED	7621340	11111	1111	1	BIOTA	INDEN123	205	UG/KG SPOT
572	XIF4516	890807	1654	15	0000	0000	BA	POOLED	7621340	11111	1111	1	BIOTA	INDEN123	205	UG/KG SPOT
573	XIF4516	890807	1654	15	0000	0000	BA	POOLED	7621340	11111	1111	1	BIOTA	TPYRENE	205	UG/KG SPOT
574	XIF4516	890807	1654	15	0000	0000	BA	POOLED	7621340	11111	1111	1	BIOTA	TPYRENE	205	UG/KG SPOT
575	XIF4516	890807	1654	15	0000	0000	BA	POOLED	7621340	11111	1111	1	BIOTA	LINURON	53	UG/KG SPOT
576	XIF4516	890807	1654	15	0000	0000	BA	POOLED	7621340	11111	1111	1	BIOTA	LINURON	53	UG/KG SPOT
577	XIF4516	890807	1654	15	0000	0000	BA	POOLED	7621340	11111	1111	1	BIOTA	TALP-BHC	53	UG/KG SPOT
578	XIF4516	890807	1654	15	0000	0000	BA	POOLED	7621340	11111	1111	1	BIOTA	TALP-BHC	53	UG/KG SPOT
579	XIF4516	890807	1654	15	0000	0000	BA	POOLED	7621340	11111	1111	1	BIOTA	TBET-BHC	53	UG/KG SPOT
580	XIF4516	890807	1654	15	0000	0000	BA	POOLED	7621340	11111	1111	1	BIOTA	TBET-BHC	53	UG/KG SPOT
581	XIF4516	890807	1654	15	0000	0000	BA	POOLED	7621340	11111	1111	1	BIOTA	TBUTPEP	54	UG/KG SPOT
582	XIF4516	890807	1654	15	0000	0000	BA	POOLED	7621340	11111	1111	1	BIOTA	TBUTPEP	54	UG/KG SPOT
583	XIF4516	890807	1654	15	0000	0000	BA	POOLED	7621340	11111	1111	1	BIOTA	TFLUORANTHENE	205	UG/KG SPOT
584	XIF4516	890807	1654	15	0000	0000	BA	POOLED	7621340	11111	1111	1	BIOTA	TFLUORANTHENE	205	UG/KG SPOT
585	XIF4516	890807	1654	15	0000	0000	BA	POOLED	7621340	11111	1111	1	BIOTA	TNAPHTHENE	205	UG/KG SPOT
586	XIF4516	890807	1654	15	0000	0000	BA	POOLED	7621340	11111	1111	1	BIOTA	TNAPHTHENE	205	UG/KG SPOT
587	XIF4516	890807	1654	15	0000	0000	BA	POOLED	7621340	11111	1111	1	BIOTA	ITOXAPHENE	53	UG/KG SPOT
588	XIF4516	890807	1654	15	0000	0000	BA	POOLED	7621340	11111	1111	1	BIOTA	ITOXAPHENE	53	UG/KG SPOT
589	XIF4715	890807	1219	17	0000	0000	BA	POOLED	7621280	11111	1111	10	BIOTA	TRIFLURALINE	53	UG/KG SPOT
590	XIF4715	890807	1219	17	0000	0000	BA	POOLED	7621280	11111	1111	10	BIOTA	TRIFLURALINE	53	UG/KG SPOT
591	XIF4715	890807	1219	17	0000	0000	BA	POOLED	7621280	11111	1111	1	BIOTA	TCHROMUM	34	HG/KG BRACKISH WATER CLAM
592	XIF4715	890807	1219	17	0000	0000	BA	POOLED	7621280	11111	1111	1	BIOTA	TCHROMUM	34	HG/KG BRACKISH WATER CLAM







STATION	DATE	TIME	DEPTH	GASLN	SUBMITTER	SAMP MTH	COUNTY	WATHER	LATITUDE	LONGITUDE	REPORT CODE	VALU F	MEDIA	MEDICAL	PARAM	METHOD	UNITS	SOURCE	
659	XIF4715	890807	1219	21139997	1	1	BA	0	3914400	7621230	1	10	BICOTA	ILINDANE	53	UG/KG	CYATHURA	POLITA	
670	XIF4715	890807	1219	21139997	1	1	BA	0	3914400	7621230	1	10	BICOTA	TOTALODY	53	UG/KG	CYATHURA	POLITA	
671	XIF4715	890807	1219	21139997	1	1	BA	0	3914400	7621230	1	10	BICOTA	DDD	53	UG/KG	CYATHURA	POLITA	
672	XIF4715	890807	1219	21139997	1	1	BA	0	3914400	7621230	1	10	BICOTA	DDE	53	UG/KG	CYATHURA	POLITA	
673	XIF4715	890807	1219	21139997	1	1	BA	0	3914400	7621230	1	100	BICOTA	TCHLDANE	53	UG/KG	CYATHURA	POLITA	
674	XIF4715	890807	1219	21139997	1	1	BA	0	3914400	7621230	1	10	BICOTA	TENDRN	53	UG/KG	CYATHURA	POLITA	
675	XIF4715	890807	1219	21139997	1	1	BA	0	3914400	7621230	1	20	BICOTA	THEPTCHL	53	UG/KG	CYATHURA	POLITA	
676	XIF4715	890807	1219	21139997	1	1	BA	0	3914400	7621230	1	10	BICOTA	THEPTCLF	53	UG/KG	CYATHURA	POLITA	
677	XIF4715	890807	1219	21139997	1	1	BA	0	3914400	7621230	1	10	BICOTA	ALDRIN	53	UG/KG	CYATHURA	POLITA	
678	XIF4715	890807	1219	21139997	1	1	BA	0	3914400	7621230	1	10	BICOTA	DELDRN	53	UG/KG	CYATHURA	POLITA	
679	XIF4715	890807	1219	21139997	1	1	BA	0	3914400	7621230	1	20	BICOTA	YLATHN	53	UG/KG	CYATHURA	POLITA	
700	XIF4715	890807	1219	21139997	1	1	BA	0	3914400	7621230	1	440	BICOTA	TRON	45	HG/KG	CYATHURA	POLITA	
711	XIF4715	890807	1219	21139997	1	1	BA	0	3914400	7621230	1	230	BICOTA	YANGAN	40	HG/KG	CYATHURA	POLITA	
721	XIF4715	890807	1219	21139997	1	1	BA	0	3914400	7621230	1	10	BICOTA	ZINC	48	HG/KG	CYATHURA	POLITA	
731	XIF4715	890807	1219	21139997	1	1	BA	0	3914400	7621230	1	10	BICOTA	ICOPPTN	53	UG/KG	CYATHURA	POLITA	
741	XIF4715	890807	1219	21139997	1	1	BA	0	3914400	7621230	1	20	BICOTA	DIAZNOR	53	UG/KG	CYATHURA	POLITA	
751	XIF4715	890807	1219	21139997	1	1	BA	0	3914400	7621230	1	20	BICOTA	WETHPAR	53	UG/KG	CYATHURA	POLITA	
761	XIF4715	890807	1219	21139997	1	1	BA	0	3914400	7621230	1	20	BICOTA	TEHLPAR	53	UG/KG	CYATHURA	POLITA	
771	XIF4715	890807	1219	21139997	1	1	BA	0	3914400	7621230	1	100	BICOTA	TPCRS	53	UG/KG	CYATHURA	POLITA	
781	XIF4715	890807	1219	21139997	1	1	BA	0	3914400	7621230	1	1000	BICOTA	TOBUPTH	54	UG/KG	CYATHURA	POLITA	
791	XIF4715	890807	1219	21139997	1	1	BA	0	3914400	7621230	1	1000	BICOTA	TOIOCTYL	54	UG/KG	CYATHURA	POLITA	
801	XIF4715	890807	1219	21139997	1	1	BA	0	3914400	7621230	1	10000	BICOTA	TOIZETHP	54	UG/KG	CYATHURA	POLITA	
811	XIF4715	890807	1219	21139997	1	1	BA	0	3914400	7621230	1	1000	BICOTA	TOIETHP	54	UG/KG	CYATHURA	POLITA	
821	XIF4715	890807	1219	21139997	1	1	BA	0	3914400	7621230	1	1000	BICOTA	TOIHEPTH	54	UG/KG	CYATHURA	POLITA	
831	XIF4715	890807	1219	21139997	1	1	BA	0	3914400	7621230	1	1000	BICOTA	TBENZANT	205	UG/KG	CYATHURA	POLITA	
841	XIF4715	890807	1219	21139997	1	1	BA	0	3914400	7621230	1	1000	BICOTA	TBENZPYR	205	UG/KG	CYATHURA	POLITA	
851	XIF4715	890807	1219	21139997	1	1	BA	0	3914400	7621230	1	2000	BICOTA	TBENZFLR	205	UG/KG	CYATHURA	POLITA	
861	XIF4715	890807	1219	21139997	1	1	BA	0	3914400	7621230	1	1000	BICOTA	T34BZOFI	205	UG/KG	CYATHURA	POLITA	
871	XIF4715	890807	1219	21139997	1	1	BA	0	3914400	7621230	1	1000	BICOTA	TCHRYSEN	205	UG/KG	CYATHURA	POLITA	
881	XIF4715	890807	1219	21139997	1	1	BA	0	3914400	7621230	1	1000	BICOTA	TACENPTH	205	UG/KG	CYATHURA	POLITA	
891	XIF4715	890807	1219	21139997	1	1	BA	0	3914400	7621230	1	1000	BICOTA	TACENPTH	205	UG/KG	CYATHURA	POLITA	
901	XIF4715	890807	1219	21139997	1	1	BA	0	3914400	7621230	1	1000	BICOTA	TANTHRAC	205	UG/KG	CYATHURA	POLITA	
911	XIF4715	890807	1219	21139997	1	1	BA	0	3914400	7621230	1	2000	BICOTA	T3ZGHP	205	UG/KG	CYATHURA	POLITA	
921	XIF4715	890807	1219	21139997	1	1	BA	0	3914400	7621230	1	1000	BICOTA	FLUORENE	205	UG/KG	CYATHURA	POLITA	
931	XIF4715	890807	1219	21139997	1	1	BA	0	3914400	7621230	1	1000	BICOTA	PHENANTH	205	UG/KG	CYATHURA	POLITA	
941	XIF4715	890807	1219	21139997	1	1	BA	0	3914400	7621230	1	2000	BICOTA	TOIBZAH	205	UG/KG	CYATHURA	POLITA	
951	XIF4715	890807	1219	21139997	1	1	BA	0	3914400	7621230	1	2000	BICOTA	INDEN123	205	UG/KG	CYATHURA	POLITA	
961	XIF4715	890807	1219	21139997	1	1	BA	0	3914400	7621230	1	1000	BICOTA	TPYRENE	205	UG/KG	CYATHURA	POLITA	
971	XIF4715	890807	1219	21139997	1	1	BA	0	3914400	7621230	1	20	BICOTA	LIMURON	53	UG/KG	CYATHURA	POLITA	
981	XIF4715	890807	1219	21139997	1	1	BA	0	3914400	7621230	1	10	BICOTA	TBP-BHC	53	UG/KG	CYATHURA	POLITA	
991	XIF4715	890807	1219	21139997	1	1	BA	0	3914400	7621230	1	10	BICOTA	TBT-BHC	53	UG/KG	CYATHURA	POLITA	
1001	XIF4715	890807	1219	21139997	1	1	BA	0	3914400	7621230	1	1000	BICOTA	TOUTBP	54	UG/KG	CYATHURA	POLITA	
1011	XIF4715	890807	1219	21139997	1	1	BA	0	3914400	7621230	1	1000	BICOTA	FLUORANTHENE	205	UG/KG	CYATHURA	POLITA	
1021	XIF4715	890807	1219	21139997	1	1	BA	0	3914400	7621230	1	1000	BICOTA	INAPHTHENE	205	UG/KG	CYATHURA	POLITA	
1031	XIF4715	890807	1219	21139997	1	1	BA	0	3914400	7621230	1	10	BICOTA	INDOXAPHENE	53	UG/KG	CYATHURA	POLITA	
1041	XIF4715	890807	1219	21139997	1	1	BA	0	3914400	7621230	1	20	BICOTA	TRIFLURALINE	53	UG/KG	CYATHURA	POLITA	
1051	XIF408	890807	1343	21139997	1	1	BA	0	3914250	7620330	1	2	BICOTA	TCARDIUM	53	UG/KG	BRACKISH WATER CLAM		





STATION	DATE	TIME	DEPTH	BASIN	SUMMITER	SAMPLES/H	COUNTY	WATER	DEPTH	LATITUDE	LONGITUDE	REFCODE	DATA	VALUE	UNIT	PARAM	UNIT	CODE	DESCRIPTION	
8334	XI	F5710	6	890807	1353	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	THIFLURALINE	53 UG/KG	BRACKISH WATER CLAM
8335	XI	F5710	10	890807	1411	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	TCHROMIUM	53 NG/KG	UNIDENT POLYCHAETE
8336	XI	F5710	10	890807	1411	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	NICKEL	53 NG/KG	UNIDENT POLYCHAETE
8337	XI	F5710	10	890807	1411	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	TINDANE	53 UG/KG	UNIDENT POLYCHAETE
8338	XI	F5710	10	890807	1411	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	TOTALDUT	53 UG/KG	UNIDENT POLYCHAETE
8339	XI	F5710	10	890807	1411	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	DDD	53 UG/KG	UNIDENT POLYCHAETE
8400	XI	F5710	10	890807	1411	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	UDE	53 UG/KG	UNIDENT POLYCHAETE
8401	XI	F5710	10	890807	1411	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	TCHLDANE	53 UG/KG	UNIDENT POLYCHAETE
8402	XI	F5710	10	890807	1411	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	TENDPIN	53 UG/KG	UNIDENT POLYCHAETE
8403	XI	F5710	10	890807	1411	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	THEPTCLP	53 UG/KG	UNIDENT POLYCHAETE
8404	XI	F5710	10	890807	1411	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	THTPTCLEP	53 UG/KG	UNIDENT POLYCHAETE
8405	XI	F5710	10	890807	1411	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	ALDRIN	53 UG/KG	UNIDENT POLYCHAETE
8406	XI	F5710	10	890807	1411	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	TOJELDKN	53 UG/KG	UNIDENT POLYCHAETE
8407	XI	F5710	10	890807	1411	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	THALATHN	53 UG/KG	UNIDENT POLYCHAETE
8408	XI	F5710	10	890807	1411	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	IRON	40 NG/KG	UNIDENT POLYCHAETE
8409	XI	F5710	10	890807	1411	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	TMANGAN	48 NG/KG	UNIDENT POLYCHAETE
8410	XI	F5710	10	890807	1411	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	TZINC	45 NG/KG	UNIDENT POLYCHAETE
8411	XI	F5710	10	890807	1411	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	TCOPPER	51 NG/KG	UNIDENT POLYCHAETE
8412	XI	F5710	10	890807	1411	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	TATRAZIN	53 UG/KG	UNIDENT POLYCHAETE
8413	XI	F5710	10	890807	1411	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	TOJAZNON	53 UG/KG	UNIDENT POLYCHAETE
8414	XI	F5710	10	890807	1411	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	TETHPAR	53 UG/KG	UNIDENT POLYCHAETE
8415	XI	F5710	10	890807	1411	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	TCYHLPAR	53 UG/KG	UNIDENT POLYCHAETE
8416	XI	F5710	10	890807	1411	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	TCY95	53 UG/KG	UNIDENT POLYCHAETE
8417	XI	F5710	10	890807	1411	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	TDCY95	53 UG/KG	UNIDENT POLYCHAETE
8418	XI	F5710	10	890807	1411	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	TDTRUPTH	54 UG/KG	UNIDENT POLYCHAETE
8419	XI	F5710	10	890807	1411	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	TDIOCTYL	54 UG/KG	UNIDENT POLYCHAETE
8420	XI	F5710	10	890807	1411	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	TDI2ETHP	54 UG/KG	UNIDENT POLYCHAETE
8421	XI	F5710	10	890807	1411	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	TDI2ETHP	54 UG/KG	UNIDENT POLYCHAETE
8422	XI	F5710	10	890807	1411	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	TDI2ETHP	54 UG/KG	UNIDENT POLYCHAETE
8423	XI	F5710	10	890807	1411	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	TDI2ETHP	54 UG/KG	UNIDENT POLYCHAETE
8424	XI	F5710	10	890807	1411	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	TDI2ETHP	54 UG/KG	UNIDENT POLYCHAETE
8425	XI	F5710	10	890807	1411	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	TRENZANT	205 UG/KG	UNIDENT POLYCHAETE
8426	XI	F5710	10	890807	1411	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	TRENZPYR	205 UG/KG	UNIDENT POLYCHAETE
8427	XI	F5710	10	890807	1411	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	TRENZFLR	205 UG/KG	UNIDENT POLYCHAETE
8428	XI	F5710	10	890807	1411	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	T34B2OFL	205 UG/KG	UNIDENT POLYCHAETE
8429	XI	F5710	10	890807	1411	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	TCHRYSEN	205 UG/KG	UNIDENT POLYCHAETE
8430	XI	F5710	10	890807	1411	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	TACENPTH	205 UG/KG	UNIDENT POLYCHAETE
8431	XI	F5710	10	890807	1411	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	TACENPTH	205 UG/KG	UNIDENT POLYCHAETE
8432	XI	F5710	10	890807	1411	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	TANTHRAC	205 UG/KG	UNIDENT POLYCHAETE
8433	XI	F5710	10	890807	1411	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	TBZGHTP	205 UG/KG	UNIDENT POLYCHAETE
8434	XI	F5710	10	890807	1411	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	FLUORENE	205 UG/KG	UNIDENT POLYCHAETE
8435	XI	F5710	10	890807	1411	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	PHENANTH	205 UG/KG	UNIDENT POLYCHAETE
8436	XI	F5710	10	890807	1411	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	TDIBZAH	205 UG/KG	UNIDENT POLYCHAETE
8437	XI	F5710	10	890807	1411	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	INDEN123	205 UG/KG	UNIDENT POLYCHAETE
8438	XI	F5710	10	890807	1411	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	TPYRENE	205 UG/KG	UNIDENT POLYCHAETE
8439	XI	F5710	10	890807	1411	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	LINURON	53 UG/KG	UNIDENT POLYCHAETE
8440	XI	F5710	10	890807	1411	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	TALP-RHC	53 UG/KG	UNIDENT POLYCHAETE
8441	XI	F5710	10	890807	1411	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	TBT-RHC	53 UG/KG	UNIDENT POLYCHAETE
8442	XI	F5710	10	890807	1411	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	TBUTBPC	53 UG/KG	UNIDENT POLYCHAETE
8443	XI	F5710	10	890807	1411	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	TFLUORANTHENE	205 UG/KG	UNIDENT POLYCHAETE
8444	XI	F5710	10	890807	1411	2139997	1	POOL	ED	HA	0	0	3915390	7620570	1	BIOTA	BIOTA	THAPYTHALENE	205 UG/KG	UNIDENT POLYCHAETE

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JRS	STATION	DATE	TIME	DEPTH	BASIN	SAMPLER	SUBMITTER	COUNTY	WEATHER	LATITUDE	LONGITUDE	DEPTH	DATE	VALUE	MEDIA	MEDIA CL	PARAM	METHOD	UNITS	SCOPE
8822	XIF5710	890807	1411	6	213	9997	1	BA	0	391	5390	7620577	L	100	BIOTA	BIOTA	TOXAPHENE	53	UG/KG	UNIDENT
8823	XIF5710	890807	1411	6	213	9997	1	BA	0	391	5390	7620577	L	20	BIOTA	BIOTA	TRICHLURALNE	53	UG/KG	UNIDENT
8824	XIF5710	890807	1411	6	213	9997	1	BA	0	391	5390	7620577	L	22	BIOTA	BIOTA	TCHROMUM	29	MG/KG	BRACKISH
8825	XIF5710	890807	1411	6	213	9997	1	BA	0	391	5390	7620577	L	27	BIOTA	BIOTA	TCHROMUM	34	MG/KG	BRACKISH
8826	XIF5710	890807	1411	6	213	9997	1	BA	0	391	5390	7620577	L	27	BIOTA	BIOTA	TNICKEL	34	MG/KG	BRACKISH
8827	XIF5710	890807	1411	6	213	9997	1	BA	0	391	5390	7620577	L	11	BIOTA	BIOTA	TINDANE	53	UG/KG	BRACKISH
8828	XIF5710	890807	1411	6	213	9997	1	BA	0	391	5390	7620577	L	11	BIOTA	BIOTA	TINDANE	53	UG/KG	BRACKISH
8829	XIF5710	890807	1411	6	213	9997	1	BA	0	391	5390	7620577	L	11	BIOTA	BIOTA	TOTALDDT	53	UG/KG	BRACKISH
8830	XIF5710	890807	1411	6	213	9997	1	BA	0	391	5390	7620577	L	11	BIOTA	BIOTA	TOTALDDT	53	UG/KG	BRACKISH
8831	XIF5710	890807	1411	6	213	9997	1	BA	0	391	5390	7620577	L	11	BIOTA	BIOTA	DDD	53	UG/KG	BRACKISH
8832	XIF5710	890807	1411	6	213	9997	1	BA	0	391	5390	7620577	L	11	BIOTA	BIOTA	DDD	53	UG/KG	BRACKISH
8833	XIF5710	890807	1411	6	213	9997	1	BA	0	391	5390	7620577	L	11	BIOTA	BIOTA	DDE	53	UG/KG	BRACKISH
8834	XIF5710	890807	1411	6	213	9997	1	BA	0	391	5390	7620577	L	11	BIOTA	BIOTA	DOE	53	UG/KG	BRACKISH
8835	XIF5710	890807	1411	6	213	9997	1	BA	0	391	5390	7620577	L	10	BIOTA	BIOTA	TCHLDANE	53	UG/KG	BRACKISH
8836	XIF5710	890807	1411	6	213	9997	1	BA	0	391	5390	7620577	L	11	BIOTA	BIOTA	TCHLDANE	53	UG/KG	BRACKISH
8837	XIF5710	890807	1411	6	213	9997	1	BA	0	391	5390	7620577	L	11	BIOTA	BIOTA	TENDRIN	53	UG/KG	BRACKISH
8838	XIF5710	890807	1411	6	213	9997	1	BA	0	391	5390	7620577	L	11	BIOTA	BIOTA	TENDRIN	53	UG/KG	BRACKISH
8839	XIF5710	890807	1411	6	213	9997	1	BA	0	391	5390	7620577	L	22	BIOTA	BIOTA	THEPTCHL	53	UG/KG	BRACKISH
8840	XIF5710	890807	1411	6	213	9997	1	BA	0	391	5390	7620577	L	11	BIOTA	BIOTA	THEPTCHL	53	UG/KG	BRACKISH
8841	XIF5710	890807	1411	6	213	9997	1	BA	0	391	5390	7620577	L	11	BIOTA	BIOTA	THPTCLEP	53	UG/KG	BRACKISH
8842	XIF5710	890807	1411	6	213	9997	1	BA	0	391	5390	7620577	L	11	BIOTA	BIOTA	THPTCLEP	53	UG/KG	BRACKISH
8843	XIF5710	890807	1411	6	213	9997	1	BA	0	391	5390	7620577	L	11	BIOTA	BIOTA	ALDRIN	53	UG/KG	BRACKISH
8844	XIF5710	890807	1411	6	213	9997	1	BA	0	391	5390	7620577	L	11	BIOTA	BIOTA	ALDRIN	53	UG/KG	BRACKISH
8845	XIF5710	890807	1411	6	213	9997	1	BA	0	391	5390	7620577	L	11	BIOTA	BIOTA	TDIEDLRN	53	UG/KG	BRACKISH
8846	XIF5710	890807	1411	6	213	9997	1	BA	0	391	5390	7620577	L	11	BIOTA	BIOTA	TDIEDLRN	53	UG/KG	BRACKISH
8847	XIF5710	890807	1411	6	213	9997	1	BA	0	391	5390	7620577	L	22	BIOTA	BIOTA	TMALATHN	53	UG/KG	BRACKISH
8848	XIF5710	890807	1411	6	213	9997	1	BA	0	391	5390	7620577	L	21	BIOTA	BIOTA	TMALATHN	53	UG/KG	BRACKISH
8849	XIF5710	890807	1411	6	213	9997	1	BA	0	391	5390	7620577	L	30	BIOTA	BIOTA	TIRON	40	MG/KG	BRACKISH
8850	XIF5710	890807	1411	6	213	9997	1	BA	0	391	5390	7620577	L	30	BIOTA	BIOTA	TIRON	40	MG/KG	BRACKISH
8851	XIF5710	890807	1411	6	213	9997	1	BA	0	391	5390	7620577	L	46	BIOTA	BIOTA	TMANGAN	43	MG/KG	BRACKISH
8852	XIF5710	890807	1411	6	213	9997	1	BA	0	391	5390	7620577	L	24	BIOTA	BIOTA	TMANGAN	43	MG/KG	BRACKISH
8853	XIF5710	890807	1411	6	213	9997	1	BA	0	391	5390	7620577	L	24	BIOTA	BIOTA	TZINC	48	MG/KG	BRACKISH
8854	XIF5710	890807	1411	6	213	9997	1	BA	0	391	5390	7620577	L	24	BIOTA	BIOTA	TZINC	48	MG/KG	BRACKISH
8855	XIF5710	890807	1411	6	213	9997	1	BA	0	391	5390	7620577	L	24	BIOTA	BIOTA	TCOPPER	51	MG/KG	BRACKISH
8856	XIF5710	890807	1411	6	213	9997	1	BA	0	391	5390	7620577	L	24	BIOTA	BIOTA	TCOPPER	51	MG/KG	BRACKISH
8857	XIF5710	890807	1411	6	213	9997	1	BA	0	391	5390	7620577	L	24	BIOTA	BIOTA	TATRAZIN	53	UG/KG	BRACKISH
8858	XIF5710	890807	1411	6	213	9997	1	BA	0	391	5390	7620577	L	24	BIOTA	BIOTA	TATRAZIN	53	UG/KG	BRACKISH
8859	XIF5710	890807	1411	6	213	9997	1	BA	0	391	5390	7620577	L	24	BIOTA	BIOTA	TDIAZNON	53	UG/KG	BRACKISH
8860	XIF5710	890807	1411	6	213	9997	1	BA	0	391	5390	7620577	L	24	BIOTA	BIOTA	TDIAZNON	53	UG/KG	BRACKISH
8861	XIF5710	890807	1411	6	213	9997	1	BA	0	391	5390	7620577	L	24	BIOTA	BIOTA	TETHPAR	53	UG/KG	BRACKISH
8862	XIF5710	890807	1411	6	213	9997	1	BA	0	391	5390	7620577	L	24	BIOTA	BIOTA	TETHPAR	53	UG/KG	BRACKISH
8863	XIF5710	890807	1411	6	213	9997	1	BA	0	391	5390	7620577	L	24	BIOTA	BIOTA	TETHLPAR	53	UG/KG	BRACKISH
8864	XIF5710	890807	1411	6	213	9997	1	BA	0	391	5390	7620577	L	24	BIOTA	BIOTA	TETHLPAR	53	UG/KG	BRACKISH
8865	XIF5710	890807	1411	6	213	9997	1	BA	0	391	5390	7620577	L	24	BIOTA	BIOTA	TPCBS	53	UG/KG	BRACKISH
8866	XIF5710	890807	1411	6	213	9997	1	BA	0	391	5390	7620577	L	24	BIOTA	BIOTA	TPCBS	53	UG/KG	BRACKISH
8867	XIF5710	890807	1411	6	213	9997	1	BA	0	391	5390	7620577	L	24	BIOTA	BIOTA	TDIBUPHT	54	UG/KG	BRACKISH
8868	XIF5710	890807	1411	6	213	9997	1	BA	0	391	5390	7620577	L	24	BIOTA	BIOTA	TDIBUPHT	54	UG/KG	BRACKISH



11:42 TUESDAY, JANUARY 30, 1990 25

OBS	STATION	DATE	TIME	DEPTH	RASIN	SUB LITER	SAMPNETH	COUNTY	TIDE	WEATHER	LATITUDE	LONGITUDE
977	XIF 5710	890807	1411	6	2139997	1	POOLED	BA		0	3915390	7620570
978	XIF 5710	890807	1411	6	2139997	1	POOLED	BA		0	3915390	7620570
979	XIF 5710	890807	1411	6	2139997	1	POOLED	BA		0	3915390	7620570
980	XIF 5710	890807	1411	6	2139997	1	POOLED	BA		0	3915390	7620570
981	XIF 5710	890807	1411	6	2139997	1	POOLED	BA		0	3915390	7620570
982	XIF 5710	890807	1411	6	2139997	1	POOLED	BA		0	3915390	7620570
983	XIF 5710	890807	1411	6	2139997	1	POOLED	BA		0	3915390	7620570
984	XIF 5710	890807	1411	6	2139997	1	POOLED	BA		0	3915390	7620570
985	XIF 5710	890807	1411	6	2139997	1	POOLED	BA		0	3915390	7620570
986	XIF 5710	890807	1411	6	2139997	1	POOLED	BA		0	3915390	7620570
987	XIF 5710	890807	1411	6	2139997	1	POOLED	BA		0	3915390	7620570
988	XIF 5710	890807	1411	6	2139997	1	POOLED	BA		0	3915390	7620570
989	XIF 5710	890807	1411	6	2139997	1	POOLED	BA		0	3915390	7620570
990	XIF 5710	890807	1411	6	2139997	1	POOLED	BA		0	3915390	7620570
991	XIF 5710	890807	1411	6	2139997	1	POOLED	BA		0	3915390	7620570
992	XIF 5710	890807	1411	6	2139997	1	POOLED	BA		0	3915390	7620570
993	XIF 5710	890807	1411	6	2139997	1	POOLED	BA		0	3915390	7620570
994	XIF 5710	890807	1411	6	2139997	1	POOLED	BA		0	3915390	7620570
995	XIF 5710	890807	1411	6	2139997	1	POOLED	BA		0	3915390	7620570
996	XIF 5710	890807	1411	6	2139997	1	POOLED	BA		0	3915390	7620570
997	XIF 5710	890807	1411	6	2139997	1	POOLED	BA		0	3915390	7620570
998	XIF 5710	890807	1411	6	2139997	1	POOLED	BA		0	3915390	7620570
999	XIF 5710	890807	1411	6	2139997	1	POOLED	BA		0	3915390	7620570
1000	XIF 5710	890807	1411	6	2139997	1	POOLED	BA		0	3915390	7620570
1001	XIF 5710	890807	1411	6	2139997	1	POOLED	BA		0	3915390	7620570
1002	XIF 5710	390807	1411	6	2139997	1	POOLED	BA		0	3915390	7620570

OBS	REPCODE	DATREM	VALUE	MEDIA	MEDIA CL	PARAM	METHOD	UNITS	SPCODE
977	1	L	10	BIOTA	BIOTA	TOXAPHENE	53	UG/KG	BRACKISH WATER CLAM
978	1	L	10	BIOTA	BIOTA	TOXAPHENE	53	UG/KG	BRACKISH WATER CLAM
979	1	L	2	BIOTA	BIOTA	TRIFLURALINE	53	UG/KG	BRACKISH WATER CLAM
980	1	L	2	BIOTA	BIOTA	TRIFLURALINE	53	UG/KG	BRACKISH WATER CLAM
981	1	L	20	BIOTA	BIOTA	CHROMIUM	53	MG/KG	CYATHURA POLITA
982	1	L	20	BIOTA	BIOTA	CHROMIUM	53	MG/KG	CYATHURA POLITA
983	1	L	10	BIOTA	BIOTA	ILINANE	53	UG/KG	CYATHURA POLITA
984	1	L	10	BIOTA	BIOTA	TOTALDDT	53	UG/KG	CYATHURA POLITA
985	1	L	10	BIOTA	BIOTA	DDT	53	UG/KG	CYATHURA POLITA
986	1	L	10	BIOTA	BIOTA	DDE	53	UG/KG	CYATHURA POLITA
987	1	L	100	BIOTA	BIOTA	TCHELDANE	53	UG/KG	CYATHURA POLITA
988	1	L	10	BIOTA	BIOTA	TENDRIN	53	UG/KG	CYATHURA POLITA
989	1	L	20	BIOTA	BIOTA	HEPTACHL	53	UG/KG	CYATHURA POLITA
990	1	L	10	BIOTA	BIOTA	HEPTACHL	53	UG/KG	CYATHURA POLITA
991	1	L	10	BIOTA	BIOTA	HEPTACHL	53	UG/KG	CYATHURA POLITA
992	1	L	10	BIOTA	BIOTA	HEPTACHL	53	UG/KG	CYATHURA POLITA
993	1	L	20	BIOTA	BIOTA	ALDRIN	53	UG/KG	CYATHURA POLITA
994	1	L	280	BIOTA	BIOTA	DDT	40	MG/KG	CYATHURA POLITA
995	1	L	170	BIOTA	BIOTA	TCHELDANE	45	MG/KG	CYATHURA POLITA
996	1	L	110	BIOTA	BIOTA	TCHELDANE	48	MG/KG	CYATHURA POLITA
997	1	L	30	BIOTA	BIOTA	TCHELDANE	51	MG/KG	CYATHURA POLITA
998	1	L	20	BIOTA	BIOTA	TCHELDANE	53	UG/KG	CYATHURA POLITA
999	1	L	20	BIOTA	BIOTA	TCHELDANE	53	UG/KG	CYATHURA POLITA
1000	1	L	5.20	BIOTA	BIOTA	TCHELDANE	53	UG/KG	CYATHURA POLITA
1001	1	L	20	BIOTA	BIOTA	TCHELDANE	53	UG/KG	CYATHURA POLITA
1002	1	L	100	BIOTA	BIOTA	TCHELDANE	53	UG/KG	CYATHURA POLITA

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UBS	STATION	DATE	TIME	DEPTH	HASIN	SUBMITTE	SAMP METH	COUNTY	TIDE	WEATH	LATITUDE	LONGITUDE	REFCODE	DATAFN	VALUE	MEDIA	REACT	PARAM	METHOD	UNITS	STCODE			
1003	XIF5720	890807	1411	6	2139997	1	POOL	HA	0	0	3915390	7620570	11111	L	1000	BIOTA	BIOTA	TDI	SUPH	54	UG/KG	CYATHURA	POL	ITA
1004	XIF5720	890807	1411	6	2139997	1	POOL	HA	0	0	3915390	7620570	11111	L	1000	BIOTA	BIOTA	TDI	OCTYL	54	UG/KG	CYATHURA	POL	ITA
1005	XIF5720	890807	1411	6	2139997	1	POOL	HA	0	0	3915390	7620570	11111	L	1000	BIOTA	BIOTA	TDI	ETH	54	UG/KG	CYATHURA	POL	ITA
1006	XIF5720	890807	1411	6	2139997	1	POOL	HA	0	0	3915390	7620570	11111	L	1000	BIOTA	BIOTA	TDI	TPH	54	UG/KG	CYATHURA	POL	ITA
1007	XIF5720	890807	1411	6	2139997	1	POOL	HA	0	0	3915390	7620570	11111	L	1000	BIOTA	BIOTA	TDI	DEPTH	54	UG/KG	CYATHURA	POL	ITA
1008	XIF5720	890807	1411	6	2139997	1	POOL	HA	0	0	3915390	7620570	11111	L	1000	BIOTA	BIOTA	TDI	TRENT	205	UG/KG	CYATHURA	POL	ITA
1009	XIF5720	890807	1411	6	2139997	1	POOL	HA	0	0	3915390	7620570	11111	L	1000	BIOTA	BIOTA	TBENZ	PYP	205	UG/KG	CYATHURA	POL	ITA
1010	XIF5720	890807	1411	6	2139997	1	POOL	HA	0	0	3915390	7620570	11111	L	1000	BIOTA	BIOTA	TBENZ	ZFLR	205	UG/KG	CYATHURA	POL	ITA
1011	XIF5720	890807	1411	6	2139997	1	POOL	HA	0	0	3915390	7620570	11111	L	1000	BIOTA	BIOTA	T342	ZOFL	205	UG/KG	CYATHURA	POL	ITA
1012	XIF5720	890807	1411	6	2139997	1	POOL	HA	0	0	3915390	7620570	11111	L	1000	BIOTA	BIOTA	TCHRYSE	N	205	UG/KG	CYATHURA	POL	ITA
1013	XIF5720	890807	1411	6	2139997	1	POOL	HA	0	0	3915390	7620570	11111	L	1000	BIOTA	BIOTA	TACEN	PTH	205	UG/KG	CYATHURA	POL	ITA
1014	XIF5720	890807	1411	6	2139997	1	POOL	HA	0	0	3915390	7620570	11111	L	1000	BIOTA	BIOTA	TACEN	PTH	205	UG/KG	CYATHURA	POL	ITA
1015	XIF5720	890807	1411	6	2139997	1	POOL	HA	0	0	3915390	7620570	11111	L	1000	BIOTA	BIOTA	TANTHRAC		205	UG/KG	CYATHURA	POL	ITA
1016	XIF5720	890807	1411	6	2139997	1	POOL	BA	0	0	3915390	7620570	11111	L	1000	BIOTA	BIOTA	TBZGHIP		205	UG/KG	CYATHURA	POL	ITA
1017	XIF5720	890807	1411	6	2139997	1	POOL	BA	0	0	3915390	7620570	11111	L	1000	BIOTA	BIOTA	FLUORENE		205	UG/KG	CYATHURA	POL	ITA
1018	XIF5720	890807	1411	6	2139997	1	POOL	BA	0	0	3915390	7620570	11111	L	1000	BIOTA	BIOTA	PHENANTH		205	UG/KG	CYATHURA	POL	ITA
1019	XIF5720	890807	1411	6	2139997	1	POOL	BA	0	0	3915390	7620570	11111	L	1000	BIOTA	BIOTA	TDI	BZAH	205	UG/KG	CYATHURA	POL	ITA
1020	XIF5720	890807	1411	6	2139997	1	POOL	BA	0	0	3915390	7620570	11111	L	1000	BIOTA	BIOTA	INDEN	123	205	UG/KG	CYATHURA	POL	ITA
1021	XIF5720	890807	1411	6	2139997	1	POOL	HA	0	0	3915390	7620570	11111	L	1000	BIOTA	BIOTA	TPYRENE		205	UG/KG	CYATHURA	POL	ITA
1022	XIF5720	890807	1411	6	2139997	1	POOL	HA	0	0	3915390	7620570	11111	L	1000	BIOTA	BIOTA	LINURON		205	UG/KG	CYATHURA	POL	ITA
1023	XIF5720	890807	1411	6	2139997	1	POOL	HA	0	0	3915390	7620570	11111	L	10	BIOTA	BIOTA	TALP	-BHC	53	UG/KG	CYATHURA	POL	ITA
1024	XIF5720	890807	1411	6	2139997	1	POOL	HA	0	0	3915390	7620570	11111	L	10	BIOTA	BIOTA	TRET	-BHC	53	UG/KG	CYATHURA	POL	ITA
1025	XIF5720	890807	1411	6	2139997	1	POOL	HA	0	0	3915390	7620570	11111	L	10	BIOTA	BIOTA	TBT	BEP	53	UG/KG	CYATHURA	POL	ITA
1026	XIF5720	890807	1411	6	2139997	1	POOL	HA	0	0	3915390	7620570	11111	L	1000	BIOTA	BIOTA	TFLUORANTHENE		205	UG/KG	CYATHURA	POL	ITA
1027	XIF5720	890807	1411	6	2139997	1	POOL	HA	0	0	3915390	7620570	11111	L	1000	BIOTA	BIOTA	TAPHTH	ENE	205	UG/KG	CYATHURA	POL	ITA
1028	XIF5720	890807	1411	6	2139997	1	POOL	HA	0	0	3915390	7620570	11111	L	100	BIOTA	BIOTA	TYXAPHENE		205	UG/KG	CYATHURA	POL	ITA
1029	XIF5720	890807	1411	6	2139997	1	POOL	HA	0	0	3915390	7620570	11111	L	20	BIOTA	BIOTA	TTRIFLURALINE		53	UG/KG	CYATHURA	POL	ITA
1030	XIF5727	890807	1607	10	2139997	1	POOL	HA	0	0	3915440	7622440	11111	L	1000	BIOTA	BIOTA	TCHROMUM		53	MG/KG	WHITE	PERCH	
1031	XIF5727	890807	1607	10	2139997	1	POOL	HA	0	0	3915440	7622440	11111	L	1000	BIOTA	BIOTA	THICKEL		53	MG/KG	WHITE	PERCH	
1032	XIF5727	890807	1607	10	2139997	1	POOL	HA	0	0	3915440	7622440	11111	L	1000	BIOTA	BIOTA	TLINDANE		53	MG/KG	WHITE	PERCH	
1033	XIF5727	890807	1607	10	2139997	1	POOL	HA	0	0	3915440	7622440	11111	L	1000	BIOTA	BIOTA	TOTALDIT		53	MG/KG	WHITE	PERCH	
1034	XIF5727	890807	1607	10	2139997	1	POOL	HA	0	0	3915440	7622440	11111	L	1000	BIOTA	BIOTA	DDD		53	MG/KG	WHITE	PERCH	
1035	XIF5727	890807	1607	10	2139997	1	POOL	HA	0	0	3915440	7622440	11111	L	1000	BIOTA	BIOTA	DDF		53	MG/KG	WHITE	PERCH	
1036	XIF5727	890807	1607	10	2139997	1	POOL	HA	0	0	3915440	7622440	11111	L	10	BIOTA	BIOTA	TCHLDANE		53	MG/KG	WHITE	PERCH	
1037	XIF5727	890807	1607	10	2139997	1	POOL	HA	0	0	3915440	7622440	11111	L	10	BIOTA	BIOTA	TENORIN		53	MG/KG	WHITE	PERCH	
1038	XIF5727	890807	1607	10	2139997	1	POOL	HA	0	0	3915440	7622440	11111	L	10	BIOTA	BIOTA	THEPTCHL		53	MG/KG	WHITE	PERCH	
1039	XIF5727	890807	1607	10	2139997	1	POOL	HA	0	0	3915440	7622440	11111	L	10	BIOTA	BIOTA	THPTCLE		53	MG/KG	WHITE	PERCH	
1040	XIF5727	890807	1607	10	2139997	1	POOL	HA	0	0	3915440	7622440	11111	L	10	BIOTA	BIOTA	ALDRIN		53	MG/KG	WHITE	PERCH	
1041	XIF5727	890807	1607	10	2139997	1	POOL	HA	0	0	3915440	7622440	11111	L	10	BIOTA	BIOTA	TDI	ELDRN	53	MG/KG	WHITE	PERCH	
1042	XIF5727	890807	1607	10	2139997	1	POOL	HA	0	0	3915440	7622440	11111	L	10	BIOTA	BIOTA	TMALATHN		53	MG/KG	WHITE	PERCH	
1043	XIF5727	890807	1607	10	2139997	1	POOL	HA	0	0	3915440	7622440	11111	L	14	BIOTA	BIOTA	TIRON		40	MG/KG	WHITE	PERCH	
1044	XIF5727	890807	1607	10	2139997	1	POOL	HA	0	0	3915440	7622440	11111	L	27	BIOTA	BIOTA	TMANGAN		45	MG/KG	WHITE	PERCH	
1045	XIF5727	890807	1607	10	2139997	1	POOL	HA	0	0	3915440	7622440	11111	L	20	BIOTA	BIOTA	TZINC		48	MG/KG	WHITE	PERCH	
1046	XIF5727	890807	1607	10	2139997	1	POOL	HA	0	0	3915440	7622440	11111	L	20	BIOTA	BIOTA	TCOPPER		51	MG/KG	WHITE	PERCH	
1047	XIF5727	890807	1607	10	2139997	1	POOL	HA	0	0	3915440	7622440	11111	L	20	BIOTA	BIOTA	TATRAZIN		53	MG/KG	WHITE	PERCH	
1048	XIF5727	890807	1607	10	2139997	1	POOL	HA	0	0	3915440	7622440	11111	L	20	BIOTA	BIOTA	TDIAZON		53	MG/KG	WHITE	PERCH	
1049	XIF5727	890807	1607	10	2139997	1	POOL	HA	0	0	3915440	7622440	11111	L	20	BIOTA	BIOTA	TMETHPAR		53	MG/KG	WHITE	PERCH	
1050	XIF5727	890807	1607	10	2139997	1	POOL	HA	0	0	3915440	7622440	11111	L	20	BIOTA	BIOTA	TETHLPAR		53	MG/KG	WHITE	PERCH	







OB#	STATION	DATE	TIME	DEPTH	WIND	SUNTIME	SAMPLE NO.	COUNTY	TITLE	WATHER	LATITUDE	LONGITUDE	PROGRAM	DATE	VALID	MEDIA	MEDICAL	PARAM	METHOD	UNITS	SPC CODE	
1175	AI 65704	890807	1633	15	11	11	POOLED	HA		0	391544	762022	11	1	BIOTA	BIOTA	TACENPTH	205	UG/KG	SPOT		
1176	AI 65704	890807	1633	15	11	11	POOLED	HA		0	391544	762022	11	1	BIOTA	BIOTA	TANTHRAC	205	UG/KG	SPOT		
1177	AI 65704	890807	1633	15	11	11	POOLED	HA		0	391544	762022	11	1	BIOTA	BIOTA	TANTHRAC	205	UG/KG	SPOT		
1178	AI 65704	890807	1633	15	11	11	POOLED	HA		0	391544	762022	11	1	BIOTA	BIOTA	THZGHP	205	UG/KG	SPOT		
1200	AI 65704	890807	1633	15	11	11	POOLED	HA		0	391544	762022	11	1	BIOTA	BIOTA	THZGHP	205	UG/KG	SPOT		
1201	AI 65704	890807	1633	15	11	11	POOLED	HA		0	391544	762022	11	1	BIOTA	BIOTA	FLUORENE	205	UG/KG	SPOT		
1202	AI 65704	890807	1633	15	11	11	POOLED	HA		0	391544	762022	11	1	BIOTA	BIOTA	FLUORENE	205	UG/KG	SPOT		
1203	AI 65704	890807	1633	15	11	11	POOLED	HA		0	391544	762022	11	1	BIOTA	BIOTA	PHENANTH	205	UG/KG	SPOT		
1204	AI 65704	890807	1633	15	11	11	POOLED	HA		0	391544	762022	11	2	BIOTA	BIOTA	TDIBZAHA	205	UG/KG	SPOT		
1205	AI 65704	890807	1633	15	11	11	POOLED	HA		0	391544	762022	11	2	BIOTA	BIOTA	TDIBZAHA	205	UG/KG	SPOT		
1206	AI 65704	890807	1633	15	11	11	POOLED	HA		0	391544	762022	11	2	BIOTA	BIOTA	INDEN123	205	UG/KG	SPOT		
1207	AI 65704	890807	1633	15	11	11	POOLED	HA		0	391544	762022	11	2	BIOTA	BIOTA	INDEN123	205	UG/KG	SPOT		
1208	AI 65704	890807	1633	15	11	11	POOLED	HA		0	391544	762022	11	1	BIOTA	BIOTA	TPYRENE	205	UG/KG	SPOT		
1209	AI 65704	890807	1633	15	11	11	POOLED	HA		0	391544	762022	11	1	BIOTA	BIOTA	TPYRENE	205	UG/KG	SPOT		
1210	AI 65704	890807	1633	15	11	11	POOLED	HA		0	391544	762022	11	2	BIOTA	BIOTA	LIMURON	53	UG/KG	SPOT		
1211	AI 65704	890807	1633	15	11	11	POOLED	HA		0	391544	762022	11	2	BIOTA	BIOTA	LIMURON	53	UG/KG	SPOT		
1212	AI 65704	890807	1633	15	11	11	POOLED	HA		0	391544	762022	11	1	BIOTA	BIOTA	TALP-BHC	53	UG/KG	SPOT		
1213	AI 65704	890807	1633	15	11	11	POOLED	HA		0	391544	762022	11	1	BIOTA	BIOTA	TALP-BHC	53	UG/KG	SPOT		
1214	AI 65704	890807	1633	15	11	11	POOLED	HA		0	391544	762022	11	1	BIOTA	BIOTA	TRET-BHC	53	UG/KG	SPOT		
1215	AI 65704	890807	1633	15	11	11	POOLED	HA		0	391544	762022	11	1	BIOTA	BIOTA	TRET-BHC	53	UG/KG	SPOT		
1216	AI 65704	890807	1633	15	11	11	POOLED	HA		0	391544	762022	11	1	BIOTA	BIOTA	THUTBEP	54	UG/KG	SPOT		
1217	AI 65704	890807	1633	15	11	11	POOLED	HA		0	391544	762022	11	1	BIOTA	BIOTA	THUTBEP	54	UG/KG	SPOT		
1218	AI 65704	890807	1633	15	11	11	POOLED	HA		0	391544	762022	11	1	BIOTA	BIOTA	TFLUORANTHENE	205	UG/KG	SPOT		
1219	AI 65704	890807	1633	15	11	11	POOLED	HA		0	391544	762022	11	1	BIOTA	BIOTA	TFLUORANTHENE	205	UG/KG	SPOT		
1220	AI 65704	890807	1633	15	11	11	POOLED	HA		0	391544	762022	11	1	BIOTA	BIOTA	THNAPHTHALENE	205	UG/KG	SPOT		
1221	AI 65704	890807	1633	15	11	11	POOLED	HA		0	391544	762022	11	1	BIOTA	BIOTA	THNAPHTHALENE	205	UG/KG	SPOT		
1222	AI 65704	890807	1633	15	11	11	POOLED	HA		0	391544	762022	11	1	BIOTA	BIOTA	THNAPHTHALENE	205	UG/KG	SPOT		
1223	AI 65704	890807	1633	15	11	11	POOLED	HA		0	391544	762022	11	10	BIOTA	BIOTA	TOXAPHENE	53	UG/KG	SPOT		
1224	AI 65704	890807	1633	15	11	11	POOLED	HA		0	391544	762022	11	10	BIOTA	BIOTA	TOXAPHENE	53	UG/KG	SPOT		
1225	AI 65704	890807	1633	15	11	11	POOLED	HA		0	391544	762022	11	10	BIOTA	BIOTA	TRIFLURALINE	53	UG/KG	SPOT		
1226	AI 65704	890807	1633	15	11	11	POOLED	HA		0	391544	762022	11	10	BIOTA	BIOTA	TRIFLURALINE	53	UG/KG	SPOT		
1227	AI 67689	890807	1447	10	11	11	POOLED	HA		0	391658	761851	11	1	BIOTA	BIOTA	TCHROMUM	29	MG/KG	BRACKISH	WATER	CLAM
1228	AI 67689	890807	1447	10	11	11	POOLED	HA		0	391658	761851	11	1	BIOTA	BIOTA	TCHROMUM	29	MG/KG	BRACKISH	WATER	CLAM
1229	AI 67689	890807	1447	10	11	11	POOLED	HA		0	391658	761851	11	1	BIOTA	BIOTA	TRICKEL	34	MG/KG	BRACKISH	WATER	CLAM
1230	AI 67689	890807	1447	10	11	11	POOLED	HA		0	391658	761851	11	1	BIOTA	BIOTA	TLINDANE	53	UG/KG	BRACKISH	WATER	CLAM
1231	AI 67689	890807	1447	10	11	11	POOLED	HA		0	391658	761851	11	1	BIOTA	BIOTA	TLINDANE	53	UG/KG	BRACKISH	WATER	CLAM
1232	AI 67689	890807	1447	10	11	11	POOLED	HA		0	391658	761851	11	1	BIOTA	BIOTA	TOTALOOT	53	UG/KG	BRACKISH	WATER	CLAM
1233	AI 67689	890807	1447	10	11	11	POOLED	HA		0	391658	761851	11	1	BIOTA	BIOTA	TOTALOOT	53	UG/KG	BRACKISH	WATER	CLAM
1234	AI 67689	890807	1447	10	11	11	POOLED	HA		0	391658	761851	11	1	BIOTA	BIOTA	TOTALOOT	53	UG/KG	BRACKISH	WATER	CLAM
1235	AI 67689	890807	1447	10	11	11	POOLED	HA		0	391658	761851	11	1	BIOTA	BIOTA	DDD	53	UG/KG	BRACKISH	WATER	CLAM
1236	AI 67689	890807	1447	10	11	11	POOLED	HA		0	391658	761851	11	1	BIOTA	BIOTA	DDD	53	UG/KG	BRACKISH	WATER	CLAM
1237	AI 67689	890807	1447	10	11	11	POOLED	HA		0	391658	761851	11	1	BIOTA	BIOTA	DDE	53	UG/KG	BRACKISH	WATER	CLAM
1238	AI 67689	890807	1447	10	11	11	POOLED	HA		0	391658	761851	11	1	BIOTA	BIOTA	DDE	53	UG/KG	BRACKISH	WATER	CLAM
1239	AI 67689	890807	1447	10	11	11	POOLED	HA		0	391658	761851	11	10	BIOTA	BIOTA	TCHLDANE	53	UG/KG	BRACKISH	WATER	CLAM
1240	AI 67689	890807	1447	10	11	11	POOLED	HA		0	391658	761851	11	10	BIOTA	BIOTA	TCHLDANE	53	UG/KG	BRACKISH	WATER	CLAM
1241	AI 67689	890807	1447	10	11	11	POOLED	HA		0	391658	761851	11	1	BIOTA	BIOTA	TENDRIN	53	UG/KG	BRACKISH	WATER	CLAM
1242	AI 67689	890807	1447	10	11	11	POOLED	HA		0	391658	761851	11	1	BIOTA	BIOTA	THDRIN	53	UG/KG	BRACKISH	WATER	CLAM
1243	AI 67689	890807	1447	10	11	11	POOLED	HA		0	391658	761851	11	2	BIOTA	BIOTA	THEPTCHL	53	UG/KG	BRACKISH	WATER	CLAM

DATE	TIME	DEPTH	FASTEN	SUBMER	CORRECT	COUNTY	TIDE	HEATH	DEPTH	SPR	REC	DAT	VAL	P	P	P	T	U	S	SP
22	10:00	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
23	10:00	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
24	10:00	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
25	10:00	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
26	10:00	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
27	10:00	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
28	10:00	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
29	10:00	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
30	10:00	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
31	10:00	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100



**PROJECT IV - ANALYTIC SERVICES  
MARTEL LABORATORIES, INC.**

**LABORATORY ANALYSIS REPORTS**



RES SAMPLE ID	RES SAMPLE ID	DATE	YEAR	TIME	DEPTH IN FEET	SAMPLE TYPE	DEPTH IN FEET	SAMPLE LOCATION	SAMPLER	ANALYSIS REQUIRED
080827	3	11-15-88	FALL	1028	15	SEDIMENT	15	XIF3430	HEWESSEE	ORGANICS
080828	17	11-15-88	FALL	1028	17.5	SEDIMENT	17.5	XIF3420	HEWESSEE	ORGANICS
080829	61.3	11-15-88	*	1108	4.2	SEDIMENT	4.2	XIF4415	HEWESSEE	ORGANICS
080830	23-1	11-15-88	*	1108	16.7	SEDIMENT	16.7	XIF3402	HEWESSEE	ORGANICS
080831	24-1	11-15-88	*	1108	16.7	SEDIMENT	16.7	XIF3402	HEWESSEE	ORGANICS
080822	24-3	11-15-88	*	1028	16.7	SEDIMENT	16.7	XIF3402	HEWESSEE	ORGANICS
080823	28	11-15-88	*	1028	19	SEDIMENT	19	XIF5499	HEWESSEE	ORGANICS
080824	21.8	11-15-88	*	1028	13	SEDIMENT	13	XIF5505	HEWESSEE	ORGANICS
080825	61.6	11-15-88	*	1028	10.3	SEDIMENT	10.3	XIF3925	HEWESSEE	ORGANICS
080826	23	11-15-88	*	1028	11	SEDIMENT	11	XIF4442	HEWESSEE	ORGANICS
080821	16-1	12-1-88	FALL	1028	16	SEDIMENT	16	XIF3325	DISCONT	HE/ORG
080822	16-2	12-1-88	FALL	1028	16	SEDIMENT	16	XIF3325	DISCONT	HE/ORG
080833	58-16-3	12-1-88	*	1028	16	SEDIMENT	16	XIF3325	DISCONT	HE/ORG
080884	5-6-1	12-1-88	*	1108	9	SEDIMENT	9	XIF4327	DISCONT	HE/ORG
080885	5-6-2	12-1-88	*	1108	9	SEDIMENT	9	XIF4327	DISCONT	HE/ORG
080886	5-6-3	12-1-88	*	1108	13	SEDIMENT	13	XIF4715	DISCONT	HE/ORG
080887	5-4-1	12-1-88	*	1208	13	SEDIMENT	13	XIF4715	DISCONT	HE/ORG
080888	5-4-2	12-1-88	*	1208	13	SEDIMENT	13	XIF4715	DISCONT	HE/ORG
080889	5-4-3	12-1-88	*	1208	13	SEDIMENT	13	XIF4715	DISCONT	HE/ORG
080890	5-2-1	12-1-88	*	1340	12	SEDIMENT	12	XIF5404	DISCONT	HE/ORG
080891	5-2-2	12-1-88	*	1340	12	SEDIMENT	12	XIF5404	DISCONT	HE/ORG
080892	5-2-3	12-1-88	*	1340	12	SEDIMENT	12	XIF5404	DISCONT	HE/ORG
080893	5-2-4	12-1-88	*	1340	12	SEDIMENT	12	XIF5404	DISCONT	HE/ORG
080894	5-1-1	12-1-88	*	1443	6	SEDIMENT	6	XIF5710	DISCONT	HE/ORG
080895	5-1-2	12-1-88	*	1443	6	SEDIMENT	6	XIF5710	DISCONT	HE/ORG
080896	5-1-3	12-1-88	*	1443	6	SEDIMENT	6	XIF5710	DISCONT	HE/ORG

VEHICLE CODE: CLEAN

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MES SAMPLE ID	USA SAMPLE ID	DATE	SAMPLING QUARTER	TIME	WEATHER CODE *	TIDE	DEPTH IN FEET	SAMPLE TYPE	SAMPLE LOCATION	SAMPLER	ANALYSES REQUIRED
880907	S 1-4	12-1-88	*	1443	1		6	CYATHURA	X1F5710	DUGUAY	MET/ORG
880908	HW 22-1	12-1-88	*	1530	1		15	RANGIA, LG	X1G7489	DUGUAY	MET/ORG
880909	HW 22-2	12-1-88	*	1530	1		15	RANGIA, MD	X1G7489	DUGUAY	MET/ORG
880910	HWIT 1-1	12-1-88	*	1615	1		8	WHITE PERCH	39 15'71" X 76 25'5" (CENTER OF 5' TOW)	DUGUAY	MET/ORG
880911	HWIT 1-2	12-1-88	*	1615	1		8	WHITE PERCH	*	DUGUAY	MET/ORG
880912	HWIT 1-3	12-1-88	*	1615	1		8	SPOT	*	DUGUAY	MET/ORG
880913	HWIT 2-1	12-1-88	*	1600	1		15	WHITE PERCH	39 15'44" X 76 20'22"	DUGUAY	MET/ORG
880914	HWIT 2-2	12-1-88	*	1600	1		15	YELLOW PERCH	*	DUGUAY	MET/ORG
880915	HWIT 2-3	12-1-88	*	1600	1		15	SPOT	*	DUGUAY	MET/ORG
880916	HWIT 4-1	12-1-88	*	0935	1		15	WHITE PERCH	39 12'44" X 76 24'19"	DUGUAY	MET/ORG
880917	HWIT 4-2	12-2-88	*	0935	1		15	WHITE PERCH	*	DUGUAY	MET/ORG
880918	HWIT 4-3	12-2-88	*	0935	1		15	MENHADEN	*	DUGUAY	MET/ORG
880919	HWIT 3-1	12-2-88	*	1015	1		14	WHITE PERCH	39 14'28" X 76 21'34"	DUGUAY	MET/ORG
880919	HWIT 3-2	12-2-88	*	1015	1		14	MENHADEN	*	DUGUAY	MET/ORG
880911	HWIT 3-3	12-2-88	*	1015	1		14	SPOT	*	DUGUAY	MET/ORG

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Certificate of Laboratory Analysis

Martel Laboratory Services, Inc. 1025 Cromwell Bridge Road Baltimore, Maryland 21204 (301) 825-779

Invoice Number 00444

Sample W-9429, 9652, 1082

Samples received/picked up by Martel Laboratory Services. P.O. Number 88-03-1 Project Numbers 32-1695, 32-1605: Hart-Miller Island

RECEIVED JAN 23 1989 Maryland Environmental Service 03

Maryland Environmental Service 2020 Industrial Drive Annapolis, Maryland 21401 Attention: Ms. Dece Donovan

January 16, 1989

Client Identification: MES

Log Identification: W-9429 Date Received: 11/18/88

Sample Id: 880817-11/15/88

Base/Neutral Extractables EPA 8270 see attached
Acid Extractables EPA 8040 see attached
Pesticides/PCB's EPA 8080 see attached

Sample Id: 880818-11/15/88

Base/Neutral Extractables EPA 8270 see attached
Acid Extractables EPA 8040 see attached
Pesticides/PCB's EPA 8080 see attached

Sample Id: 880819-11/15/88

Base/Neutral Extractables EPA 8270 see attached
Acid Extractables EPA 8040 see attached
Pesticides/PCB's EPA 8080 see attached

Sample Id: 880820-11/15/88

Base/Neutral Extractables EPA 8270 see attached
Acid Extractables EPA 8040 see attached
Pesticides/PCB's EPA 8080 see attached



Certificate of Laboratory Analysis

Martel Laboratory Services, Inc. 1025 Cromwell Bridge Road Baltimore, Maryland 21204 (301) 825-7790

Client Identification: MES
Log Identification: W-9429
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Sample Id: 880821-11/15/88

Base/Neutral Extractables EPA 8270 see attached
Acid Extractables EPA 8040 see attached
Pesticides/PCB's EPA 8080 see attached

Sample Id: 880822-11/15/88

Base/Neutral Extractables EPA 8270 see attached
Acid Extractables EPA 8040 see attached
Pesticides/PCB's EPA 8080 see attached

Sample Id: 880823-11/15/88

Base/Neutral Extractables EPA 8270 see attached
Acid Extractables EPA 8040 see attached
Pesticides/PCB's EPA 8080 see attached

Sample Id: 880824-11/15/88

Base/Neutral Extractables EPA 8270 see attached
Acid Extractables EPA 8040 see attached
Pesticides/PCB's EPA 8080 see attached

Sample Id: 880825-11/15/88

Base/Neutral Extractables EPA 8270 see attached
Acid Extractables EPA 8040 see attached
Pesticides/PCB's EPA 8080 see attached

Martel Laboratory Services, Inc. 1025 Cromwell Bridge Road Baltimore, Maryland 21204 (301) 825-779

Client Identification: MES  
 Log Identification: W-9429  
 January 18, 1989  
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Sample Id: 880826-11/15/88

Base/Neutral Extractables	EPA 8270	see	attached
Acid Extractables	EPA 8040	see	attached
Pesticides/PCB's	EPA 8080	see	attached

Log Identification: W-9657  
 Date Received: 12/05/88

*Start Hexo* ↓

Sample Id: 880881, Bangia

Chromium (total)	EPA 218.1	<2	ppm
Iron (total)	EPA 236.1	372	ppm
Manganese	EPA 243.1	54	ppm
Copper (total)	EPA 220.1	3	ppm
Nickel (total)	EPA 249.1	5	ppm
Zinc (total)	EPA 289.1	13	ppm
Pesticides/PCB's	EPA 8080	see	attached
Base/Neutral Extractables	EPA 8270	see	attached

Sample Id: 880882, Macoma

Chromium (total)	EPA 218.1	<2	ppm
Iron (total)	EPA 236.1	860	ppm
Manganese	EPA 243.1	162	ppm
Copper (total)	EPA 220.1	14	ppm
Nickel (total)	EPA 249.1	<2	ppm
Zinc (total)	EPA 289.1	116	ppm
Pesticides/PCB's	EPA 8080	see	attached
Base/Neutral Extractables	EPA 8270	see	attached

Sample Id: 880883, Cyanthura

Chromium (total)	EPA 218.1	<4	ppm
Iron (total)	EPA 236.1	129	ppm
Manganese	EPA 243.1	87	ppm
Copper (total)	EPA 220.1	13	ppm



Certificate of Laboratory Analysis

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Client Identification: MES
Log Identification: W-2652
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Sample Id: 880883, Cyanthura

Table with 4 columns: Analyte, EPA Method, Value, and Unit. Rows include Nickel (total), Zinc (total), Pesticides/PCB's, and Base/Neutral Extractables.

Sample Id: 880884, Rangia

Table with 4 columns: Analyte, EPA Method, Value, and Unit. Rows include Chromium (total), Iron (total), Manganese, Copper (total), Nickel (total), Zinc (total), Pesticides/PCB's, and Base/Neutral Extractables.

Sample Id: 880885, Macoma

Table with 4 columns: Analyte, EPA Method, Value, and Unit. Rows include Chromium (total), Iron (total), Manganese, Copper (total), Nickel (total), Zinc (total), Pesticides/PCB's, and Base/Neutral Extractables.

Sample Id: 880886, Cyanthura

Table with 4 columns: Analyte, EPA Method, Value, and Unit. Rows include Chromium (total), Iron (total), Manganese, Copper (total), Nickel (total), and Zinc (total).

Martel Laboratory Services, Inc. 1025 Cromwell Bridge Road Baltimore, Maryland 21204 (301) 825-779

Client Identification: MES  
Log Identification: W-9652  
January 19, 1989  
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Sample Id: 080886, Cyanthura

Pesticides/PCB's	EPA 8080	see	attached
Base/Neutral Extractables	EPA 8270	see	attached

Sample Id: 880887, Rangia

Chromium (total)	EPA 218.1	<2	ppm
Iron (total)	EPA 236.1	370	ppm
Manganese	EPA 243.1	39	ppm
Copper (total)	EPA 220.1	4	ppm
Nickel (total)	EPA 249.1	<2	ppm
Zinc (total)	EPA 289.1	29	ppm
Pesticides/PCB's	EPA 8080	see	attached
Base/Neutral Extractables	EPA 8270	see	attached

Sample Id: 880888, Macoma

Chromium (total)	EPA 218.1	5	ppm
Iron (total)	EPA 236.1	830	ppm
Manganese	EPA 243.1	195	ppm
Copper (total)	EPA 220.1	15	ppm
Nickel (total)	EPA 249.1	<2	ppm
Zinc (total)	EPA 289.1	50	ppm
Pesticides/PCB's	EPA 8080	see	attached
Base/Neutral Extractables	EPA 8270	see	attached

Sample Id: 880889, Cyanthura

Chromium (total)	EPA 218.1	<20	ppm
Iron (total)	EPA 236.1	140	ppm
Manganese	EPA 243.1	70	ppm
Copper (total)	EPA 220.1	<20	ppm
Nickel (total)	EPA 249.1	<20	ppm
Zinc (total)	EPA 289.1	70	ppm
Pesticides/PCB's	EPA 8080	see	attached
Base/Neutral Extractables	EPA 8270	see	attached



Certificate of Laboratory Analysis

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Baltimore, Maryland 21204

(301) 825-7799

Client Identification: MES
Log Identification: W-9652
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Sample Id: 880890, Balanus

Table with 4 columns: Element, EPA Method, Value, and Unit. Rows include Chromium (total), Iron (total), Manganese, Copper (total), Nickel (total), Zinc (total), Pesticides/PCB's, and Base/Neutral Extractables.

Sample Id: 880891, Congeria

Table with 4 columns: Element, EPA Method, Value, and Unit. Rows include Chromium (total), Iron (total), Manganese, Copper (total), Nickel (total), Zinc (total), Pesticides/PCB's, and Base/Neutral Extractables.

Sample Id: 880892, Rithropanop

Table with 4 columns: Element, EPA Method, Value, and Unit. Rows include Chromium (total), Iron (total), Manganese, Copper (total), Nickel (total), Zinc (total), Pesticides/PCB's, and Base/Neutral Extractables.





Certificate of Laboratory Analysis

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Client Identification: MES
Log Identification: W-9652
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Sample Id: 880895, Rangia

Table with 4 columns: Analyte Name, EPA Method, Value, and Unit. Rows include Chromium (total), Iron (total), Manganese, Copper (total), Nickel (total), Zinc (total), Pesticides/PCB's, and Base/Neutral Extractables.

Sample Id: 880895, Rangia

Table with 4 columns: Analyte Name, EPA Method, Value, and Unit. Rows include Chromium (total), Iron (total), Manganese, Copper (total), Nickel (total), Zinc (total), Pesticides/PCB's, and Base/Neutral Extractables.

Sample Id: 880895, Rangia

Table with 4 columns: Analyte Name, EPA Method, Value, and Unit. Rows include Chromium (total), Iron (total), Manganese, Copper (total), Nickel (total), Zinc (total), Pesticides/PCB's, and Base/Neutral Extractables.



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Client Identification: MES  
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Sample Id: 880896, Mixed Polycheals

Chromium (total)	EPA 218.1	12	ppm
Iron (total)	EPA 236.1	1030	ppm
Manganese	EPA 243.1	60	ppm
Copper (total)	EPA 220.1	8	ppm
Nickel (total)	EPA 249.1	30	ppm
Zinc (total)	EPA 289.1	28	ppm
Pesticides/PCB's	EPA 8080	see	attached
Base/Neutral Extractables	EPA 8270	see	attached

Sample Id: 880897, Cyanthura

Chromium (total)	EPA 218.1	30	ppm
Iron (total)	EPA 236.1	140	ppm
Manganese	EPA 243.1	210	ppm
Copper (total)	EPA 220.1	20	ppm
Nickel (total)	EPA 249.1	120	ppm
Zinc (total)	EPA 289.1	80	ppm
Pesticides/PCB's	EPA 8080	see	attached
Base/Neutral Extractables	EPA 8270	see	attached

Sample Id: 880898, Large Ranqia

Chromium (total)	EPA 218.1	12	ppm
Iron (total)	EPA 236.1	259	ppm
Manganese	EPA 243.1	37	ppm
Copper (total)	EPA 220.1	3	ppm
Nickel (total)	EPA 249.1	5	ppm
Zinc (total)	EPA 289.1	18	ppm
Pesticides/PCB's	EPA 8080	see	attached
Base/Neutral Extractables	EPA 8270	see	attached



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Client Identification: MES
Log Identification: W-9652
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Sample Id: 880899, Med Rangia

Table with 4 columns: Element Name, EPA Method, Value, and Unit. Rows include Chromium (total), Iron (total), Manganese, Copper (total), Nickel (total), Zinc (total), Pesticides/PCB's, and Base/Neutral Extractables.

Sample Id: 880900, White Perch

Table with 4 columns: Element Name, EPA Method, Value, and Unit. Rows include Chromium (total), Iron (total), Manganese, Copper (total), Nickel (total), Zinc (total), Pesticides/PCB's, and Base/Neutral Extractables.

Sample Id: 880901, White Perch

Table with 4 columns: Element Name, EPA Method, Value, and Unit. Rows include Chromium (total), Iron (total), Manganese, Copper (total), Nickel (total), Zinc (total), Pesticides/PCB's, and Base/Neutral Extractables.



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Client Identification: MES
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Sample Id: 880902, Spot

Table with 4 columns: Element, EPA Method, Value, and Unit. Rows include Chromium (total), Iron (total), Manganese, Copper (total), Nickel (total), Zinc (total), Pesticides/PCB's, and Base/Neutral Extractables.

Sample Id: 880903, White Perch

Table with 4 columns: Element, EPA Method, Value, and Unit. Rows include Chromium (total), Iron (total), Manganese, Copper (total), Nickel (total), Zinc (total), Pesticides/PCB's, and Base/Neutral Extractables.

Sample Id: 880904, Yellow Perch

Table with 4 columns: Element, EPA Method, Value, and Unit. Rows include Chromium (total), Iron (total), Manganese, Copper (total), Nickel (total), Zinc (total), Pesticides/PCB's, and Base/Neutral Extractables.



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Client Identification: MES  
Log Identification: W-9652  
January 18, 1989  
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Sample Id: 880905, Spots

Chromium (total)	EPA 218.1	<2	ppm
Iron (total)	EPA 236.1	33	ppm
Manganese	EPA 243.1	14	ppm
Copper (total)	EPA 220.1	<2	ppm
Nickel (total)	EPA 249.1	<2	ppm
Zinc (total)	EPA 289.1	23	ppm
Pesticides/PCB's	EPA 8080	see	attached
Base/Neutral Extractables	EPA 8270	see	attached

Sample Id: 880906, White Perch

Chromium (total)	EPA 218.1	<2	ppm
Iron (total)	EPA 236.1	30	ppm
Manganese	EPA 243.1	4	ppm
Copper (total)	EPA 220.1	<2	ppm
Nickel (total)	EPA 249.1	<2	ppm
Zinc (total)	EPA 289.1	12	ppm
Pesticides/PCB's	EPA 8080	see	attached
Base/Neutral Extractables	EPA 8270	see	attached

Sample Id: 880907, White Perch

Chromium (total)	EPA 218.1	<2	ppm
Iron (total)	EPA 236.1	31	ppm
Manganese	EPA 243.1	4	ppm
Copper (total)	EPA 220.1	4	ppm
Nickel (total)	EPA 249.1	3	ppm
Zinc (total)	EPA 289.1	15	ppm
Pesticides/PCB's	EPA 8080	see	attached
Base/Neutral Extractables	EPA 8270	see	attached



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Client Identification: MES  
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Sample Id: 880908, Menhaden

Chromium (total)	EPA 218.1	3	ppm
Iron (total)	EPA 236.1	24	ppm
Manganese	EPA 243.1	23	ppm
Copper (total)	EPA 220.1	3	ppm
Nickel (total)	EPA 249.1	3	ppm
Zinc (total)	EPA 289.1	32	ppm
Pesticides/PCB's	EPA 8080	see	attached
Base/Neutral Extractables	EPA 8270	see	attached

Sample Id: 880909, White Perch

Chromium (total)	EPA 218.1	22	ppm
Iron (total)	EPA 236.1	25	ppm
Manganese	EPA 243.1	14	ppm
Copper (total)	EPA 220.1	2	ppm
Nickel (total)	EPA 249.1	2	ppm
Zinc (total)	EPA 289.1	13	ppm
Pesticides/PCB's	EPA 8080	see	attached
Base/Neutral Extractables	EPA 8270	see	attached

Sample Id: 880910, Menhaden *XIF 4510*  
*12/2/1988*

Chromium (total)	EPA 218.1	3	ppm
Iron (total)	EPA 236.1	50	ppm
Manganese	EPA 243.1	16	ppm
Copper (total)	EPA 220.1	2	ppm
Nickel (total)	EPA 249.1	3	ppm
Zinc (total)	EPA 289.1	27	ppm
Pesticides/PCB's	EPA 8080	see	attached
Base/Neutral Extractables	EPA 8270	see	attached



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(301) 825-

Client Identification: MES  
Log Identification: W-9652  
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Sample Id: 580911, Spots

Chromium (total)	EPA 218.1	<2	ppm
Iron (total)	EPA 236.1	27	ppm
Manganese	EPA 243.1	25	ppm
Copper (total)	EPA 220.1	<2	ppm
Nickel (total)	EPA 249.1	<2	ppm
Zinc (total)	EPA 289.1	10	ppm
Pesticides/PCB's	EPA 8080	see	attached
Base/Neutral Extractables	EPA 8270	see	attached

Log Identification: W-1082

Date Received: 01/10/89

*Do Not code*

Sample Id: A. 880918, 12/05/88, 08:15

Arsenic	EPA 206.2	<0.01	mg/l
Cadmium (total)	EPA 213.1	<0.01	mg/l
Copper (total)	EPA 220.1	0.02	mg/l
Chromium (total)	EPA 218.1	0.02	mg/l
Lead (total)	EPA 239.1	0.05	mg/l

Sample Id: B. 880919, 12/05/88, 08:40

Arsenic	EPA 206.2	<0.01	mg/l
Cadmium (total)	EPA 213.1	<0.01	mg/l
Copper (total)	EPA 220.1	0.05	mg/l
Chromium (total)	EPA 218.1	0.03	mg/l
Lead (total)	EPA 239.1	0.06	mg/l

Sample Id: C. 880933, 12/20/88, 15:30

Arsenic	EPA 206.2	<0.01	mg/l
Cadmium (total)	EPA 213.1	<0.01	mg/l
Copper (total)	EPA 220.1	0.03	mg/l
Chromium (total)	EPA 218.1	0.04	mg/l
Lead (total)	EPA 239.1	0.06	mg/l



# Certificate of Laboratory Analysis

Martel Laboratory Services, Inc.

1025 Cromwell Bridge Road

Baltimore, Maryland 21204

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Client Identification: MES  
Log Identification: W-1082  
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Sample Id: D. 880934, 12/21/88, 15:00

Arsenic	EPA 206.2	0.01	mg/l
Cadmium (total)	EPA 213.1	<0.01	mg/l
Copper (total)	EPA 220.1	0.03	mg/l
Chromium (total)	EPA 218.1	0.03	mg/l
Lead (total)	EPA 239.1	0.03	mg/l

Sample Id: E. 880940, 12/27/88, 15:00

Arsenic	EPA 206.2	0.01	mg/l
Cadmium (total)	EPA 213.1	<0.01	mg/l
Copper (total)	EPA 220.1	0.06	mg/l
Chromium (total)	EPA 218.1	0.02	mg/l
Lead (total)	EPA 239.1	0.09	mg/l

Sample Id: F. 880941, 12/27/88, 15:00

Arsenic	EPA 206.2	0.01	mg/l
Cadmium (total)	EPA 213.1	<0.01	mg/l
Copper (total)	EPA 220.1	<0.02	mg/l
Chromium (total)	EPA 218.1	0.02	mg/l
Lead (total)	EPA 239.1	0.05	mg/l

All procedures followed were in accordance with EPA-600/4-79-020, "Methods for Chemical Analysis of Water and Wastes", or SW-846, "Test Methods for Evaluating Solid Waste", 1986.

*Joseph C. Wolfkill II*  
-----  
Joseph C. Wolfkill II  
Vice President



Martel Laboratory Services, Inc. 1025 Cromwell Bridge Road Baltimore, Maryland 21204 (301) 825-7790  
 Maryland Environmental Service  
 Organic Compounds EPA Methods 608, 606, 610

Analytical Parameter Result Units

SEDIMENT

\*\* Sample Identification: 880817-11/15/88

\* Pesticides, Herbicides, PCB's

Aldrin	<0.1	mg/kg
a-BHC	<0.1	mg/kg
Atrazine	<0.1	mg/kg
b-BHC	<0.1	mg/kg
g-BHC (lindane)	<0.1	mg/kg
Chlordane	<0.1	mg/kg
4,4'-DDT	<0.1	mg/kg
4,4'-DDE	<0.1	mg/kg
4,4'-DDD	<0.1	mg/kg
Diazinon	<0.1	mg/kg
Dieldrin	<0.1	mg/kg
Endrin	<0.1	mg/kg
Ethyl Parathion	<0.1	mg/kg
Heptachlor	<0.1	mg/kg
Heptachlor Epoxide	<0.1	mg/kg
Linuron	<0.1	mg/kg
Malathion	<0.1	mg/kg
Methyl Parathion	<0.1	mg/kg
Toxaphene	<1	mg/kg
Trifluraline	<0.1	mg/kg
PCB's, (total)	<1	mg/kg

\* Phthalates

Butyl benzyl phthalate	<1	mg/kg
Dis-n-octyl phthalate	<1	mg/kg
Bis (2-ethylhexyl) phthalate	<10	mg/kg
Di-n-butyl phthalate	<1	mg/kg
Diethyl phthalate	<1	mg/kg
Dimethyl phthalate	<1	mg/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	<1	mg/kg
Acenaphthylene	<1	mg/kg
Benzo (a) anthracene	<1	mg/kg
Benzo (g,h,i) perylene	<2	mg/kg
Chrysene	<1	mg/kg
Fluoranthene	<1	mg/kg
Indeno (1,2,3-cd) pyrene	<2	mg/kg
Phenanthrene	<1	mg/kg
Acenaphthene	<1	mg/kg
Anthracene	<1	mg/kg
Benzo (a) pyrene	<1	mg/kg
Benzo (k) fluoranthene	<1	mg/kg
Dibenzo (a,h) anthracene	<2	mg/kg
Fluorene	<1	mg/kg
Naphthalene	<1	mg/kg
Pyrene	<1	mg/kg

RECEIVED

JUN 28 1989

POWER PLANT RESEARCH PROGRAM



Certificate of Laboratory Analysis

Martel Laboratory Services, Inc.

1025 Cromwell Bridge Road

Baltimore, Maryland 21204

(301) 825-77

\*\* Sample Identification: 88081R-11/15/88

*Sediment*

\* Pesticides, Herbicides, PCB's

Aldrin	<0.1	mg/kg
a-BHC	<0.1	mg/kg
Atrazine	<0.1	mg/kg
b-BHC	<0.1	mg/kg
g-BHC (lindane)	<0.1	mg/kg
Chlordane	<0.1	mg/kg
4,4'-DDT	<0.1	mg/kg
4,4'-DDE	<0.1	mg/kg
4,4'-DDD	<0.1	mg/kg
Diazinon	<0.1	mg/kg
Dieldrin	<0.1	mg/kg
Endrin	<0.1	mg/kg
Ethyl Parathion	<0.1	mg/kg
Heptachlor	<0.1	mg/kg
Heptachlor Epoxide	<0.1	mg/kg
Linuron	<0.1	mg/kg
Malathion	<0.1	mg/kg
Methyl Parathion	<0.1	mg/kg
Toxaphene	<1	mg/kg
Trifluralin	<0.1	mg/kg
PCB's (total)	<1	mg/kg

\* Phthalates

Butyl benzyl phthalate	<1	mg/kg
Di-n-octyl phthalate	<1	mg/kg
Bis (2-ethylhexyl) phthalate	<10	mg/kg
Di-n-butyl phthalate	<1	mg/kg
Diethyl phthalate	<1	mg/kg
Dimethyl phthalate	<1	mg/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	<1	mg/kg
Acenaphthylene	<1	mg/kg
Benzo (a) anthracene	<1	mg/kg
Benzo (g,h,i) perylene	<2	mg/kg
Chrysene	<1	mg/kg
Fluoranthene	<1	mg/kg
Indeno (1,2,3-cd) pyrene	<2	mg/kg
Phenanthrene	<1	mg/kg
Acenaphthene	<1	mg/kg
Anthracene	<1	mg/kg
Benzo (a) pyrene	<1	mg/kg
Benzo (k) fluoranthene	<1	mg/kg
Dibenzo (a,h) anthracene	<2	mg/kg
Fluorene	<1	mg/kg
Naphthalene	<1	mg/kg
Pyrene	<1	mg/kg

Martel Laboratory Services, Inc. 1025 Cromwell Bridge Road Baltimore, Maryland 21204 (301) 825-77

\*\* Sample Identification: 890819-11/15/88

\* Pesticides, Herbicides, PCB's

Aldrin	<0.1	mg/kg
a-BHC	<0.1	mg/kg
Atrazine	<0.1	mg/kg
b-BHC	<0.1	mg/kg
g-BHC (lindane)	<0.1	mg/kg
Chlordane	<0.1	mg/kg
4,4'-DDT	<0.1	mg/kg
4,4'-DDE	<0.1	mg/kg
4,4'-DDD	<0.1	mg/kg
Diazinon	<0.1	mg/kg
Dieldrin	<0.1	mg/kg
Endrin	<0.1	mg/kg
Ethyl Parathion	<0.1	mg/kg
Heptachlor	<0.1	mg/kg
Heptachlor Epoxide	<0.1	mg/kg
Linuron	<0.1	mg/kg
Malathion	<0.1	mg/kg
Methyl Parathion	<0.1	mg/kg
Toxaphene	<1	mg/kg
Trifluraline	<0.1	mg/kg
PCB's (total)	<1	mg/kg

\* Phthalates

Butyl benzyl phthalate	<1	mg/kg
Di-n-octyl phthalate	<1	mg/kg
Bis (2-ethylhexyl) phthalate	<10	mg/kg
Di-n-butyl phthalate	<1	mg/kg
Diethyl phthalate	<1	mg/kg
Dimethyl phthalate	<1	mg/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	<1	mg/kg
Acenaphthylene	<1	mg/kg
Benzo (a) anthracene	<1	mg/kg
Benzo (g,h,i) perylene	<2	mg/kg
Chrysene	<1	mg/kg
Fluoranthene	<1	mg/kg
Indeno (1,2,3-cd) pyrene	<2	mg/kg
Phenanthrene	<1	mg/kg
Acenaphthene	<1	mg/kg
Anthracene	<1	mg/kg
Benzo (a) pyrene	<1	mg/kg
Benzo (k) fluoranthene	<1	mg/kg
Dibenzo (a,h) anthracene	<2	mg/kg
Fluorene	<1	mg/kg
Naphthalene	<1	mg/kg
Pyrene	<1	mg/kg

Martel Laboratory Services, Inc. , 1025 Cromwell Bridge Road Baltimore, Maryland 21204 (301) 825-779

\*\* Sample Identification: 880820-11/15/88

\* Pesticides, Herbicides, PCB's

Aldrin	<0.1	mg/kg
a-BHC	<0.1	mg/kg
Atrazine	<0.1	mg/kg
b-BHC	<0.1	mg/kg
g-BHC (lindane)	<0.1	mg/kg
Chlordane	<0.1	mg/kg
4,4'-DDT	<0.1	mg/kg
4,4'-DDE	<0.1	mg/kg
4,4'-DDD	<0.1	mg/kg
Diazinon	<0.1	mg/kg
Dieldrin	<0.1	mg/kg
Endrin	<0.1	mg/kg
Ethyl Parathion	<0.1	mg/kg
Heptachlor	<0.1	mg/kg
Heptachlor Epoxide	<0.1	mg/kg
Linuron	<0.1	mg/kg
Malathion	<0.1	mg/kg
Methyl Parathion	<0.1	mg/kg
Toxaphene	<1	mg/kg
Trifluralin	<0.1	mg/kg
PCB's (total)	1	mg/kg

\* Phthalates

Butyl benzyl phthalate	<1	mg/kg
Di-n-octyl phthalate	<1	mg/kg
Bis (2-ethylhexyl) phthalate	<10	mg/kg
Di-n-butyl phthalate	<1	mg/kg
Diethyl phthalate	<1	mg/kg
Dimethyl phthalate	<1	mg/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	<1	mg/kg
Acenaphthylene	<1	mg/kg
Benzo (a) anthracene	<1	mg/kg
Benzo (g,h,i) perylene	<2	mg/kg
Chrysene	<1	mg/kg
Fluoranthene	<1	mg/kg
Indeno (1,2,3-cd) pyrene	<2	mg/kg
Phenanthrene	<1	mg/kg
Acenaphthene	<1	mg/kg
Anthracene	<1	mg/kg
Benzo (a) pyrene	<1	mg/kg
Benzo (k) fluoranthene	<1	mg/kg
Dibenzo (a,h) anthracene	<2	mg/kg
Fluorene	<1	mg/kg
Naphthalene	<1	mg/kg
Pyrene	<1	mg/kg

Martel Laboratory Services, Inc. 1025 Cromwell Bridge Road Baltimore, Maryland 21204 (301) 825-77

\*\* Sample Identification: 880621-11/15/88

\* Pesticides, Herbicides, PCB's

Aldrin	<0.1	mg/kg
a-BHC	<0.1	mg/kg
Atrazine	<0.1	mg/kg
b-BHC	<0.1	mg/kg
g-BHC (lindane)	<0.1	mg/kg
Chlordane	<0.1	mg/kg
4,4'-DDT	<0.1	mg/kg
4,4'-DDE	<0.1	mg/kg
4,4'-DDD	<0.1	mg/kg
Diazinon	<0.1	mg/kg
Dieldrin	<0.1	mg/kg
Endrin	<0.1	mg/kg
Ethyl Parathion	<0.1	mg/kg
Heptachlor	<0.1	mg/kg
Heptachlor Epoxide	<0.1	mg/kg
Linuron	<0.1	mg/kg
Malathion	<0.1	mg/kg
Methyl Parathion	<0.1	mg/kg
Toxaphene	<1	mg/kg
Trifluralin	<0.1	mg/kg
PCB's (total)	<1	mg/kg

\* Phthalates

Butyl benzyl phthalate	<1	mg/kg
Di-n-octyl phthalate	<1	mg/kg
Bis (2-ethylhexyl) phthalate	<10	mg/kg
Di-n-butyl phthalate	<1	mg/kg
Diethyl phthalate	<1	mg/kg
Dimethyl phthalate	<1	mg/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	<1	mg/kg
Acenaphthylene	<1	mg/kg
Benzo (a) anthracene	<1	mg/kg
Benzo (g,h,i) perylene	<2	mg/kg
Chrysene	<1	mg/kg
Fluoranthene	<1	mg/kg
Indeno (1,2,3-cd) pyrene	<2	mg/kg
Phenanthrene	<1	mg/kg
Acenaphthene	<1	mg/kg
Anthracene	<1	mg/kg
Benzo (a) pyrene	<1	mg/kg
Benzo (k) fluoranthene	<1	mg/kg
Dibenzo (a,h) anthracene	<2	mg/kg
Fluorene	<1	mg/kg
Naphthalene	<1	mg/kg
Pyrene	<1	mg/kg

Martel Laboratory Services, Inc. 1025 Cromwell Bridge Road Baltimore, Maryland 21204 (301) 825-7790

\*\* Sample Identification: 880822-11/15/88

\* Pesticides, Herbicides, PCB's

Aldrin	<0.1	mg/kg
a-BHC	<0.1	mg/kg
Atrazine	<0.1	mg/kg
b-BHC	<0.1	mg/kg
g-BHC (lindane)	<0.1	mg/kg
Chlordane	<0.1	mg/kg
4,4'-DDT	<0.1	mg/kg
4,4'-DDE	<0.1	mg/kg
4,4'-DDD	<0.1	mg/kg
Diazinon	<0.1	mg/kg
Dieldrin	<0.1	mg/kg
Endrin	<0.1	mg/kg
Ethyl Parathion	<0.1	mg/kg
Heptachlor	<0.1	mg/kg
Heptachlor Epoxide	<0.1	mg/kg
Linuron	<0.1	mg/kg
Malathion	<0.1	mg/kg
Methyl Parathion	<0.1	mg/kg
Toxaphene	<1	mg/kg
Trifluralin	<0.1	mg/kg
PCB's (total)	<1	mg/kg

\* Phthalates

Butyl benzyl phthalate	<1	mg/kg
Di-n-octyl phthalate	<1	mg/kg
Bis (2-ethylhexyl) phthalate	<10	mg/kg
Di-n-butyl phthalate	<1	mg/kg
Diethyl phthalate	<1	mg/kg
Dimethyl phthalate	<1	mg/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	<1	mg/kg
Acenaphthylene	<1	mg/kg
Benzo (a) anthracene	<1	mg/kg
Benzo (g,h,i) perylene	<2	mg/kg
Chrysene	<1	mg/kg
Fluoranthene	<1	mg/kg
Indeno (1,2,3-cd) pyrene	<2	mg/kg
Phenanthrene	<1	mg/kg
Acenaphthene	<1	mg/kg
Anthracene	<1	mg/kg
Benzo (a) pyrene	<1	mg/kg
Benzo (k) fluoranthene	<1	mg/kg
Dibenzo (a,h) anthracene	<2	mg/kg
Fluorene	<1	mg/kg
Naphthalene	<1	mg/kg
Pyrene	<1	mg/kg

Martel Laboratory Services, Inc. . 1025 Cromwell Bridge Road Baltimore, Maryland 21204 (301) 825-77

\*\* Sample Identification: 880823-11/15/88

\* Pesticides, Herbicides, PCB's

Aldrin	<0.1	mg/kg
a-BHC	<0.1	mg/kg
Atrazine	<0.1	mg/kg
b-BHC	<0.1	mg/kg
g-BHC (lindane)	<0.1	mg/kg
Chlordane	<0.1	mg/kg
4,4'-DDT	<0.1	mg/kg
4,4'-DDE	<0.1	mg/kg
4,4'-DDD	<0.1	mg/kg
Diazinon	<0.1	mg/kg
Dieldrin	<0.1	mg/kg
Endrin	<0.1	mg/kg
Ethyl Parathion	<0.1	mg/kg
Heptachlor	<0.1	mg/kg
Heptachlor Epoxide	<0.1	mg/kg
Linuron	<0.1	mg/kg
Malathion	<0.1	mg/kg
Methyl Parathion	<0.1	mg/kg
Toxaphene	<1	mg/kg
Trifluralin	<0.1	mg/kg
PCB's (total)	<1	mg/kg

\* Phthalates

Butyl benzyl phthalate	<1	mg/kg
Di-n-octyl phthalate	<1	mg/kg
Bis (2-ethylhexyl) phthalate	<10	mg/kg
Di-n-butyl phthalate	<1	mg/kg
Diethyl phthalate	<1	mg/kg
Dimethyl phthalate	<1	mg/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	<1	mg/kg
Acenaphthylene	<1	mg/kg
Benzo (a) anthracene	<1	mg/kg
Benzo (g,h,i) perylene	<2	mg/kg
Chrysene	<1	mg/kg
Fluoranthene	<1	mg/kg
Indeno (1,2,3-cd) pyrene	<2	mg/kg
Phenanthrene	<1	mg/kg
Acenaphthene	<1	mg/kg
Anthracene	<1	mg/kg
Benzo (a) pyrene	<1	mg/kg
Benzo (k) fluoranthene	<1	mg/kg
Dibenzo (a,h) anthracene	<2	mg/kg
Fluorene	<1	mg/kg
Naphthalene	<1	mg/kg
Pyrene	<1	mg/kg

Martel Laboratory Services, Inc. , 1025 Cromwell Bridge Road Baltimore, Maryland 21204 (301) 825-7790

\*\* Sample Identification: 880824-11/15/88

\* Pesticides, Herbicides, PCB's

Aldrin	<0.1	mg/kg
a-BHC	<0.1	mg/kg
Atrazine	<0.1	mg/kg
b-BHC	<0.1	mg/kg
g-BHC (lindane)	<0.1	mg/kg
Chlordane	<0.1	mg/kg
4,4'-DDT	<0.1	mg/kg
4,4'-DDE	<0.1	mg/kg
4,4'-DDD	<0.1	mg/kg
Diazinon	<0.1	mg/kg
Dieldrin	<0.1	mg/kg
Endrin	<0.1	mg/kg
Ethyl Parathion	<0.1	mg/kg
Heptachlor	<0.1	mg/kg
Heptachlor Epoxide	<0.1	mg/kg
Linuron	<0.1	mg/kg
Malathion	<0.1	mg/kg
Methyl Parathion	<0.1	mg/kg
Toxachene	<1	mg/kg
Trifluralin	<0.1	mg/kg
PCB's (total)	<1	mg/kg

\* Phthalates

Butyl benzyl phthalate	<1	mg/kg
Di-n-octyl phthalate	<1	mg/kg
Bis (2-ethylhexyl) phthalate	<1	mg/kg
Di-n-butyl phthalate	<1	mg/kg
Diethyl phthalate	<1	mg/kg
Dimethyl phthalate	<1	mg/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	<1	mg/kg
Acenaphthylene	<1	mg/kg
Benzo (a) anthracene	<1	mg/kg
Benzo (g,h,i) perylene	<2	mg/kg
Chrysene	<1	mg/kg
Fluoranthene	<1	mg/kg
Indeno (1,2,3-cd) pyrene	<2	mg/kg
Phenanthrene	<1	mg/kg
Acenaphthene	<1	mg/kg
Anthracene	<1	mg/kg
Benzo (a) pyrene	<1	mg/kg
Benzo (k) fluoranthene	<1	mg/kg
Dibenzo (a,h) anthracene	<2	mg/kg
Fluorene	<1	mg/kg
Naphthalene	<1	mg/kg
Pyrene	<1	mg/kg



Martel Laboratory Services, Inc. . 1025 Cromwell Bridge Road Baltimore, Maryland 21204 (301) 825-7

\*\* Sample Identification: 880825-11/15/88

\* Pesticides, Herbicides, PCB's

Aldrin	<0.1	mg/kg
a-BHC	<0.1	mg/kg
Atrazine	<0.1	mg/kg
b-BHC	<0.1	mg/kg
g-BHC (lindane)	<0.1	mg/kg
Chlordane	<0.1	mg/kg
4,4'-DDT	<0.1	mg/kg
4,4'-DDE	<0.1	mg/kg
4,4'-DDD	<0.1	mg/kg
Diazinon	<0.1	mg/kg
Dieldrin	<0.1	mg/kg
Endrin	<0.1	mg/kg
Ethyl Parathion	<0.1	mg/kg
Heptachlor	<0.1	mg/kg
Heptachlor Epoxide	<0.1	mg/kg
Linuron	<0.1	mg/kg
Malathion	<0.1	mg/kg
Methyl Parathion	<0.1	mg/kg
Toxaphene	<1	mg/kg
Trifluralin	<0.1	mg/kg
PCB's (total)	<1	mg/kg

\* Phthalates

Butyl benzyl phthalate	<1	mg/kg
Di-n-octyl phthalate	<1	mg/kg
Bis (2-ethylhexyl) phthalate	<1	mg/kg
Di-n-butyl phthalate	<1	mg/kg
Diethyl phthalate	<1	mg/kg
Dimethyl phthalate	<1	mg/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	<1	mg/kg
Acenaphthylene	<1	mg/kg
Benzo (a) anthracene	<1	mg/kg
Benzo (g,h,i) perylene	<2	mg/kg
Chrysene	<1	mg/kg
Fluoranthene	<1	mg/kg
Indeno (1,2,3-cd) pyrene	<2	mg/kg
Phenanthrene	<1	mg/kg
Acenaphthene	<1	mg/kg
Anthracene	<1	mg/kg
Benzo (a) pyrene	<1	mg/kg
Benzo (k) fluoranthene	<1	mg/kg
Dibenzo (a,h) anthracene	<2	mg/kg
Fluorene	<1	mg/kg
Naphthalene	<1	mg/kg
Pyrene	<1	mg/kg

Martel Laboratory Services, Inc. . 1025 Cromwell Bridge Road Baltimore, Maryland 21204 (301) 825-779

\*\* Sample Identification: B80826-11/15/88

\* Pesticides, Herbicides, PCB's

Aldrin	<0.1	mg/kg
a-BHC	<0.1	mg/kg
Atrazine	<0.1	mg/kg
b-BHC	<0.1	mg/kg
g-BHC. (lindane)	<0.1	mg/kg
Chlordane	<0.1	mg/kg
4,4'-DDT	<0.1	mg/kg
4,4'-DDE	<0.1	mg/kg
4,4'-DDD	<0.1	mg/kg
Diazinon	<0.1	mg/kg
Dieldrin	<0.1	mg/kg
Endrin	<0.1	mg/kg
Ethyl Parathion	<0.1	mg/kg
Heptachlor	<0.1	mg/kg
Heptachlor Epoxide	<0.1	mg/kg
Linuron	<0.1	mg/kg
Malathion	<0.1	mg/kg
Methyl Parathion	<0.1	mg/kg
Toxaphene	<1	mg/kg
Trifluralin	<0.1	mg/kg
PCB's (total)	<1	mg/kg

\* Phthalates

Butyl benzyl phthalate	<1	mg/kg
Di-n-octyl phthalate	<1	mg/kg
Bis (2-ethylhexyl) phthalate	<1	mg/kg
Di-n-butyl phthalate	<1	mg/kg
Diethyl phthalate	<1	mg/kg
Dimethyl phthalate	<1	mg/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	<1	mg/kg
Acenaphthylene	<1	mg/kg
Benzo (a) anthracene	<1	mg/kg
Benzo (g,h,i) perylene	<2	mg/kg
Chrysene	<1	mg/kg
Fluoranthene	<1	mg/kg
Indeno (1,2,3-cd) pyrene	<2	mg/kg
Phenanthrene	<1	mg/kg
Acenaphthene	<1	mg/kg
Anthracene	<1	mg/kg
Benzo (a) pyrene	<1	mg/kg
Benzo (k) fluoranthene	<1	mg/kg
Dibenzo (a,h) anthracene	<2	mg/kg
Fluorene	<1	mg/kg
Naphthalene	<1	mg/kg
Pyrene	<1	mg/kg



Certificate of Laboratory Analysis

Martel Laboratory Services, Inc. . 1025 Cromwell Bridge Road Baltimore, Maryland 21204 (301) 825-779

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Analytical Information  
Dates, Times, Analysts  
(dates may refer to either date  
begun or date analysis approved)

Log Number	Test Code	Date Performed	Time Performed	Analyst Initials
** Sample Id 880817-11/15/88				
9429	PPBN	12/01/88	16:00	JCE
9429	PPACID	12/01/88	16:00	VJK
9429	PPPEST	11/22/88	16:00	JCE
** Sample Id 880818-11/15/88				
9429	PPBN	12/01/88	16:00	JCE
9429	PPACID	12/01/88	16:00	VJK
9429	PPPEST	11/22/88	16:00	JCE
** Sample Id 880819-11/15/88				
9429	PPBN	12/01/88	16:00	JCE
9429	PPACID	12/01/88	16:00	VJK
9429	PPPEST	11/22/88	16:00	JCE
** Sample Id 880820-11/15/88				
9429	PPBN	12/01/88	16:00	JCE
9429	PPACID	12/01/88	16:00	VJK
9429	PPPEST	11/22/88	16:00	JCE
** Sample Id 880821-11/15/88				
9429	PPBN	12/01/88	16:00	JCE
9429	PPACID	12/01/88	16:00	VJK
9429	PPPEST	11/22/88	16:00	JCE
** Sample Id 880822-11/15/88				
9429	PPBN	12/01/88	16:00	JCE
9429	PPACID	12/01/88	16:00	VJK
9429	PPPEST	11/22/88	16:00	JCE
** Sample Id 880823-11/15/88				
9429	PPBN	12/01/88	16:00	JCE
9429	PPACID	12/01/88	16:00	VJK
9429	PPPEST	11/22/88	16:00	JCE
** Sample Id 880824-11/15/88				
9429	PPBN	12/01/88	16:00	JCE
9429	PPACID	12/01/88	16:00	VJK
9429	PPPEST	11/22/88	16:00	JCE
** Sample Id 880825-11/15/88				
9429	PPBN	12/01/88	16:00	JCE
9429	PPACID	12/01/88	16:00	VJK



# Certificate of Laboratory Analysis

Martel Laboratory Services, Inc. 1025 Cromwell Bridge Road Baltimore, Maryland 21204 (301) 825-779

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Analytical Information  
Dates, Times, Analysts  
(dates may refer to either date  
begun or date analysis approved)

Log Number	Test Code	Date Performed	Time Performed	Analyst Initials
9429	PPPEST	11/22/88	16:00	JCE
** Sample Id 880826-11/15/88				
9429	PPBN	12/01/88	16:00	JCE
9429	PPACID	12/01/88	16:00	VJK
9429	PPPEST	11/22/88	16:00	JCE
** Sample id 880881, Rangia				
9652	CR	12/21/88	14:20	KWH
9652	FE	12/21/88	14:20	KWH
9652	MN	12/21/88	14:20	KWH
9652	CU	12/21/88	14:20	KWH
9652	NI	12/21/88	14:20	KWH
9652	ZN	12/21/88	14:20	KWH
9652	PPPEST	12/13/88	16:00	JCE
9652	PPBN	12/13/88	16:00	VJK
** Sample id 880882, Macoma				
9652	CR	12/21/88	14:20	KWH
9652	FE	12/21/88	14:20	KWH
9652	MN	12/21/88	14:20	KWH
9652	CU	12/21/88	14:20	KWH
9652	NI	12/21/88	14:20	KWH
9652	ZN	12/21/88	14:20	KWH
9652	PPPEST	12/13/88	16:00	JCE
9652	PPBN	12/13/88	16:00	VJK
** Sample Id 880883, Cyathura				
9652	CR	12/21/88	14:20	KWH
9652	FE	12/21/88	14:20	KWH
9652	MN	12/21/88	14:20	KWH
9652	CU	12/21/88	14:20	KWH
9652	NI	12/21/88	14:20	KWH
9652	ZN	12/21/88	14:20	KWH
9652	PPPEST	12/13/88	16:00	JCE
9652	PPBN	12/13/88	16:00	VJK
** Sample Id 880884, Rangia				
9652	CR	12/21/88	14:20	KWH
9652	FE	12/21/88	14:20	KWH
9652	MN	12/21/88	14:20	KWH
9652	CU	12/21/88	14:20	KWH
9652	NI	12/21/88	14:20	KWH

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Analytical Information  
Dates, Times, Analysts  
(dates may refer to either date  
begun or date analysis approved)

Log Number	Test Code	Date Performed	Time Performed	Analyst Initials
9652	ZN	12/21/88	14:20	KWH
9652	PPPEST	12/13/88	16:00	JCE
9652	PPBN	12/13/88	16:00	VJK
** Sample Id 880885, Macoma				
9652	CR	12/21/88	14:20	KWH
9652	FE	12/21/88	14:20	KWH
9652	MN	12/21/88	14:20	KWH
9652	CU	12/21/88	14:20	KWH
9652	NI	12/21/88	14:20	KWH
9652	ZN	12/21/88	14:20	KWH
9652	PPPEST	12/13/88	16:00	JCE
9652	PPBN	12/13/88	16:00	VJK
** Sample Id 880886, Cyathura				
9652	CR	12/21/88	14:20	KWH
9652	FE	12/21/88	14:20	KWH
9652	MN	12/21/88	14:20	KWH
9652	CU	12/21/88	14:20	KWH
9652	NI	12/21/88	14:20	KWH
9652	ZN	12/21/88	14:20	KWH
9652	PPPEST	12/13/88	16:00	JCE
9652	PPBN	12/13/88	16:00	VJK
** Sample Id 880887, Rangia				
9652	CR	12/21/88	14:20	KWH
9652	FE	12/21/88	14:20	KWH
9652	MN	12/21/88	14:20	KWH
9652	CU	12/21/88	14:20	KWH
9652	NI	12/21/88	14:20	KWH
9652	ZN	12/21/88	14:20	KWH
9652	PPPEST	12/13/88	16:00	JCE
9652	PPBN	12/13/88	16:00	VJK
** Sample Id 880888, Macoma				
9652	CR	12/21/88	14:20	KWH
9652	FE	12/21/88	14:20	KWH
9652	MN	12/21/88	14:20	KWH
9652	CU	12/21/88	14:20	KWH
9652	NI	12/21/88	14:20	KWH
9652	ZN	12/21/88	14:20	KWH
9652	PPPEST	12/13/88	16:00	JCE
9652	PPBN	12/13/88	16:00	VJK

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Log Number	Test Code	Date Performed	Time Performed	Analyst Initials
** Sample Id 880889, Cyanthura				
9652	CR	12/21/88	14:20	KWH
9652	FE	12/21/88	14:20	KWH
9652	MN	12/21/88	14:20	KWH
9652	CU	12/21/88	14:20	KWH
9652	NI	12/21/88	14:20	KWH
9652	ZN	12/21/88	14:20	KWH
9652	PPPEST	12/13/88	16:00	JCE
9652	PPBN	12/13/88	16:00	VJK
** Sample Id 880890, Balanus				
9652	CR	12/21/88	14:20	KWH
9652	FE	12/21/88	14:20	KWH
9652	MN	12/21/88	14:20	KWH
9652	CU	12/21/88	14:20	KWH
9652	NI	12/21/88	14:20	KWH
9652	ZN	12/21/88	14:20	KWH
9652	PPPEST	12/13/88	16:00	JCE
9652	PPBN	12/13/88	16:00	VJK
** Sample Id 880891, Congeria				
9652	CR	12/21/88	14:20	KWH
9652	FE	12/21/88	14:20	KWH
9652	MN	12/21/88	14:20	KWH
9652	CU	12/21/88	14:20	KWH
9652	NI	12/21/88	14:20	KWH
9652	ZN	12/21/88	14:20	KWH
9652	PPPEST	12/14/88	16:00	JCE
9652	PPBN	12/14/88	16:00	VJK
** Sample Id 880892, Rithropanop				
9652	CR	12/21/88	14:20	KWH
9652	FE	12/21/88	14:20	KWH
9652	MN	12/21/88	14:20	KWH
9652	CU	12/21/88	14:20	KWH
9652	NI	12/21/88	14:20	KWH
9652	ZN	12/21/88	14:20	KWH
9652	PPPEST	12/14/88	16:00	JCE
9652	PPBN	12/14/88	16:00	VJK
** Sample Id 880893, Rangia				
9652	CR	12/21/88	14:20	KWH

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Log Number	Test Code	Date Performed	Time Performed	Analyst Initials
9652	FE	12/21/88	14:20	KWH
9652	MN	12/21/88	14:20	KWH
9652	CU	12/21/88	14:20	KWH
9652	NI	12/21/88	14:20	KWH
9652	ZN	12/21/88	14:20	KWH
9652	PPPEST	12/14/88	16:00	JCE
9652	PPBN	12/14/88	16:00	VJK
** Sample Id 880894, Pangia				
9652	CR	12/21/88	14:20	KWH
9652	FE	12/21/88	14:20	KWH
9652	MN	12/21/88	14:20	KWH
9652	CU	12/21/88	14:20	KWH
9652	NI	12/21/88	14:20	KWH
9652	ZN	12/21/88	14:20	KWH
9652	PPPEST	12/14/88	16:00	JCE
9652	PPBN	12/14/88	16:00	VJK
** Sample Id 880895, Pangia				
9652	CR	12/21/88	14:20	KWH
9652	FE	12/21/88	14:20	KWH
9652	MN	12/21/88	14:20	KWH
9652	CU	12/21/88	14:20	KWH
9652	NI	12/21/88	14:20	KWH
9652	ZN	12/21/88	14:20	KWH
9652	PPPEST	12/14/88	16:00	JCE
9652	PPBN	12/14/88	16:00	VJK
** Sample Id 880896, Mixed Polycracks				
9652	CR	12/21/88	14:20	KWH
9652	FE	12/21/88	14:20	KWH
9652	MN	12/21/88	14:20	KWH
9652	CU	12/21/88	14:20	KWH
9652	NI	12/21/88	14:20	KWH
9652	ZN	12/21/88	14:20	KWH
9652	PPPEST	12/14/88	16:00	JCE
9652	PPBN	12/14/88	16:00	VJK
** Sample Id 880897, Cyanthura				
9652	CR	12/21/88	14:20	KWH
9652	FE	12/21/88	14:20	KWH
9652	MN	12/21/88	14:20	KWH
9652	CU	12/21/88	14:20	KWH

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Log Number	Test Code	Date Performed	Time Performed	Analyst Initials
9652	NI	12/21/88	14:20	KWH
9652	ZN	12/21/88	14:20	KWH
9652	PPPEST	12/14/88	16:00	JCE
9652	PPBN	12/14/88	16:00	VJK
** Sample Id 880898, Large Rangia				
9652	CR	12/21/88	14:20	KWH
9652	FE	12/21/88	14:20	KWH
9652	MN	12/21/88	14:20	KWH
9652	CU	12/21/88	14:20	KWH
9652	NI	12/21/88	14:20	KWH
9652	ZN	12/21/88	14:20	KWH
9652	PPPEST	12/14/88	16:00	JCE
9652	PPBN	12/14/88	16:00	VJK
** Sample Id 880899, Med Rangia				
9652	CR	12/21/88	14:20	KWH
9652	FE	12/21/88	14:20	KWH
9652	MN	12/21/88	14:20	KWH
9652	CU	12/21/88	14:20	KWH
9652	NI	12/21/88	14:20	KWH
9652	ZN	12/21/88	14:20	KWH
9652	PPPEST	12/14/88	16:00	JCE
9652	PPBN	12/14/88	16:00	VJK
** Sample Id 880900, White Perch				
9652	CR	12/21/88	14:20	KWH
9652	FE	12/21/88	14:20	KWH
9652	MN	12/21/88	14:20	KWH
9652	CU	12/21/88	14:20	KWH
9652	NI	12/21/88	14:20	KWH
9652	ZN	12/21/88	14:20	KWH
9652	PPPEST	12/14/88	16:00	JCE
9652	PPBN	12/14/88	16:00	VJK
** Sample Id 880901, White Perch				
9652	CR	12/21/88	14:20	KWH
9652	FE	12/21/88	14:20	KWH
9652	MN	12/21/88	14:20	KWH
9652	CU	12/21/88	14:20	KWH
9652	NI	12/21/88	14:20	KWH
9652	ZN	12/21/88	14:20	KWH
9652	PPPEST	12/14/88	16:00	JCE



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Analytical Information  
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Log Number	Test Code	Date Performed	Time Performed	Analyst Initials
9652	PPBN	12/14/88	16:00	VJK
** Sample Id 880902, Spot				
9652	CR	12/21/88	14:20	KWH
9652	FE	12/21/88	14:20	KWH
9652	MN	12/21/88	14:20	KWH
9652	CU	12/21/88	14:20	KWH
9652	NI	12/21/88	14:20	KWH
9652	ZN	12/21/88	14:20	KWH
9652	PPPEST	12/14/88	16:00	JCE
9652	PPBN	12/14/88	16:00	VJK
** Sample Id 880903, White Perch				
9652	CR	12/21/88	14:20	KWH
9652	FE	12/21/88	14:20	KWH
9652	MN	12/21/88	14:20	KWH
9652	CU	12/21/88	14:20	KWH
9652	NI	12/21/88	14:20	KWH
9652	ZN	12/21/88	14:20	KWH
9652	PPPEST	12/14/88	16:00	JCE
9652	PPBN	12/14/88	16:00	VJK
** Sample Id 880904, Yellow Perch				
9652	CR	12/21/88	14:20	KWH
9652	FE	12/21/88	14:20	KWH
9652	MN	12/21/88	14:20	KWH
9652	CU	12/21/88	14:20	KWH
9652	NI	12/21/88	14:20	KWH
9652	ZN	12/21/88	14:20	KWH
9652	PPPEST	12/14/88	16:00	JCE
9652	PPBN	12/14/88	16:00	VJK
** Sample Id 880905, Spots				
9652	CR	12/21/88	14:20	KWH
9652	FE	12/21/88	14:20	KWH
9652	MN	12/21/88	14:20	KWH
9652	CU	12/21/88	14:20	KWH
9652	NI	12/21/88	14:20	KWH
9652	ZN	12/21/88	14:20	KWH
9652	PPPEST	12/14/88	16:00	JCE
9652	PPBN	12/14/88	16:00	VJK



Certificate of Laboratory Analysis

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Log Number	Test Code	Date Performed	Time Performed	Analyst Initials
<b>** Sample Id 880906, White Perch</b>				
9652	CR	12/21/88	14:20	KWH
9652	FE	12/21/88	14:20	KWH
9652	MN	12/21/88	14:20	KWH
9652	CU	12/21/88	14:20	KWH
9652	NI	12/21/88	14:20	KWH
9652	ZN	12/21/88	14:20	KWH
9652	PPPEST	12/14/88	16:00	JCE
9652	PPBN	12/14/88	16:00	VJK
<b>** Sample Id 880907, White Perch</b>				
9652	CR	12/21/88	14:20	KWH
9652	FE	12/21/88	14:20	KWH
9652	MN	12/21/88	14:20	KWH
9652	CU	12/21/88	14:20	KWH
9652	NI	12/21/88	14:20	KWH
9652	ZN	12/21/88	14:20	KWH
9652	PPPEST	12/14/88	16:00	JCE
9652	PPBN	12/14/88	16:00	VJK
<b>** Sample Id 880908, Menhaden</b>				
9652	CR	12/21/88	14:20	KWH
9652	FE	12/21/88	14:20	KWH
9652	MN	12/21/88	14:20	KWH
9652	CU	12/21/88	14:20	KWH
9652	NI	12/21/88	14:20	KWH
9652	ZN	12/21/88	14:20	KWH
9652	PPPEST	12/15/88	16:00	JCE
9652	PPBN	12/15/88	16:00	VJK
<b>** Sample Id 880909, White Perch</b>				
9652	CR	12/21/88	14:20	KWH
9652	FE	12/21/88	14:20	KWH
9652	MN	12/21/88	14:20	KWH
9652	CU	12/21/88	14:20	KWH
9652	NI	12/21/88	14:20	KWH
9652	ZN	12/21/88	14:20	KWH
9652	PPPEST	12/15/88	16:00	JCE
9652	PPBN	12/15/88	16:00	VJK
<b>** Sample Id 880910, Menhaden</b>				
9652	CR	12/21/88	14:20	KWH
9652	FE	12/21/88	14:20	KWH

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Log Number	Test Code	Date Performed	Time Performed	Analyst Initials
9652	MN	12/21/88	14:20	KWH
9652	CU	12/21/88	14:20	KWH
9652	NJ	12/21/88	14:20	KWH
9652	ZN	12/21/88	14:20	KWH
9652	PPPEST	12/15/88	16:00	JCE
9652	PPBN	12/15/88	16:00	VJK
** Sample Id 880911, Spots				
9652	CR	12/21/88	14:20	KWH
9652	FF	12/21/88	14:20	KWH
9652	MN	12/21/88	14:20	KWH
9652	CU	12/21/88	14:20	KWH
9652	NI	12/21/88	14:20	KWH
9652	ZN	12/21/88	14:20	KWH
9652	PPPEST	12/15/88	16:00	JCE
9652	PPBN	12/15/88	16:00	VJK
** Sample Id A. 880918, 12/05/88, 08:15				
1082	AS	01/13/89	10:40	TMH
1082	CD	01/17/89	09:55	KWH
1082	CU	01/17/89	10:10	KWH
1082	CR	01/17/89	09:25	KWH
1082	PB	01/17/89	09:00	KWH
** Sample Id B. 880919, 12/05/88, 08:40				
1082	AS	01/13/89	10:40	TMH
1082	CD	01/17/89	09:55	KWH
1082	CU	01/17/89	10:10	KWH
1082	CR	01/17/89	09:25	KWH
1082	PB	01/17/89	09:00	KWH
** Sample Id C. 880933, 12/20/88, 15:30				
1082	AS	01/13/89	10:40	TMH
1082	CD	01/17/89	09:55	KWH
1082	CU	01/17/89	10:10	KWH
1082	CR	01/17/89	09:25	KWH
1082	PB	01/17/89	09:00	KWH
** Sample Id D. 880934, 12/21/88, 15:00				
1082	AS	01/13/89	10:40	TMH
1082	CD	01/17/89	09:55	KWH
1082	CU	01/17/89	10:10	KWH
1082	CR	01/17/89	09:25	KWH

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Analytical Information  
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(dates may refer to either date  
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Log Number	Test Code	Date Performed	Time Performed	Analyst Initials
1082	PB	01/17/89	09:00	KWH
** Sample Id E. 880940. 12/27/88. 15:00				
1082	AS	01/13/89	10:40	TMH
1082	CD	01/17/89	09:55	KWH
1082	CU	01/17/89	10:10	KWH
1082	CR	01/17/89	09:25	KWH
1082	PB	01/17/89	09:00	KWH
** Sample Id F. 880941. 12/27/88. 15:00				
1082	AS	01/13/89	10:40	TMH
1082	CD	01/17/89	09:55	KWH
1082	CU	01/17/89	10:10	KWH
1082	CR	01/17/89	09:25	KWH
1082	PB	01/17/89	09:00	KWH

Martel Laboratory Services, Inc. 1025 Cromwell Bridge Road Baltimore, Maryland 21204 (301) 825

\*\* Sample Identification: 880910, Menhaden

X1F4516  
12/2/1988

\* Pesticides, Herbicides, PCB's

Aldrin	<0.1	ug/kg
a-BHC	<0.1	ug/kg
Atrazine	<0.1	ug/kg
b-BHC	<0.1	ug/kg
g-BHC (lindane)	<0.1	ug/kg
Chlordane	200	ug/kg
4,4'-DDT	<0.1	ug/kg
4,4'-DDE	<0.1	ug/kg
4,4'-DDD	<0.1	ug/kg
Diazinon	<1	ug/kg
Dieldrin	<0.1	ug/kg
Endrin	<0.1	ug/kg
Ethyl Parathion	<0.1	ug/kg
Heptachlor	<0.1	ug/kg
Heptachlor Epoxide	<0.1	ug/kg
Linuron	<1	ug/kg
Malathion	<1	ug/kg
Methyl Parathion	<1	ug/kg
Toxaphene	<1	ug/kg
Trifluraline	<1	ug/kg
PCB's (total)	200	ug/kg

\* Phthalates

Butyl benzyl phthalate	<1	ug/kg
Di-n-butyl phthalate	<1	ug/kg
Bis (2-ethylhexyl) phthalate	<10	ug/kg
Di-n-butyl phthalate	<1	ug/kg
Diethyl phthalate	<1	ug/kg
Dimethyl phthalate	<1	ug/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	<1	ug/kg
Acenaphthylene	<1	ug/kg
Benzo (a) anthracene	<1	ug/kg
Benzo (g,h,i) perylene	<2	ug/kg
Chrysene	<1	ug/kg
Fluoranthene	<1	ug/kg
Indeno (1,2,3-cd) pyrene	<2	ug/kg
Phenanthrene	<1	ug/kg
Acenaphthene	<1	ug/kg
Anthracene	<1	ug/kg
Benzo (a) pyrene	<1	ug/kg
Benzo (k) fluoranthene	<1	ug/kg
Dibenzo (a,h) anthracene	<2	ug/kg
Fluorene	<1	ug/kg
Naphthalene	<1	ug/kg
Pyrene	<1	ug/kg

Martel Laboratory Services, Inc.

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Baltimore, Maryland 21204

(301) 825-779

\*\* Sample Identification: 880908, Menhaden

\* Pesticides, Herbicides, PCB's

Aldrin	<0.1	ug/kg
a-BHC	<0.1	ug/kg
Atrazine	<0.1	ug/kg
b-BHC	<0.1	ug/kg
g-BHC (lindane)	<0.1	ug/kg
Chlordane	<1	ug/kg
4,4'-DDT	<0.1	ug/kg
4,4'-DDE	<0.1	ug/kg
4,4'-DDD	<0.1	ug/kg
Diazinon	<1	ug/kg
Dieldrin	<0.1	ug/kg
Endrin	<0.1	ug/kg
Ethyl Parathion	<0.1	ug/kg
Heptachlor	<0.1	ug/kg
Heptachlor Epoxide	<0.1	ug/kg
Linuron	<1	ug/kg
Malathion	<1	ug/kg
Methyl Parathion	<1	ug/kg
Toxaphene	<1	ug/kg
Trifluralin	<1	ug/kg
PCB's (total)	306	ug/kg

\* Phthalates

Butyl benzyl phthalate	<1000	ug/kg
Di-n-octyl phthalate	<1000	ug/kg
Bis (2-ethylhexyl) phthalate	<10000	ug/kg
Di-n-butyl phthalate	<1000	ug/kg
Diethyl phthalate	<1000	ug/kg
Dimethyl phthalate	<1000	ug/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	<1000	ug/kg
Acenaphthylene	<1000	ug/kg
Benzo (a) anthracene	<1000	ug/kg
Benzo (g,h,i) perylene	<2000	ug/kg
Chrysene	<1000	ug/kg
Fluoranthene	<1000	ug/kg
Indeno (1,2,3-cd) pyrene	<2000	ug/kg
Phenanthrene	<1000	ug/kg
Acenaphthene	<1000	ug/kg
Anthracene	<1000	ug/kg
Benzo (a) pyrene	<1000	ug/kg
Benzo (k) fluoranthene	<1000	ug/kg
Dibenzo (a,h) anthracene	<2000	ug/kg
Fluorene	<1000	ug/kg
Naphthalene	<1000	ug/kg
Pyrene	<1000	ug/kg

Martel Laboratory Services, Inc. 1025 Cromwell Bridge Road Baltimore, Maryland 21204 (301) 825-77

\*\* Sample Identification: 880904. Yellow Perch

\* Pesticides, Herbicides, PCB's

Aldrin	<0.1	ug/kg
a-BHC	<0.1	ug/kg
Atrazine	<0.1	ug/kg
b-BHC	<0.1	ug/kg
g-BHC (lindane)	<0.1	ug/kg
Chlordane	<1	ug/kg
4,4'-DDT	<0.1	ug/kg
4,4'-DDE	<0.1	ug/kg
4,4'-DDD	<0.1	ug/kg
Diazinon	<1	ug/kg
Dieldrin	<0.1	ug/kg
Endrin	<0.1	ug/kg
Ethyl Parathion	<0.1	ug/kg
Heptachlor	<0.1	ug/kg
Heptachlor Epoxide	<0.1	ug/kg
Linuron	<1	ug/kg
Malathion	<1	ug/kg
Methyl Parathion	<1	ug/kg
Toxaphene	<1	ug/kg
Trifluralin	<1	ug/kg
PCB's (total)	<1	ug/kg

\* Phthalates

Butyl benzyl phthalate	<1	ug/kg
Di-n-octyl phthalate	<1	ug/kg
Bis (2-ethylhexyl) phthalate	720	ug/kg
Di-n-butyl phthalate	<1	ug/kg
Diethyl phthalate	<1	ug/kg
Dimethyl phthalate	<1	ug/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	<1	ug/kg
Acenaphthylene	<1	ug/kg
Benzo (a) anthracene	<1	ug/kg
Benzo (g,h,i) perylene	<2	ug/kg
Chrysene	<1	ug/kg
Fluoranthene	<1	ug/kg
Indeno (1,2,3-cd) pyrene	<2	ug/kg
Phenanthrene	<1	ug/kg
Acenaphthene	<1	ug/kg
Anthracene	<1	ug/kg
Benzo (a) pyrene	<1	ug/kg
Benzo (k) fluoranthene	<1	ug/kg
Dibenzo (a,h) anthracene	<2	ug/kg
Fluorene	<1	ug/kg
Naphthalene	<1	ug/kg
Pyrene	<1	ug/kg

Martel Laboratory Services, Inc.    1025 Cromwell Bridge Road    Baltimore, Maryland 21204    (301) 825-779C

\*\* Sample Identification: 880911, Spots

\* Pesticides, Herbicides, PCB's

Aldrin	<0.1	ug/kg
a-BHC	<0.1	ug/kg
Atrazine	<0.1	ug/kg
b-BHC	<0.1	ug/kg
g-BHC (lindane)	<0.1	ug/kg
Chlordane	<1	ug/kg
4,4'-DDT	<0.1	ug/kg
4,4'-DDE	<0.1	ug/kg
4,4'-DDD	<0.1	ug/kg
Diazinon	<1	ug/kg
Dieldrin	<0.1	ug/kg
Endrin	<0.1	ug/kg
Ethyl Parathion	<0.1	ug/kg
Heptachlor	<0.1	ug/kg
Heptachlor Epoxide	<0.1	ug/kg
Linuron	<1	ug/kg
Malathion	<1	ug/kg
Methyl Parathion	<1	ug/kg
Toxaphene	<1	ug/kg
Trifluralin	<1	ug/kg
PCB's (total)	<1	ug/kg

\* Phthalates

Butyl benzyl phthalate	<1	ug/kg
Di-n-octyl phthalate	<1	ug/kg
Bis (2-ethylhexyl) phthalate	<10	ug/kg
Di-n-butyl phthalate	<1	ug/kg
Diethyl phthalate	<1	ug/kg
Dimethyl phthalate	<1	ug/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	<1	ug/kg
Acenaphthylene	<1	ug/kg
Benzo (a) anthracene	<1	ug/kg
Benzo (g,h,i) perylene	<2	ug/kg
Chrysene	<1	ug/kg
Fluoranthene	<1	ug/kg
Indeno (1,2,3-cd) pyrene	<2	ug/kg
Phenanthrene	<1	ug/kg
Acenaphthene	<1	ug/kg
Anthracene	<1	ug/kg
Benzo (a) pyrene	<1	ug/kg
Benzo (k) fluoranthene	<1	ug/kg
Dibenzo (a,h) anthracene	<2	ug/kg
Fluorene	<1	ug/kg
Naphthalene	<1	ug/kg
Pyrene	<1	ug/kg



Martel Laboratory Services, Inc. . 1025 Cromwell Bridge Road Baltimore, Maryland 21204 (301) 825-771

\*\* Sample Identification: 880902. Spot

\* Pesticides, Herbicides, PCB's

Aldrin	<0.1	ug/kg
a-BHC	<0.1	ug/kg
Atrazine	<0.1	ug/kg
b-BHC	<0.1	ug/kg
g-BHC (lindane)	<0.1	ug/kg
Chlordane	<1	ug/kg
4,4'-DDT	<0.1	ug/kg
4,4'-DDE	<0.1	ug/kg
4,4'-DDD	<0.1	ug/kg
Diazinon	<1	ug/kg
Dieldrin	<0.1	ug/kg
Endrin	<0.1	ug/kg
Ethyl Parathion	<0.1	ug/kg
Heptachlor	<0.1	ug/kg
Heptachlor Epoxide	<0.1	ug/kg
Linuron	<1	ug/kg
Malathion	<1	ug/kg
Methyl Parathion	<1	ug/kg
Toxaphene	<1	ug/kg
Trifluraline	<1	ug/kg
PCB's (total)	<1	ug/kg

\* Phthalates

Butyl benzyl phthalate	<1	ug/kg
Di-n-octyl phthalate	<1	ug/kg
Bis (2-ethylhexyl) phthalate	1300	ug/kg
Di-n-butyl phthalate	<1	ug/kg
Diethyl phthalate	<1	ug/kg
Dimethyl phthalate	<1	ug/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	<1	ug/kg
Acenaphthylene	<1	ug/kg
Benzo (a) anthracene	<1	ug/kg
Benzo (g,h,i) perylene	<2	ug/kg
Chrysene	<1	ug/kg
Fluoranthene	<1	ug/kg
Indeno (1,2,3-cd) pyrene	<2	ug/kg
Phenanthrene	<1	ug/kg
Acenaphthene	<1	ug/kg
Anthracene	<1	ug/kg
Benzo (a) pyrene	<1	ug/kg
Benzo (k) fluoranthene	<1	ug/kg
Dibenzo (a,h) anthracene	<2	ug/kg
Fluorene	<1	ug/kg
Naphthalene	<1	ug/kg
Pyrene	<1	ug/kg

Martel Laboratory Services, Inc. 1025 Cromwell Bridge Road Baltimore, Maryland 21204 (301) 825-7790

\*\* Sample Identification: BB0905, Spots

\* Pesticides, Herbicides, PCB's

Aldrin	<0.1	ug/kg
a-BHC	<0.1	ug/kg
Atrazine	<0.1	ug/kg
b-BHC	<0.1	ug/kg
g-BHC (lindane)	<0.1	ug/kg
Chlordane	<1	ug/kg
4,4'-DDT	<0.1	ug/kg
4,4'-DDE	<0.1	ug/kg
4,4'-DDD	<0.1	ug/kg
Diazinon	<1	ug/kg
Dieldrin	<0.1	ug/kg
Endrin	<0.1	ug/kg
Ethyl Parathion	<0.1	ug/kg
Heptachlor	<0.1	ug/kg
Heptachlor Epoxide	<0.1	ug/kg
Linuron	<1	ug/kg
Malathion	<1	ug/kg
Methyl Parathion	<1	ug/kg
Toxaphene	<1	ug/kg
Trifluraline	<1	ug/kg
PCB's (total)	50	ug/kg

\* Phthalates

Butyl benzyl phthalate	<1	ug/kg
Bis-n-octyl phthalate	<1	ug/kg
Bis (2-ethylhexyl) phthalate	<10	ug/kg
Di-n-butyl phthalate	<1	ug/kg
Diethyl phthalate	<1	ug/kg
Dimethyl phthalate	<1	ug/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	<1	ug/kg
Acenaphthylene	<1	ug/kg
Benzo (a) anthracene	<1	ug/kg
Benzo (g,h,i) perylene	<2	ug/kg
Chrysene	<1	ug/kg
Fluoranthene	<1	ug/kg
Indeno (1,2,3-cd) pyrene	<2	ug/kg
Phenanthrene	<1	ug/kg
Acenaphthene	<1	ug/kg
Anthracene	<1	ug/kg
Benzo (a) pyrene	<1	ug/kg
Benzo (k) fluoranthene	<1	ug/kg
Dibenzo (a,h) anthracene	<2	ug/kg
Fluorene	<1	ug/kg
Naphthalene	<1	ug/kg
Pyrene	<1	ug/kg

Martel Laboratory Services, Inc.

1025 Cromwell Bridge Road

Baltimore, Maryland 21204

(301) 825-779

\*\* Sample Identification: 880909, White Perch

\* Pesticides, Herbicides, PCB's

Aldrin	<0.1	ug/kg
a-BHC	<0.1	ug/kg
Atrazine	<0.1	ug/kg
b-BHC	<0.1	ug/kg
g-BHC (lindane)	<0.1	ug/kg
Chlordane	110	ug/kg
4,4'-DDT	<0.1	ug/kg
4,4'-DDE	<0.1	ug/kg
4,4'-DDD	<0.1	ug/kg
Diazinon	<1	ug/kg
Dieldrin	<0.1	ug/kg
Endrin	<0.1	ug/kg
Ethyl Parathion	<0.1	ug/kg
Heptachlor	<0.1	ug/kg
Heptachlor Epoxide	<0.1	ug/kg
Linuron	<1	ug/kg
Malathion	<1	ug/kg
Methyl Parathion	<1	ug/kg
Toxaphene	<1	ug/kg
Trifluralin	<1	ug/kg
PCB's (total)	80	ug/kg

\* Phthalates

Butyl benzyl phthalate	<1	ug/kg
Di-n-octyl phthalate	<1	ug/kg
Bis (2-ethylhexyl) phthalate	<10	ug/kg
Di-n-butyl phthalate	<1	ug/kg
Diethyl phthalate	<1	ug/kg
Dimethyl phthalate	<1	ug/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	<1	ug/kg
Acenaphthylene	<1	ug/kg
Benzo (a) anthracene	<1	ug/kg
Benzo (g,h,i) perylene	<2	ug/kg
Chrysene	<1	ug/kg
Fluoranthene	<1	ug/kg
Indeno (1,2,3-cd) pyrene	<2	ug/kg
Phenanthrene	<1	ug/kg
Acenaphthene	<1	ug/kg
Anthracene	<1	ug/kg
Benzo (a) pyrene	<1	ug/kg
Benzo (k) fluoranthene	<1	ug/kg
Dibenzo (a,h) anthracene	<2	ug/kg
Fluorene	<1	ug/kg
Naphthalene	<1	ug/kg
Pyrene	<1	ug/kg

Martel Laboratory Services, Inc. 1025 Cromwell Bridge Road Baltimore, Maryland 21204 (301) 825-7711

\*\* Sample Identification: 880907, White Perch

\* Pesticides, Herbicides, PCB's

Aldrin	<0.1	ug/kg
a-BHC	<0.1	ug/kg
Atrazine	<0.1	ug/kg
b-BHC	<0.1	ug/kg
g-BHC (lindane)	<0.1	ug/kg
Chlordane	<1	ug/kg
4,4'-DDT	<0.1	ug/kg
4,4'-DDE	<0.1	ug/kg
4,4'-DDD	<0.1	ug/kg
Diazinon	<1	ug/kg
Dieldrin	<0.1	ug/kg
Endrin	<0.1	ug/kg
Ethyl Parathion	<0.1	ug/kg
Heptachlor	<0.1	ug/kg
Heptachlor Epoxide	<0.1	ug/kg
Linuron	<1	ug/kg
Malathion	<1	ug/kg
Methyl Parathion	<1	ug/kg
Toxaphene	<1	ug/kg
Trifluralin	<1	ug/kg
PCB's (total)	876	ug/kg

\* Phthalates

Butyl benzyl phthalate	<1	ug/kg
Dio-n-octyl phthalate	<1	ug/kg
Bis (2-ethylhexyl) phthalate	<10	ug/kg
Di-n-butyl phthalate	<1	ug/kg
Diethyl phthalate	<1	ug/kg
Dimethyl phthalate	<1	ug/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	<1	ug/kg
Acenaphthylene	<1	ug/kg
Benzo (a) anthracene	<1	ug/kg
Benzo (g,h,i) perylene	<2	ug/kg
Chrysene	<1	ug/kg
Fluoranthene	<1	ug/kg
Indeno (1,2,3-cd) pyrene	<2	ug/kg
Phenanthrene	<1	ug/kg
Acenaphthene	<1	ug/kg
Anthracene	<1	ug/kg
Benzo (a) pyrene	<1	ug/kg
Benzo (k) fluoranthene	<1	ug/kg
Dibenzo (a,h) anthracene	<2	ug/kg
Fluorene	<1	ug/kg
Naphthalene	<1	ug/kg
Pyrene	<1	ug/kg

Martel Laboratory Services, Inc.

1025 Cromwell Bridge Road

Baltimore, Maryland 21204

(301) 825-7

\*\* Sample Identification: 880906, White Perch

\* Pesticides, Herbicides, PCB's

Aldrin	<0.1	ug/kg
a-BHC	<0.1	ug/kg
Atrazine	<0.1	ug/kg
b-BHC	<0.1	ug/kg
g-BHC (lindane)	<0.1	ug/kg
Chlordane	<1	ug/kg
4,4'-DDT	<0.1	ug/kg
4,4'-DDE	<0.1	ug/kg
4,4'-DDD	<0.1	ug/kg
Diazinon	<1	ug/kg
Dieldrin	<0.1	ug/kg
Endrin	<0.1	ug/kg
Ethyl Parathion	<0.1	ug/kg
Heptachlor	<0.1	ug/kg
Heptachlor Epoxide	<0.1	ug/kg
Linuron	<1	ug/kg
Malathion	<1	ug/kg
Methyl Parathion	<1	ug/kg
Toxaphene	<1	ug/kg
Trifluralin	<1	ug/kg
PCB's (total)	820	ug/kg

\* Phthalates

Butyl benzyl phthalate	<1	ug/kg
Di-n-octyl phthalate	<1	ug/kg
Bis (2-ethylhexyl) phthalate	<10	ug/kg
Di-n-butyl phthalate	<1	ug/kg
Diethyl phthalate	<1	ug/kg
Dimethyl phthalate	<1	ug/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	<1	ug/kg
Acenaphthylene	<1	ug/kg
Benzo (a) anthracene	<1	ug/kg
Benzo (g,h,i) perylene	<2	ug/kg
Chrysene	<1	ug/kg
Fluoranthene	<1	ug/kg
Indeno (1,2,3-cd) pyrene	<2	ug/kg
Phenanthrene	<1	ug/kg
Acenaphthene	<1	ug/kg
Anthracene	<1	ug/kg
Benzo (a) pyrene	<1	ug/kg
Benzo (k) fluoranthene	<1	ug/kg
Dibenzo (a,h) anthracene	<2	ug/kg
Fluorene	<1	ug/kg
Naphthalene	<1	ug/kg
Pyrene	<1	ug/kg

Martel Laboratory Services, Inc.

1025 Cromwell Bridge Road

Baltimore, Maryland 21204

(301) 825-779

\*\* Sample Identification: 880903, White Perch

\* Pesticides, Herbicides, PCB's

Aldrin	<0.1	ug/kg
a-BHC	<0.1	ug/kg
Atrazine	<0.1	ug/kg
b-BHC	<0.1	ug/kg
g-BHC (lindane)	<0.1	ug/kg
Chlordane	<1	ug/kg
4,4'-DDT	<0.1	ug/kg
4,4'-DDE	<0.1	ug/kg
4,4'-DDD	<0.1	ug/kg
Diazinon	<1	ug/kg
Dieldrin	<0.1	ug/kg
Endrin	<0.1	ug/kg
Ethyl Parathion	<0.1	ug/kg
Heptachlor	<0.1	ug/kg
Heptachlor Epoxide	<0.1	ug/kg
Linuron	<1	ug/kg
Malathion	<1	ug/kg
Methyl Parathion	<1	ug/kg
Toxaphene	<1	ug/kg
Trifluralene	<1	ug/kg
PCB's (total)	1000	ug/kg

\* Phthalates

Butyl benzyl phthalate	<1	ug/kg
Di-n-octyl phthalate	<1	ug/kg
Bis (2-ethylhexyl) phthalate	<10	ug/kg
Di-n-butyl phthalate	<1	ug/kg
Diethyl phthalate	<1	ug/kg
Dimethyl phthalate	<1	ug/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	<1	ug/kg
Acenaphthylene	<1	ug/kg
Benzo (a) anthracene	<1	ug/kg
Benzo (g,h,i) perylene	<2	ug/kg
Chrysene	<1	ug/kg
Fluoranthene	<1	ug/kg
Indeno (1,2,3-cd) pyrene	<2	ug/kg
Phenanthrene	<1	ug/kg
Acenaphthene	<1	ug/kg
Anthracene	<1	ug/kg
Benzo (a) pyrene	<1	ug/kg
Benzo (k) fluoranthene	<1	ug/kg
Dibenzo (a,h) anthracene	<2	ug/kg
Fluorene	<1	ug/kg
Naphthalene	<1	ug/kg
Pyrene	<1	ug/kg

Martel Laboratory Services, Inc. 1025 Cromwell Bridge Road Baltimore, Maryland 21204 (301) 825-779

\*\* Sample Identification: 880901, White Parch

\* Pesticides, Herbicides, PCB's

Aldrin	<0.1	ug/kg
a-BHC	<0.1	ug/kg
Atrazine	<0.1	ug/kg
b-BHC	<0.1	ug/kg
g-BHC (lindane)	<0.1	ug/kg
Chlordane	300	ug/kg
4,4'-DDT	<0.1	ug/kg
4,4'-DDE	<0.1	ug/kg
4,4'-DDD	<0.1	ug/kg
Diazinon	<1	ug/kg
Dieldrin	<0.1	ug/kg
Endrin	<0.1	ug/kg
Ethyl Parathion	<0.1	ug/kg
Heptachlor	<0.1	ug/kg
Heptachlor Epoxide	<0.1	ug/kg
Linuron	<1	ug/kg
Malathion	<1	ug/kg
Methyl Parathion	<1	ug/kg
Toxaphene	<1	ug/kg
Trifluraline	<1	ug/kg
PCB's (total)	<1	ug/kg

\* Phthalates

Butyl benzyl phthalate	<1	ug/kg
Di-n-octyl phthalate	<1	ug/kg
Bis (2-ethylhexyl) phthalate	560	ug/kg
Di-n-butyl phthalate	<1	ug/kg
Diethyl phthalate	<1	ug/kg
Dimethyl phthalate	<1	ug/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	<1	ug/kg
Acenaphthylene	<1	ug/kg
Benzo (a) anthracene	<1	ug/kg
Benzo (g,h,i) perylene	<2	ug/kg
Chrysene	<1	ug/kg
Fluoranthene	<1	ug/kg
Indeno (1,2,3-cd) pyrene	<2	ug/kg
Phenanthrene	<1	ug/kg
Acenaphthene	<1	ug/kg
Anthracene	<1	ug/kg
Benzo (a) pyrene	<1	ug/kg
Benzo (k) fluoranthene	<1	ug/kg
Dibenzo (a,h) anthracene	<2	ug/kg
Fluorene	<1	ug/kg
Naphthalene	<1	ug/kg
Pyrene	<1	ug/kg

Martel Laboratory Services, Inc. 1025 Cromwell Bridge Road Baltimore, Maryland 21204 (301) 825-77

\*\* Sample Identification: 880900, White Perch

\* Pesticides, Herbicides, PCB's

Aldrin	<0.1	ug/kg
a-BHC	<0.1	ug/kg
Atrazine	<0.1	ug/kg
b-BHC	<0.1	ug/kg
g-BHC (lindane)	<0.1	ug/kg
Chlordane	<1	ug/kg
4,4'-DDT	<0.1	ug/kg
4,4'-DDE	<0.1	ug/kg
4,4'-DDD	<0.1	ug/kg
Diazinon	<1	ug/kg
Dieldrin	<0.1	ug/kg
Endrin	<0.1	ug/kg
Ethyl Parathion	<0.1	ug/kg
Heptachlor	<0.1	ug/kg
Heptachlor Epoxide	<0.1	ug/kg
Linuron	<1	ug/kg
Malathion	<1	ug/kg
Methyl Parathion	<1	ug/kg
Toxaphene	<1	ug/kg
Trifluraline	<1	ug/kg
PCB's (total)	1000	ug/kg

\* Phthalates

Butyl benzyl phthalate	<1	ug/kg
Di-n-octyl phthalate	<1	ug/kg
Bis (2-ethylhexyl) phthalate	<10	ug/kg
Di-n-butyl phthalate	<1	ug/kg
Diethyl phthalate	<1	ug/kg
Dimethyl phthalate	<1	ug/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	<1	ug/kg
Acenaphthylene	<1	ug/kg
Benzo (a) anthracene	<1	ug/kg
Benzo (g,h,i) perylene	<2	ug/kg
Chrysene	<1	ug/kg
Fluoranthene	<1	ug/kg
Indeno (1,2,3-cd) pyrene	<2	ug/kg
Phenanthrene	<1	ug/kg
Acenaphthene	<1	ug/kg
Anthracene	<1	ug/kg
Benzo (a) pyrene	<1	ug/kg
Benzo (k) fluoranthene	<1	ug/kg
Dibenzo (a,h) anthracene	<2	ug/kg
Fluorene	<1	ug/kg
Naphthalene	<1	ug/kg
Pyrene	<1	ug/kg



Martel Laboratory Services, Inc. . 1025 Cromwell Bridge Road Baltimore, Maryland 21204 (301) 825-7790

\*\* Sample Identification: 880895, Rangia

\* Pesticides, Herbicides, PCB's

Aldrin	<0.1	ug/kg
a-BHC	<0.1	ug/kg
Atrazine	<0.1	ug/kg
b-BHC	<0.1	ug/kg
g-BHC (lindane)	<0.1	ug/kg
Chlordane	<1	ug/kg
4,4'-DDT	<0.1	ug/kg
4,4'-DDE	<0.1	ug/kg
4,4'-DDD	<0.1	ug/kg
Diazinon	<1	ug/kg
Dieldrin	<0.1	ug/kg
Endrin	<0.1	ug/kg
Ethyl Parathion	<0.1	ug/kg
Heptachlor	<0.1	ug/kg
Heptachlor Epoxide	<0.1	ug/kg
Linuron	<1	ug/kg
Malathion	<1	ug/kg
Methyl Parathion	<1	ug/kg
Toxaphene	<1	ug/kg
Trifluralin	<1	ug/kg
PCB's (total)	1900	ug/kg

\* Phthalates

Butyl benzyl phthalate	<1	ug/kg
Dis-n-octyl phthalate	<1	ug/kg
Bis (2-ethylhexyl) phthalate	450	ug/kg
Di-n-butyl phthalate	<1	ug/kg
Diethyl phthalate	<1	ug/kg
Dimethyl phthalate	<1	ug/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	<1	ug/kg
Acenaphthylene	<1	ug/kg
Benzo (a) anthracene	<1	ug/kg
Benzo (g,h,i) perylene	<2	ug/kg
Chrysene	<1	ug/kg
Fluoranthene	<1	ug/kg
Indeno (1,2,3-cd) pyrene	<2	ug/kg
Phenanthrene	<1	ug/kg
Acenaphthene	<1	ug/kg
Anthracene	<1	ug/kg
Benzo (a) pyrene	<1	ug/kg
Benzo (k) fluoranthene	<1	ug/kg
Dibenzo (a,h) anthracene	<2	ug/kg
Fluorene	<1	ug/kg
Naphthalene	<1	ug/kg
Pyrene	<1	ug/kg

Martel Laboratory Services, Inc. • 1025 Cromwell Bridge Road Baltimore, Maryland 21204 (301) 825-7791  
Maryland Environmental Service  
Organic Compounds EPA Methods 608, 606, 610

Analytical Parameter	Result	Units
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\*\* Sample Identification: BB0881, Rangia

\* Pesticides, Herbicides, PCB's

Aldrin	<0.1	ug/kg
a-BHC	<0.1	ug/kg
Atrazine	<0.1	ug/kg
b-BHC	<0.1	ug/kg
g-BHC (lindane)	<0.1	ug/kg
Chlordane	<1	ug/kg
4,4'-DDT	<0.1	ug/kg
4,4'-DDE	<0.1	ug/kg
4,4'-DDD	<0.1	ug/kg
Diazinon	<1	ug/kg
Dieldrin	<0.1	ug/kg
Endrin	<0.1	ug/kg
Ethyl Parathion	<0.1	ug/kg
Heptachlor	<0.1	ug/kg
Heptachlor Epoxide	<0.1	ug/kg
Linuron	<1	ug/kg
Malathion	<1	ug/kg
Methyl Parathion	<1	ug/kg
Toxaphene	<1	ug/kg
Trifluralin	<1	ug/kg
PCB's (total)	<1	ug/kg

\* Phthalates

Butyl benzyl phthalate	<1	ug/kg
Dis-n-octyl phthalate	<1	ug/kg
Bis (2-ethylhexyl) phthalate	<10	ug/kg
Di-n-butyl phthalate	<1	ug/kg
Diethyl phthalate	<1	ug/kg
Dimethyl phthalate	<1	ug/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	<1	ug/kg
Acenaphthylene	<1	ug/kg
Benzo (a) anthracene	<1	ug/kg
Benzo (g,h,i) perylene	<2	ug/kg
Chrysene	<1	ug/kg
Fluoranthene	<1	ug/kg
Indeno (1,2,3-cd) pyrene	<2	ug/kg
Phenanthrene	<1	ug/kg
Acenaphthene	<1	ug/kg
Anthracene	<1	ug/kg
Benzo (a) pyrene	<1	ug/kg
Benzo (k) fluoranthene	<1	ug/kg
Dibenzo (a,h) anthracene	<2	ug/kg
Fluorene	<1	ug/kg
Naphthalene	<1	ug/kg
Pyrene	<1	ug/kg

Martel Laboratory Services, Inc. . 1025 Cromwell Bridge Road Baltimore, Maryland 21204 (301) 825-7

\*\* Sample Identification: 880884, Rangia

\* Pesticides, Herbicides, PCB's

Aldrin	<0.1	ug/kg
a-BHC	<0.1	ug/kg
Atrazine	<0.1	ug/kg
b-BHC	<0.1	ug/kg
g-BHC (lindane)	<0.1	ug/kg
Chlordane	<1	ug/kg
4,4'-DDT	<0.1	ug/kg
4,4'-DDE	<0.1	ug/kg
4,4'-DDD	<0.1	ug/kg
Diazinon	<1	ug/kg
Dieldrin	<0.1	ug/kg
Endrin	<0.1	ug/kg
Ethyl Parathion	<0.1	ug/kg
Heptachlor	<0.1	ug/kg
Heptachlor Epoxide	<0.1	ug/kg
Linuron	<1	ug/kg
Malathion	<1	ug/kg
Methyl Parathion	<1	ug/kg
Toxaphene	<1	ug/kg
Trifluraline	<1	ug/kg
PCB's (total)	<1	ug/kg

\* Phthalates

Butyl benzyl phthalate	<1	ug/kg
Di-n-octyl phthalate	<1	ug/kg
Bis (2-ethylhexyl) phthalate	<10	ug/kg
Di-n-butyl phthalate	<1	ug/kg
Diethyl phthalate	<1	ug/kg
Dimethyl phthalate	<1	ug/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	<1	ug/kg
Acenaphthylene	<1	ug/kg
Benzo (a) anthracene	<1	ug/kg
Benzo (g,h,i) perylene	<2	ug/kg
Chrysene	<1	ug/kg
Fluoranthene	<1	ug/kg
Indeno (1,2,3-cd) pyrene	<2	ug/kg
Phenanthrene	<1	ug/kg
Acenaphthene	<1	ug/kg
Anthracene	<1	ug/kg
Benzo (a) pyrene	<1	ug/kg
Benzo (k) fluoranthene	<1	ug/kg
Dibenzo (a,h) anthracene	<2	ug/kg
Fluorene	<1	ug/kg
Naphthalene	<1	ug/kg
Pyrene	<1	ug/kg

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\*\* Sample Identification: 880897, Rangia

\* Pesticides, Herbicides, PCB's

Aldrin	<0.1	ug/kg
a-BHC	<0.1	ug/kg
Atrazine	<0.1	ug/kg
b-BHC	<0.1	ug/kg
g-BHC (lindane)	<0.1	ug/kg
Chlordane	<1	ug/kg
4,4'-DDT	<0.1	ug/kg
4,4'-DDE	<0.1	ug/kg
4,4'-DDD	<0.1	ug/kg
Diazinon	<1	ug/kg
Dieldrin	<0.1	ug/kg
Endrin	<0.1	ug/kg
Ethyl Parathion	<0.1	ug/kg
Heptachlor	<0.1	ug/kg
Heptachlor Epoxide	<0.1	ug/kg
Linuron	<1	ug/kg
Malathion	<1	ug/kg
Methyl Parathion	<1	ug/kg
Toxaphene	<1	ug/kg
Trifluralin	<1	ug/kg
PCB's (total)	<100	ug/kg

\* Phthalates

Butyl benzyl phthalate	<1	ug/kg
Di-n-octyl phthalate	<1	ug/kg
Bis (2-ethylhexyl) phthalate	<10	ug/kg
Di-n-butyl phthalate	<1	ug/kg
Diethyl phthalate	<1	ug/kg
Dimethyl phthalate	<1	ug/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	<1	ug/kg
Acenaphthylene	<1	ug/kg
Benzo (a) anthracene	<1	ug/kg
Benzo (g,h,i) perylene	<2	ug/kg
Chrysene	<1	ug/kg
Fluoranthene	<1	ug/kg
Indeno (1,2,3-cd) pyrene	<2	ug/kg
Phenanthrene	<1	ug/kg
Acenaphthene	<1	ug/kg
Anthracene	<1	ug/kg
Benzo (a) pyrene	<1	ug/kg
Benzo (k) fluoranthene	<1	ug/kg
Dibenzo (a,h) anthracene	<2	ug/kg
Fluorene	<1	ug/kg
Naphthalene	<1	ug/kg
Pyrene	<1	ug/kg

Martel Laboratory Services, Inc. . 1025 Cromwell Bridge Road Baltimore, Maryland 21204 (301) 825-779

\*\* Sample Identification: 880894, Rangia

\* Pesticides, Herbicides, PCB's

Aldrin	<0.1	ug/kg
a-BHC	<0.1	ug/kg
Atrazine	<0.1	ug/kg
b-BHC	<0.1	ug/kg
g-BHC (lindane)	<0.1	ug/kg
Chlordane	<1	ug/kg
4,4'-DDT	<0.1	ug/kg
4,4'-DDE	<0.1	ug/kg
4,4'-DDD	<0.1	ug/kg
Diazinon	<1	ug/kg
Dieldrin	<0.1	ug/kg
Endrin	<0.1	ug/kg
Ethyl Parathion	<0.1	ug/kg
Heptachlor	<0.1	ug/kg
Heptachlor Epoxide	<0.1	ug/kg
Linuron	<1	ug/kg
Malathion	<1	ug/kg
Methyl Parathion	<1	ug/kg
Toxaphene	<1	ug/kg
Trifluraline	<1	ug/kg
PCB's (total)	200	ug/kg

\* Phthalates

Butyl benzyl phthalate	<1	ug/kg
Di-n-octyl phthalate	<1	ug/kg
Bis (2-ethylhexyl) phthalate	<10	ug/kg
Di-n-butyl phthalate	<1	ug/kg
Diethyl phthalate	<1	ug/kg
Dimethyl phthalate	<1	ug/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	<1	ug/kg
Acenaphthylene	<1	ug/kg
Benzo (a) anthracene	<1	ug/kg
Benzo (g,h,i) perylene	<2	ug/kg
Chrysene	<1	ug/kg
Fluoranthene	<1	ug/kg
Indeno (1,2,3-cd) pyrene	<2	ug/kg
Phenanthrene	<1	ug/kg
Acenaphthene	<1	ug/kg
Anthracene	<1	ug/kg
Benzo (a) pyrene	<1	ug/kg
Benzo (k) fluoranthene	<1	ug/kg
Dibenzo (a,h) anthracene	<2	ug/kg
Fluorene	<1	ug/kg
Naphthalene	<1	ug/kg
Pyrene	<1	ug/kg

Martel Laboratory Services, Inc. , 1025 Cromwell Bridge Road Baltimore, Maryland 21204 (301) 825-779

\*\* Sample Identification: 880998, Large Rangia

\* Pesticides, Herbicides, PCB's

Aldrin	<0.1	ug/kg
a-BHC	<0.1	ug/kg
Atrazine	<0.1	ug/kg
b-BHC	<0.1	ug/kg
g-BHC (lindane)	<0.1	ug/kg
Chlordane	<1	ug/kg
4,4'-DDT	<0.1	ug/kg
4,4'-DDE	<0.1	ug/kg
4,4'-DDD	<0.1	ug/kg
Diazinon	<1	ug/kg
Dieldrin	<0.1	ug/kg
Endrin	<0.1	ug/kg
Ethyl Parathion	<0.1	ug/kg
Heptachlor	<0.1	ug/kg
Heptachlor Epoxide	<0.1	ug/kg
Linuron	<1	ug/kg
Malathion	<1	ug/kg
Methyl Parathion	<1	ug/kg
Toxaphene	<1	ug/kg
Trifluraline	<1	ug/kg
PCB's (total)	1000	ug/kg

\* Phthalates

Butyl benzyl phthalate	<1	ug/kg
Dis-n-octyl phthalate	<1	ug/kg
Bis (2-ethylhexyl) phthalate	<10	ug/kg
Di-n-butyl phthalate	<1	ug/kg
Diethyl phthalate	<1	ug/kg
Dimethyl phthalate	<1	ug/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	<1	ug/kg
Acenaphthylene	<1	ug/kg
Benzo (a) anthracene	<1	ug/kg
Benzo (g,h,i) perylene	<2	ug/kg
Chrysene	<1	ug/kg
Fluoranthene	<1	ug/kg
Indeno (1,2,3-cd) pyrene	<2	ug/kg
Phenanthrene	<1	ug/kg
Acenaphthene	<1	ug/kg
Anthracene	<1	ug/kg
Benzo (a) pyrene	<1	ug/kg
Benzo (k) fluoranthene	<1	ug/kg
Dibenzo (a,h) anthracene	<2	ug/kg
Fluorene	<1	ug/kg
Naphthalene	<1	ug/kg
Pyrene	<1	ug/kg

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\*\* Sample Identification: 880899. Med Rangia

\* Pesticides, Herbicides, PCB's

Aldrin	<0.1	ug/kg
a-BHC	<0.1	ug/kg
Atrazine	<0.1	ug/kg
b-BHC	<0.1	ug/kg
g-BHC (lindane)	<0.1	ug/kg
Chlordane	<1	ug/kg
4,4'-DDT	<0.1	ug/kg
4,4'-DDE	<0.1	ug/kg
4,4'-DDD	<0.1	ug/kg
Diazinon	<1	ug/kg
Dieldrin	<0.1	ug/kg
Endrin	<0.1	ug/kg
Ethyl Parathion	<0.1	ug/kg
Heptachlor	<0.1	ug/kg
Heptachlor Epoxide	<0.1	ug/kg
Linuron	<1	ug/kg
Malathion	<1	ug/kg
Methyl Parathion	<1	ug/kg
Toxaphene	<1	ug/kg
Trifluralin	<1	ug/kg
PCB's (total)	1000	ug/kg

\* Phthalates

Butyl benzyl phthalate	<1	ug/kg
Dis-n-octyl phthalate	<1	ug/kg
Bis (2-ethylhexyl) phthalate	<10	ug/kg
Di-n-butyl phthalate	<1	ug/kg
Diethyl phthalate	<1	ug/kg
Dimethyl phthalate	<1	ug/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	<1	ug/kg
Acenaphthylene	<1	ug/kg
Benzo (a) anthracene	<1	ug/kg
Benzo (g,h,i) perylene	<2	ug/kg
Chrysene	<1	ug/kg
Fluoranthene	<1	ug/kg
Indeno (1,2,3-cd) pyrene	<2	ug/kg
Phenanthrene	<1	ug/kg
Acenaphthene	<1	ug/kg
Anthracene	<1	ug/kg
Benzo (a) pyrene	<1	ug/kg
Benzo (k) fluoranthene	<1	ug/kg
Dibenzo (a,h) anthracene	<2	ug/kg
Fluorene	<1	ug/kg
Naphthalene	<1	ug/kg
Pyrene	<1	ug/kg

Martel Laboratory Services, Inc. . 1025 Cromwell Bridge Road Baltimore, Maryland 21204 (301) 825-779

\*\* Sample Identification: 880893, Rangia

\* Pesticides, Herbicides, PCB's

Aldrin	<0.1	ug/kg
a-BHC	<0.1	ug/kg
Atrazine	<0.1	ug/kg
b-BHC	<0.1	ug/kg
g-BHC (lindane)	<0.1	ug/kg
Chlordane	<1	ug/kg
4,4'-DDT	<0.1	ug/kg
4,4'-DDE	<0.1	ug/kg
4,4'-DDD	<0.1	ug/kg
Diazinon	<1	ug/kg
Dieldrin	<0.1	ug/kg
Endrin	<0.1	ug/kg
Ethyl Parathion	<0.1	ug/kg
Heptachlor	<0.1	ug/kg
Heptachlor Epoxide	<0.1	ug/kg
Linuron	<1	ug/kg
Malathion	<1	ug/kg
Methyl Parathion	<1	ug/kg
Toxaphene	<1	ug/kg
Trifluraline	<1	ug/kg
PCB's (total)	2000	ug/kg

\* Phthalates

Butyl benzyl phthalate	<1	ug/kg
Dis-n-octyl phthalate	<1	ug/kg
Bis (2-ethylhexyl) phthalate	<10	ug/kg
Di-n-butyl phthalate	<1	ug/kg
Diethyl phthalate	<1	ug/kg
Dimethyl phthalate	<1	ug/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	<1	ug/kg
Acenaphthylene	<1	ug/kg
Benzo (a) anthracene	<1	ug/kg
Benzo (g,h,i) perylene	<2	ug/kg
Chrysene	<1	ug/kg
Fluoranthene	<1	ug/kg
Indeno (1,2,3-cd) pyrene	<2	ug/kg
Phenanthrene	<1	ug/kg
Acenaphthene	<1	ug/kg
Anthracene	<1	ug/kg
Benzo (a) pyrene	<1	ug/kg
Benzo (k) fluoranthene	<1	ug/kg
Dibenzo (a,h) anthracene	<2	ug/kg
Fluorene	<1	ug/kg
Naphthalene	<1	ug/kg
Pyrene	<1	ug/kg



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\*\* Sample Identification: 880889, Cyanthura

\* Pesticides, Herbicides, PCB's

Aldrin	<10	ug/kg
a-BHC	<10	ug/kg
Atrazine	<10	ug/kg
b-BHC	<10	ug/kg
g-BHC (lindane)	<10	ug/kg
Chlordane	<100	ug/kg
4,4'-DDT	<10	ug/kg
4,4'-DDE	<10	ug/kg
4,4'-DDD	<10	ug/kg
Diazinon	<100	ug/kg
Dieldrin	<10	ug/kg
Endrin	<10	ug/kg
Ethyl Parathion	<10	ug/kg
Heptachlor	<10	ug/kg
Heptachlor Epoxide	<10	ug/kg
Linuron	<100	ug/kg
Malathion	<100	ug/kg
Methyl Parathion	<100	ug/kg
Toxaphene	<100	ug/kg
Trifluralin	<100	ug/kg
PCB's (total)	<100	ug/kg

\* Phthalates

Butyl benzyl phthalate	<100	ug/kg
Dis-n-octyl phthalate	<100	ug/kg
Bis (2-ethylhexyl) phthalate	<100	ug/kg
Di-n-butyl phthalate	<100	ug/kg
Diethyl phthalate	<100	ug/kg
Dimethyl phthalate	<100	ug/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	<100	ug/kg
Acenaphthylene	<100	ug/kg
Benzo (a) anthracene	<100	ug/kg
Benzo (g,h,i) perylene	<200	ug/kg
Chrysene	<100	ug/kg
Fluoranthene	<100	ug/kg
Indeno (1,2,3-cd) pyrene	<200	ug/kg
Phenanthrene	<100	ug/kg
Acenaphthene	<100	ug/kg
Anthracene	<100	ug/kg
Benzo (a) pyrene	<100	ug/kg
Benzo (k) fluoranthene	<100	ug/kg
Dibenzo (a,h) anthracene	<200	ug/kg
Fluorene	<100	ug/kg
Naphthalene	<100	ug/kg
Pyrene	<100	ug/kg

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\*\* Sample Identification: 880897. Cyanthura

\* Pesticides, Herbicides, PCB's

Aldrin	<100	ug/kg
a-BHC	<100	ug/kg
Atrazine	<100	ug/kg
b-BHC	<100	ug/kg
g-BHC (lindene)	<100	ug/kg
Chlordane	<1000	ug/kg
4,4'-DDT	<100	ug/kg
4,4'-DDE	<100	ug/kg
4,4'-DDD	<100	ug/kg
Diazinon	<1000	ug/kg
Dieldrin	<100	ug/kg
Endrin	<100	ug/kg
Ethyl Parathion	<100	ug/kg
Heptachlor	<100	ug/kg
Heptachlor Epoxide	<100	ug/kg
Linuron	<1000	ug/kg
Malathion	<1000	ug/kg
Methyl Parathion	<1000	ug/kg
Toxaphene	<1000	ug/kg
Trifluralin	<1000	ug/kg
PCB's (total)	<1000	ug/kg

\* Phthalates

Butyl benzyl phthalate	<1000	ug/kg
Di-n-octyl phthalate	<1000	ug/kg
Bis (2-ethylhexyl) phthalate	<10000	ug/kg
Di-n-butyl phthalate	<1000	ug/kg
Diethyl phthalate	<1000	ug/kg
Dimethyl phthalate	<1000	ug/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	<1000	ug/kg
Acenaphthylene	<1000	ug/kg
Benzo (a) anthracene	<1000	ug/kg
Benzo (g,h,i) perylene	<2000	ug/kg
Chrysene	<1000	ug/kg
Fluoranthene	<1000	ug/kg
Indeno (1,2,3-cd) pyrene	<2000	ug/kg
Phenanthrene	<1000	ug/kg
Acenaphthene	<1000	ug/kg
Anthracene	<1000	ug/kg
Benzo (a) pyrene	<1000	ug/kg
Benzo (k) fluoranthene	<1000	ug/kg
Dibenzo (a,h) anthracene	<2000	ug/kg
Fluorene	<1000	ug/kg
Naphthalene	<1000	ug/kg
Pyrene	<1000	ug/kg

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\*\* Sample Identification: 880986, Cyanthura

\* Pesticides, Herbicides, PCB's

Aldrin	<10	ug/kg
a-BHC	<10	ug/kg
Atrazine	<10	ug/kg
b-BHC	<10	ug/kg
g-BHC (lindane)	<10	ug/kg
Chlordane	<100	ug/kg
4,4'-DDT	<10	ug/kg
4,4'-DDE	<10	ug/kg
4,4'-DDD	<10	ug/kg
Diazinon	<100	ug/kg
Dieldrin	<10	ug/kg
Endrin	<10	ug/kg
Ethyl Parathion	<10	ug/kg
Heptachlor	<10	ug/kg
Heptachlor Epoxide	<10	ug/kg
Linuron	<100	ug/kg
Malathion	<100	ug/kg
Methyl Parathion	<100	ug/kg
Toxaphene	<100	ug/kg
Trifluralin	<100	ug/kg
PCB's (total)	<100	ug/kg

\* Phthalates

Butyl benzyl phthalate	<100	ug/kg
Di-n-octyl phthalate	<100	ug/kg
Bis (2-ethylhexyl) phthalate	<100	ug/kg
Di-n-butyl phthalate	<100	ug/kg
Diethyl phthalate	<100	ug/kg
Dimethyl phthalate	<100	ug/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	<100	ug/kg
Acenaphthylene	<100	ug/kg
Benzo (a) anthracene	<100	ug/kg
Benzo (g,h,i) perylene	<200	ug/kg
Chrysene	<100	ug/kg
Fluoranthene	<100	ug/kg
Indeno (1,2,3-cd) pyrene	<200	ug/kg
Phenanthrene	<100	ug/kg
Acenaphthene	<100	ug/kg
Anthracene	<100	ug/kg
Benzo (a) pyrene	<100	ug/kg
Benzo (k) fluoranthene	<100	ug/kg
Dibenzo (a,h) anthracene	<200	ug/kg
Fluorene	<100	ug/kg
Naphthalene	<100	ug/kg
Pyrene	<100	ug/kg

Martel Laboratory Services, Inc. 1025 Cromwell Bridge Road Baltimore, Maryland 21204 (301) 825-77

\*\* Sample Identification: 880983, Cyanthura

\* Pesticides, Herbicides, PCB's

Aldrin	<100	ug/kg
a-BHC	<100	ug/kg
Atrazine	<100	ug/kg
b-BHC	<100	ug/kg
g-BHC (lindane)	<100	ug/kg
Chlordane	<1000	ug/kg
4,4'-DDE	<100	ug/kg
4,4'-DDE	<100	ug/kg
4,4'-DDD	<100	ug/kg
Diazinon	<1000	ug/kg
Dieldrin	<100	ug/kg
Endrin	<100	ug/kg
Ethyl Parathion	<100	ug/kg
Heptachlor	<100	ug/kg
Heptachlor Epoxide	<100	ug/kg
Linuron	<1000	ug/kg
Malathion	<1000	ug/kg
Methyl Parathion	<1000	ug/kg
Toxaphene	<1000	ug/kg
Trifluralin	<1000	ug/kg
PCB's (total)	1000	ug/kg

\* Phthalates

Butyl benzyl phthalate	<1000	ug/kg
Di-n-octyl phthalate	<1000	ug/kg
Bis (2-ethylhexyl) phthalate	<10000	ug/kg
Di-n-butyl phthalate	<1000	ug/kg
Diethyl phthalate	<1000	ug/kg
Dimethyl phthalate	<1000	ug/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	<1000	ug/kg
Acenaphthylene	<1000	ug/kg
Benzo (a) anthracene	<1000	ug/kg
Benzo (g,h,i) perylene	<2000	ug/kg
Chrysene	<1000	ug/kg
Fluoranthene	<1000	ug/kg
Indeno (1,2,3-cd) pyrene	<2000	ug/kg
Phenanthrene	<1000	ug/kg
Acenaphthene	<1000	ug/kg
Anthracene	<1000	ug/kg
Benzo (a) pyrene	<1000	ug/kg
Benzo (k) fluoranthene	<1000	ug/kg
Dibenzo (a,h) anthracene	<2000	ug/kg
Fluorene	<1000	ug/kg
Naphthalene	<1000	ug/kg
Pyrene	<1000	ug/kg

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\*\* Sample Identification: 880888, Macoma

\* Pesticides, Herbicides, PCB's

Aldrin	<0.5	ug/kg
a-BHC	<0.5	ug/kg
Atrazine	<0.5	ug/kg
b-BHC	<0.5	ug/kg
g-BHC (lindane)	<0.5	ug/kg
Chlordane	<5	ug/kg
4,4'-DDT	<0.5	ug/kg
4,4'-DDE	<0.5	ug/kg
4,4'-DDD	<0.5	ug/kg
Diazinon	<5	ug/kg
Dieldrin	<0.5	ug/kg
Endrin	<0.5	ug/kg
Ethyl Parathion	<0.5	ug/kg
Heptachlor	<0.5	ug/kg
Heptachlor Epoxide	<0.5	ug/kg
Linuron	<5	ug/kg
Malathion	<5	ug/kg
Methyl Parathion	<5	ug/kg
Toxaphene	<5	ug/kg
Trifluraline	<5	ug/kg
PCB's (total)	<5	ug/kg

\* Phthalates

Butyl benzyl phthalate	<5	ug/kg
Dis-n-octyl phthalate	<5	ug/kg
Bis (2-ethylhexyl) phthalate	<5	ug/kg
Di-n-butyl phthalate	<5	ug/kg
Diethyl phthalate	<5	ug/kg
Dimethyl phthalate	<5	ug/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	<5	ug/kg
Acenaphthylene	<5	ug/kg
Benzo (a) anthracene	<5	ug/kg
Benzo (g,h,i) perylene	<10	ug/kg
Chrysene	<5	ug/kg
Fluoranthene	<5	ug/kg
Indeno (1,2,3-cd) pyrene	<10	ug/kg
Phenanthrene	<5	ug/kg
Acenaphthene	<5	ug/kg
Anthracene	<5	ug/kg
Benzo (a) pyrene	<5	ug/kg
Benzo (k) fluoranthene	<5	ug/kg
Dibenzo (a,h) anthracene	<10	ug/kg
Fluorene	<5	ug/kg
Naphthalene	<5	ug/kg
Pyrene	<5	ug/kg

Martel Laboratory Services, Inc. , 1025 Cromwell Bridge Road Baltimore, Maryland 21204 (301) 825-779

\*\* Sample Identification: 880885, Racoma

\* Pesticides, Herbicides, PCB's

Aldrin	<0.2	ug/kg
a-BHC	<0.2	ug/kg
Atrazine	<0.2	ug/kg
b-BHC	<0.2	ug/kg
g-BHC (lindane)	<0.2	ug/kg
Chlordane	<2	ug/kg
4,4'-DDT	<0.2	ug/kg
4,4'-DDE	<0.2	ug/kg
4,4'-DDD	<0.2	ug/kg
Diazinon	<2	ug/kg
Dieldrin	<0.2	ug/kg
Endrin	<0.2	ug/kg
Ethyl Parathion	<0.2	ug/kg
Heptachlor	<0.2	ug/kg
Heptachlor Epoxide	<0.2	ug/kg
Linuron	<2	ug/kg
Malathion	<2	ug/kg
Methyl Parathion	<2	ug/kg
Toxaphene	<2	ug/kg
Trifluralin	<2	ug/kg
PCB's (total)	<200	ug/kg

\* Phthalates

Butyl benzyl phthalate	<2	ug/kg
Di-n-octyl phthalate	<2	ug/kg
Bis (2-ethylhexyl) phthalate	<20	ug/kg
Di-n-butyl phthalate	<2	ug/kg
Diethyl phthalate	<2	ug/kg
Dimethyl phthalate	<2	ug/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	<2	ug/kg
Acenaphthylene	<2	ug/kg
Benzo (a) anthracene	<2	ug/kg
Benzo (g,h,i) perylene	<4	ug/kg
Chrysene	<2	ug/kg
Fluoranthene	<2	ug/kg
Indeno (1,2,3-cd) pyrene	<4	ug/kg
Phenanthrene	<2	ug/kg
Acenaphthene	<2	ug/kg
Anthracene	<2	ug/kg
Benzo (a) pyrene	<2	ug/kg
Benzo (k) fluoranthene	<2	ug/kg
Dibenzo (a,h) anthracene	<4	ug/kg
Fluorene	<2	ug/kg
Naphthalene	<2	ug/kg
Pyrene	<2	ug/kg

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\*\* Sample Identification: 880882, Macoma

\* Pesticides, Herbicides, PCB's

Aldrin	<0.1	ug/kg
a-BHC	<0.1	ug/kg
Atrazine	<0.1	ug/kg
b-BHC	<0.1	ug/kg
g-BHC (lindane)	<0.1	ug/kg
Chlordane	236	ug/kg
4,4'-DDT	<0.1	ug/kg
4,4'-DDE	<0.1	ug/kg
4,4'-DDD	<0.1	ug/kg
Diazinon	<1	ug/kg
Dieldrin	<0.1	ug/kg
Endrin	<0.1	ug/kg
Ethyl Parathion	<0.1	ug/kg
Heptachlor	<0.1	ug/kg
Heptachlor Epoxide	<0.1	ug/kg
Linuron	<1	ug/kg
Malathion	<1	ug/kg
Metaryl Parathion	<1	ug/kg
Toxarhene	<1	ug/kg
Trifluralin	<1	ug/kg
PCB's (total)	<1	ug/kg

\* Phthalates

Buyl benzyl phthalate	<1	ug/kg
Di-n-octyl phthalate	<1	ug/kg
Bis (2-ethylhexyl) phthalate	290	ug/kg
Di-n-butyl phthalate	<1	ug/kg
Diethyl phthalate	<1	ug/kg
Dimethyl phthalate	<1	ug/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	<1	ug/kg
Acenaphthylene	<1	ug/kg
Benzo (a) anthracene	<1	ug/kg
Benzo (q,h,i) perylene	<2	ug/kg
Chrysene	<1	ug/kg
Fluoranthene	<1	ug/kg
Indeno (1,2,3-cd) pyrene	<2	ug/kg
Phenanthrene	<1	ug/kg
Acenaphthene	<1	ug/kg
Anthracene	<1	ug/kg
Benzo (a) pyrene	<1	ug/kg
Benzo (k) fluoranthene	<1	ug/kg
Dibenzo (a,h) anthracene	<2	ug/kg
Fluorene	<1	ug/kg
Naphthalene	<1	ug/kg
Pyrene	<1	ug/kg

Martel Laboratory Services, Inc. 1025 Cromwell Bridge Road Baltimore, Maryland 21204 (301) 825-779

\*\* Sample Identification: 980892, Rithropanop

\* Pesticides, Herbicides, PCB's

Aldrin	<50	ug/kg
a-BHC	<50	ug/kg
Atrazine	<50	ug/kg
b-BHC	<50	ug/kg
g-BHC (lindane)	<50	ug/kg
Chlordane	<500	ug/kg
4,4'-DDT	<50	ug/kg
4,4'-DDE	<50	ug/kg
4,4'-DDD	<50	ug/kg
Diazinon	<500	ug/kg
Dieldrin	<50	ug/kg
Endrin	<50	ug/kg
Ethyl Parathion	<50	ug/kg
Heptachlor	<50	ug/kg
Heptachlor Epoxide	<50	ug/kg
Linuron	<500	ug/kg
Malathion	<500	ug/kg
Methyl Parathion	<500	ug/kg
Toxaphene	<500	ug/kg
Trifluralin	<500	ug/kg
PCB's (total)	<500	ug/kg

\* Phthalates

Butyl benzyl phthalate	<500	ug/kg
Di-n-octyl phthalate	<500	ug/kg
Bis (2-ethylhexyl) phthalate	<500	ug/kg
Di-n-butyl phthalate	<500	ug/kg
Diethyl phthalate	<500	ug/kg
Dimethyl phthalate	<500	ug/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	<500	ug/kg
Acenaphthylene	<500	ug/kg
Benzo (a) anthracene	<500	ug/kg
Benzo (g,h,i) perylene	<1000	ug/kg
Chrysene	<500	ug/kg
Fluoranthene	<500	ug/kg
Indeno (1,2,3-cd) pyrene	<1000	ug/kg
Phenanthrene	<500	ug/kg
Acenaphthene	<500	ug/kg
Anthracene	<500	ug/kg
Benzo (a) pyrene	<500	ug/kg
Benzo (k) fluoranthene	<500	ug/kg
Dibenzo (a,h) anthracene	<1000	ug/kg
Fluorene	<500	ug/kg
Naphthalene	<500	ug/kg
Pyrene	<500	ug/kg



Martel Laboratory Services, Inc. 1025 Cromwell Bridge Road Baltimore, Maryland 21204 (301) 825-7790

\*\* Sample Identification: 880896. Mixed Polychaete

\* Pesticides, Herbicides, PCB's

Aldrin	<100	ug/kg
a-BHC	<100	ug/kg
Atrazine	<100	ug/kg
b-BHC	<100	ug/kg
g-BHC (lindane)	<100	ug/kg
Chlordane	<1000	ug/kg
4,4'-DDT	<100	ug/kg
4,4'-DDE	<100	ug/kg
4,4'-DDD	<100	ug/kg
Diazinon	<1000	ug/kg
Dieldrin	<100	ug/kg
Endrin	<100	ug/kg
Ethyl Parathion	<100	ug/kg
Heptachlor	<100	ug/kg
Heptachlor Epoxide	<100	ug/kg
Linuron	<1000	ug/kg
Malathion	<1000	ug/kg
Methyl Parathion	<1000	ug/kg
Toxaphene	<1000	ug/kg
Trifluralin	<1000	ug/kg
PCB's (total)	<1000	ug/kg

\* Phthalates

Butyl benzyl phthalate	<1000	ug/kg
Di-n-octyl phthalate	<1000	ug/kg
Bis (2-ethylhexyl) phthalate	<10000	ug/kg
Di-n-butyl phthalate	<1000	ug/kg
Diethyl phthalate	<1000	ug/kg
Dimethyl phthalate	<1000	ug/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	<1000	ug/kg
Acenaphthylene	<1000	ug/kg
Benzo (a) anthracene	<1000	ug/kg
Benzo (g,h,i) perylene	<2000	ug/kg
Chrysene	<1000	ug/kg
Fluoranthene	<1000	ug/kg
Indeno (1,2,3-cd) pyrene	<2000	ug/kg
Phenanthrene	<1000	ug/kg
Acenaphthene	<1000	ug/kg
Anthracene	<1000	ug/kg
Benzo (a) pyrene	<1000	ug/kg
Benzo (k) fluoranthene	<1000	ug/kg
Dibenzo (a,h) anthracene	<2000	ug/kg
Fluorene	<1000	ug/kg
Naphthalene	<1000	ug/kg
Pyrene	<1000	ug/kg

Martel Laboratory Services, Inc. . 1025 Cromwell Bridge Road Baltimore, Maryland 21204 (301) 825-779

\*\* Sample Identification: 890891. Congeria

\* Pesticides, Herbicides, PCB's

Aldrin	<100	ug/kg
a-BHC	<100	ug/kg
Atrazine	<100	ug/kg
b-BHC	<100	ug/kg
g-BHC (lindane)	<100	ug/kg
Chlordane	<1000	ug/kg
4,4'-DDT	<100	ug/kg
4,4'-DDE	<100	ug/kg
4,4'-DDD	<100	ug/kg
Diazinon	<1000	ug/kg
Dieldrin	<100	ug/kg
Endrin	<100	ug/kg
Ethyl Parathion	<100	ug/kg
Heptachlor	<100	ug/kg
Heptachlor Epoxide	<100	ug/kg
Linuron	<1000	ug/kg
Malathion	<1000	ug/kg
Methyl Parathion	<1000	ug/kg
Toxaphene	<1000	ug/kg
Trifluraline	<1000	ug/kg
PCB's (total)	<1000	ug/kg

\* Phthalates

Butyl benzyl phthalate	<1000	ug/kg
Di-n-octyl phthalate	<1000	ug/kg
Bis (2-ethylhexyl) phthalate	<10000	ug/kg
Di-n-butyl phthalate	<1000	ug/kg
Diethyl phthalate	<1000	ug/kg
Dimethyl phthalate	<1000	ug/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	<1000	ug/kg
Acenaphthylene	<1000	ug/kg
Benzo (a) anthracene	<1000	ug/kg
Benzo (g,h,i) perylene	<2000	ug/kg
Chrysene	<1000	ug/kg
Fluoranthene	<1000	ug/kg
Indeno (1,2,3-cd) pyrene	<2000	ug/kg
Phenanthrene	<1000	ug/kg
Acenaphthene	<1000	ug/kg
Anthracene	<1000	ug/kg
Benzo (a) pyrene	<1000	ug/kg
Benzo (k) fluoranthene	<1000	ug/kg
Dibenzo (a,h) anthracene	<2000	ug/kg
Fluorene	<1000	ug/kg
Naphthalene	<1000	ug/kg
Pyrene	<1000	ug/kg

Martel Laboratory Services, Inc. 1025 Cromwell Bridge Road Baltimore, Maryland 21204 (301) 825-779

\*\* Sample Identification: 880890, Balanus

\* Pesticides, Herbicides, PCB's

Aldrin	<0.1	ug/kg
a-BHC	<0.1	ug/kg
Atrazine	<0.1	ug/kg
b-BHC	<0.1	ug/kg
g-BHC (lindane)	<0.1	ug/kg
Chlordane	<1	ug/kg
4,4'-DDT	<0.1	ug/kg
4,4'-DDE	<0.1	ug/kg
4,4'-DDD	<0.1	ug/kg
Diazinon	<1	ug/kg
Dieldrin	<0.1	ug/kg
Endrin	<0.1	ug/kg
Ethyl Parathion	<0.1	ug/kg
Heptachlor	<0.1	ug/kg
Heptachlor Epoxide	<0.1	ug/kg
Linuron	<1	ug/kg
Malathion	<1	ug/kg
Methyl Parathion	<1	ug/kg
Toxaphene	<1	ug/kg
Trifluralin	<1	ug/kg
PCB's (total)	<1	ug/kg

\* Phthalates

Butyl benzyl phthalate	<1	ug/kg
Di-n-octyl phthalate	<1	ug/kg
Bis (2-ethylhexyl) phthalate	<10	ug/kg
Di-n-butyl phthalate	<1	ug/kg
Diethyl phthalate	<1	ug/kg
Dimethyl phthalate	<1	ug/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	<1	ug/kg
Acenaphthylene	<1	ug/kg
Benzo (a) anthracene	<1	ug/kg
Benzo (g,h,i) perylene	<2	ug/kg
Chrysene	<1	ug/kg
Fluoranthene	<1	ug/kg
Indeno (1,2,3-cd) pyrene	<2	ug/kg
Phenanthrene	<1	ug/kg
Acenaphthene	<1	ug/kg
Anthracene	<1	ug/kg
Benzo (a) pyrene	<1	ug/kg
Benzo (k) fluoranthene	<1	ug/kg
Dibenzo (a,h) anthracene	<2	ug/kg
Fluorene	<1	ug/kg
Naphthalene	<1	ug/kg
Pyrene	<1	ug/kg

H.M.I.	WRA	DATE	SAMPLING TIME	WEATHER	TIDE	DEPTH	SAMPLE	SAMPLE LOCATION	SAMPLER	ANALYSIS	
SAMPLE ID	SAMPLE ID	QUARTER	CODE	FEET	TYPE					REQUIRED	
850219	HM 16-1	4/10/89	YEAR #9 SPRING	1040	C	N/A	16	RANGIA	XIF3325	PFITZENMEYER	MET/ORG
890220	HM 16-2	4/10/89	"	1040	C	N/A	16	MACOMA	XIF3325	PFITZENMEYER	MET/ORG
890221	HM 16-3	4/10/89	"	1040	C	N/A	16	CYANTHURA	XIF3325	PFITZENMEYER	MET/ORG
890222	S 5-1	4/10/89	"	1105	C	N/A	10	RANGIA	XIF4327	PFITZENMEYER	MET/ORG
890223	S 6-2	4/10/89	"	1105	C	N/A	10	MACOMA	XIF4327	PFITZENMEYER	MET/ORG
890224	S 6-3	4/10/89	"	1105	C	N/A	10	CYANTHURA	XIF4327	PFITZENMEYER	MET/ORG
890225	S 4-1	4/10/89	"	1155	C	N/A	14	RANGIA	XIF4715	PFITZENMEYER	MET/ORG
890226	S 4-2	4/10/89	"	1155	C	N/A	14	LEPTOCHANS	XIF4715	PFITZENMEYER	MET/ORG
890227	S 7-1	4/10/89	"	1330	C	N/A	14	RANGIA	XIG5405	PFITZENMEYER	MET/ORG
890228	S 1-1	4/10/89	"	1405	C	N/A	5	RANGIA	XIF5710	PFITZENMEYER	MET/ORG
890229	HM 22-1	4/10/89	"	1440	C	N/A	11	RANGIA (L)	XIG7689	PFITZENMEYER	MET/ORG
890230	HM 22-2	4/10/89	"	1440	C	N/A	11	RANGIA (S)	XIG7689	PFITZENMEYER	MET/ORG
890231	HMIT 1-1	4/10/89	"	1600	C	N/A	10	WHITE PERCH	39 15'44"-76 22'44"	PFITZENMEYER	MET/ORG
890232	HMIT 1-2	4/10/89	"	1600	C	N/A	10	WHITE PERCH	39 15'44"-76 22'44"	PFITZENMEYER	MET/ORG
890233	HMIT 1-3	4/10/89	"	1600	C	N/A	10	YELLOW PERCH	39 15'44"-76 22'44"	PFITZENMEYER	MET/ORG
890234	HMIT 2-1	4/10/89	"	1625	C	N/A	15	WHITE PERCH	39 15'44"-76 20'44"	PFITZENMEYER	MET/ORG
890235	HMIT 2-2	4/10/89	"	1625	C	N/A	15	WHITE PERCH	39 15'44"-76 20'44"	PFITZENMEYER	MET/ORG
890236	HMIT 3-1	4/10/89	"	1642	C	N/A	13	WHITE PERCH	39 14'28"-76 21'34"	PFITZENMEYER	MET/ORG
890237	HMIT 3-2	4/10/89	"	1642	C	N/A	13	WHITE PERCH	39 14'28"-76 21'34"	PFITZENMEYER	MET/ORG
890238	HMIT 4-1	4/10/89	"	1700	C	N/A	15	WHITE PERCH	39 12'44"-76 24'19"	PFITZENMEYER	MET/ORG
890239	HMIT 4-2	4/10/89	"	1700	C	N/A	15	WHITE PERCH	39 12'44"-76 24'19"	PFITZENMEYER	MET/ORG

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\* WEATHER CODES: C = CLOUDY

\* SAMPLES ARE PACKED IN 250ML GLASS JARS WITH TEFLON LINERS \* SAMPLES HAVE BEEN FROZEN SINCE SAMPLING

) ALL SAMPLES ARE TO BE SPLIT FOR ORGANIC ANALYSIS (ALL ANALYSIS LISTED IN TABLE #5 OF AGREEMENT)

AND FOR METAL ANALYSIS OF THE FOLLOWING SIX TRACE METALS:

\* CHROMIUM \* IRON \* MANGANESE \* COPPER \* ZINC \* NICKEL

) SAMPLES DELIVERED TO HMI LABORATORY ON: 4/11/89

SAMPLES RELINQUISHED BY: DR. PFITZENMEYER &amp; DR. JUGUAY

) SAMPLES DELIVERED TO MARTEL LABORATORY ON: 4/12/89

SAMPLES RECEIVED BY: S. MISTRY

H.M.I. PLE ID	WRA SAMPLE ID	DATE	SAMPLING QUARTER	TIME	WEATHER CODE	TIDE CODE	DEPTH FEET	SAMPLE TYPE	SAMPLE LOCATION	SAMPLER	ANALYSIS TO BE DONE
890209	3	04/03/89	YEAR #8 SPRING	N/A	N/A	N/A	15	SEDIMENT	XIF 3430	HENNESSEE	ORGANICS
890210	19	04/03/89	"	N/A	N/A	N/A	18	SEDIMENT	XIF 3620	HENNESSEE	ORGANICS
890211	5C-3	04/03/89	"	N/A	N/A	N/A	15	SEDIMENT	XIF 4615	HENNESSEE	ORGANICS
890212	24-1	04/03/89	"	N/A	N/A	N/A	20	SEDIMENT	XIF 5302	HENNESSEE	ORGANICS
890213	24-2	04/03/89	"	N/A	N/A	N/A	20	SEDIMENT	XIF 5302	HENNESSEE	ORGANICS
890214	24-3	04/03/89	"	N/A	N/A	N/A	20	SEDIMENT	XIF 5302	HENNESSEE	ORGANICS
890215	28	04/03/89	"	N/A	N/A	N/A	19	SEDIMENT	XIG 5639	HENNESSEE	ORGANICS
890216	21 B	04/03/89	"	N/A	N/A	N/A	13	SEDIMENT	XIF 5505	HENNESSEE	ORGANICS
890217	5C-6	04/03/89	"	N/A	N/A	N/A	11	SEDIMENT	XIF 5925	HENNESSEE	ORGANICS
890218	23	04/03/89	"	N/A	N/A	N/A	11	SEDIMENT	XIF 4642	HENNESSEE	ORGANICS

OTHER PERTINENT INFORMATION: <sup>10</sup>

\* SAMPLES WERE COLLECTED IN GLASS JARS WITH TEFLON LIDS \* SAMPLES HAVE BEEN REFRIGERATED SINCE COLLECTION

) SAMPLES DELIVERED TO HMI LABORATORY ON: 04/03/89

SAMPLES RELINQUISHED BY: E.L. HENNESSEE  
SAMPLES RECEIVED BY: S. MISTRY

) SAMPLES DELIVERED TO MARTEL LABORATORY ON: 04/12/89

SAMPLES RELINQUISHED BY: S. MISTRY  
SAMPLES RECEIVED BY: MARTEL LABORATORY

) ALL SAMPLES TO BE ANALYZED FOR ORGANICS LISTED IN TABLE #5

MARTEL LABORATORY SERVICES, INC. 1025 Cromwell Bridge Road Baltimore, Maryland 21204 (301) 825-7790

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5920 North Belt, Suite 111 Houston, Texas 77396 (713) 441-4965

09/28/89

Capital Airport Springfield, Illinois 62707 (217) 522-0009

Organic Compounds, EPA Methods 608, 606, 610

Analytical Parameter	Result	Detection Limit	Units
** 890612, Spot			
* Pesticides, Herbicides, PCB's			
Aldrin	ND	<1	ug/kg
a-BHC	ND	<1	ug/kg
Atrazine	ND	<2	ug/kg
b-BHC	ND	<1	ug/kg
g-BHC (lindane)	ND	<1	ug/kg
Chlordane	ND	<10	ug/kg
4,4'-DDD	ND	<1	ug/kg
4,4'-DDE	ND	<1	ug/kg
4,4'-DDT	ND	<1	ug/kg
Diazinon	ND	<2	ug/kg
Dieldrin	ND	<1	ug/kg
Endrin	ND	<1	ug/kg
Ethyl parathion	ND	<2	ug/kg
Heptachlor	ND	<2	ug/kg
Heptachlor epoxide	ND	<1	ug/kg
Linuron	ND	<2	ug/kg
Malathion	ND	<2	ug/kg
Methyl parathion	ND	<2	ug/kg
Toxaphene	ND	<10	ug/kg
Trifluraline	ND	<2	ug/kg
PCB's (total)	170	<1	ug/kg
* Phthalates			
Butyl benzyl phthalate	ND	<1	ug/kg
Dis-n-octyl phthalate	ND	<1	ug/kg
Bis (2-ethylhexyl) phthalate	ND	<10	ug/kg
Di-n-butyl phthalate	ND	<1	ug/kg
Diethyl phthalate	ND	<1	ug/kg
Dimethyl phthalate	ND	<1	ug/kg
* Polynuclear Aromatic Hydrocarbons			
Benzo (b) fluoranthene	ND	<1	ug/kg
Acenaphthylene	ND	<1	ug/kg
Benzo (a) anthracene	ND	<1	ug/kg
Benzo (g,h,i) perylene	ND	<2	ug/kg
Chrysene	ND	<1	ug/kg
Fluoranthene	ND	<1	ug/kg
Indeno (1,2,3-cd) pyrene	ND	<2	ug/kg
Phenanthrene	ND	<1	ug/kg
Acenaphthene	ND	<1	ug/kg
Anthracene	ND	<1	ug/kg
Benzo (a) pyrene	ND	<1	ug/kg
Benzo (k) fluoranthene	ND	<2	ug/kg
Dibenzo (a,h) anthracene	ND	<2	ug/kg
Fluorene	ND	<1	ug/kg
Naphthalene	ND	<1	ug/kg
Benzo (ghi) perylene	ND	<1	ug/kg

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09/28/89

Capital Airport Springfield, Illinois 62707 (217) 522-0009

Organic Compounds, EPA Methods 608, 606, 610

Analytical Parameter	Result	Detection Limit	Units
** 890608, Spot			
* Pesticides, Herbicides, PCB's			
Aldrin	ND	<1	ug/kg
a-BHC	ND	<1	ug/kg
Atrazine	ND	<2	ug/kg
b-BHC	ND	<1	ug/kg
g-BHC (lindane)	ND	<1	ug/kg
Chlordane	ND	<10	ug/kg
4,4'-DDD	ND	<1	ug/kg
4,4'-DDE	ND	<1	ug/kg
4,4'-DDT	ND	<1	ug/kg
Diazinon	ND	<2	ug/kg
Dieldrin	ND	<1	ug/kg
Endrin	ND	<1	ug/kg
Ethyl parathion	ND	<2	ug/kg
Heptachlor	ND	<2	ug/kg
Heptachlor epoxide	ND	<1	ug/kg
Linuron	ND	<2	ug/kg
Malathion	ND	<2	ug/kg
Methyl parathion	ND	<2	ug/kg
Toxaphene	ND	<10	ug/kg
Trifluraline	ND	<2	ug/kg
PCB's (total)	190	<1	ug/kg
* Phthalates			
Butyl benzyl phthalate	ND	<1	ug/kg
Dis-n-octyl phthalate	ND	<1	ug/kg
Bis (2-ethylhexyl) phthalate	ND	<10	ug/kg
Di-n-butyl phthalate	ND	<1	ug/kg
Diethyl phthalate	ND	<1	ug/kg
Dimethyl phthalate	ND	<1	ug/kg
* Polynuclear Aromatic Hydrocarbons			
Benzo (b) fluoranthene	ND	<1	ug/kg
Acenaphthylene	ND	<1	ug/kg
Benzo (a) anthracene	ND	<1	ug/kg
Benzo (g,h,i) perylene	ND	<2	ug/kg
Chrysene	ND	<1	ug/kg
Fluoranthene	ND	<1	ug/kg
Indeno (1,2,3-cd) pyrene	ND	<2	ug/kg
Phenanthrene	ND	<1	ug/kg
Acenaphthene	ND	<1	ug/kg
Anthracene	ND	<1	ug/kg
Benzo (a) pyrene	ND	<1	ug/kg
Benzo (k) fluoranthene	ND	<2	ug/kg
Dibenzo (a,h) anthracene	ND	<2	ug/kg
Fluorene	ND	<1	ug/kg
Naphthalene	ND	<1	ug/kg
Pyrene	ND	<1	ug/kg

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Capital Airport Springfield, Illinois 62707 (217) 522-0009

Organic Compounds, EPA Methods 608, 606, 610

Analytical Parameter	Result	Detection Limit	Units
** 890613, Spot			
* Pesticides, Herbicides, PCB's			
Aldrin	ND	<1	ug/kg
a-BHC	ND	<1	ug/kg
Atrazine	ND	<2	ug/kg
b-BHC	ND	<1	ug/kg
g-BHC (lindane)	ND	<1	ug/kg
Chlordane	ND	<10	ug/kg
4,4'-DDD	ND	<1	ug/kg
4,4'-DDE	ND	<1	ug/kg
4,4'-DDT	ND	<1	ug/kg
Diazinon	ND	<2	ug/kg
Dieldrin	ND	<1	ug/kg
Endrin	ND	<1	ug/kg
Ethyl parathion	ND	<2	ug/kg
Heptachlor	ND	<2	ug/kg
Heptachlor epoxide	ND	<1	ug/kg
Linuron	ND	<2	ug/kg
Malathion	ND	<2	ug/kg
Methyl parathion	ND	<2	ug/kg
Toxaphene	ND	<10	ug/kg
Trifluraline	ND	<2	ug/kg
PCB's (total)	600	<1	ug/kg
* Phthalates			
Butyl benzyl phthalate	ND	<1	ug/kg
Dis-n-octyl phthalate	ND	<1	ug/kg
Bis (2-ethylhexyl) phthalate	ND	<10	ug/kg
Di-n-butyl phthalate	ND	<1	ug/kg
Diethyl phthalate	ND	<1	ug/kg
Dimethyl phthalate	ND	<1	ug/kg
* Polynuclear Aromatic Hydrocarbons			
Benzo (b) fluoranthene	ND	<1	ug/kg
Acenaphthylene	ND	<1	ug/kg
Benzo (a) anthracene	ND	<1	ug/kg
Benzo (g,h,i) perylene	ND	<2	ug/kg
Chrysene	ND	<1	ug/kg
Fluoranthene	ND	<1	ug/kg
Indeno (1,2,3-cd) pyrene	ND	<2	ug/kg
Phenanthrene	ND	<1	ug/kg
Acenaphthene	ND	<1	ug/kg
Anthracene	ND	<1	ug/kg
Benzo (a) pyrene	ND	<1	ug/kg
Benzo (k) fluoranthene	ND	<2	ug/kg
Dibenzo (a,h) anthracene	ND	<2	ug/kg
Fluorene	ND	<1	ug/kg
Naphthalene	ND	<1	ug/kg
Phenanthrene	ND	<1	ug/kg



Martel Laboratory Services, Inc.      1025 Cromwell Bridge Road      Baltimore, Maryland 21204      (301) 825-7790

Invoice Number      01520

Sample      W-2425

Samples received by Martel Laboratory Services.  
P.O. Number 88-03-1  
Project 32-1695 Exterior Monitoring

Maryland Environmental Service  
2020 Industrial Drive  
Annapolis, Maryland 21401  
Attention: Ms. Cece Donovan

May 17, 1989

Client Identification: MES

Log Identification: W-2425  
Date Received: 04/12/89

Sample Id: 890209

Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached

Sample Id: 890210

Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached

Sample Id: 890211

Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached

Sample Id: 890212

Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached

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Sample Id: 890213

Base/Neutral Extractables  
Pesticides/PCB's

EPA 8270  
EPA 8080

see  
see

attached  
attached

Sample Id: 890214

Base/Neutral Extractables  
Pesticides/PCB's

EPA 8270  
EPA 8080

see  
see

attached  
attached

Sample Id: 890215

Base/Neutral Extractables  
Pesticides/PCB's

EPA 8270  
EPA 8080

see  
see

attached  
attached

Sample Id: 890216

Base/Neutral Extractables  
Pesticides/PCB's

EPA 8270  
EPA 8080

see  
see

attached  
attached

Sample Id: 890217

Base/Neutral Extractables  
Pesticides/PCB's

EPA 8270  
EPA 8080

see  
see

attached  
attached

Sample Id: 890218

Base/Neutral Extractables  
Pesticides/PCB's

EPA 8270  
EPA 8080

see  
see

attached  
attached

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Sample Id: 890219

Chromium (total)	EPA 218.1	<2	ppm
Iron (total)	EPA 236.1	203	ppm
Manganese	EPA 243.1	35	ppm
Copper (total)	EPA 220.1	3	ppm
Nickel (total)	EPA 249.1	20	ppm
Zinc (total)	EPA 289.1	19	ppm
Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached

Sample Id: 890220

Chromium (total)	EPA 218.1	3	ppm
Iron (total)	EPA 236.1	630	ppm
Manganese	EPA 243.1	165	ppm
Copper (total)	EPA 220.1	9	ppm
Nickel (total)	EPA 249.1	9	ppm
Zinc (total)	EPA 289.1	50	ppm
Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached

Sample Id: 890221

Chromium (total)	EPA 218.1	<6	ppm
Iron (total)	EPA 236.1	250	ppm
Manganese	EPA 243.1	180	ppm
Copper (total)	EPA 220.1	20	ppm
Nickel (total)	EPA 249.1	<6	ppm
Zinc (total)	EPA 289.1	85	ppm
Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached

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Sample Id: 890222

Chromium (total)	EPA 218.1	<2	ppm
Iron (total)	EPA 236.1	73	ppm
Manganese	EPA 243.1	6	ppm
Copper (total)	EPA 220.1	<2	ppm
Nickel (total)	EPA 249.1	17	ppm
Zinc (total)	EPA 289.1	13	ppm
Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached

Sample Id: 890223

Chromium (total)	EPA 218.1	<5	ppm
Iron (total)	EPA 236.1	315	ppm
Manganese	EPA 243.1	100	ppm
Copper (total)	EPA 220.1	20	ppm
Nickel (total)	EPA 249.1	<5	ppm
Zinc (total)	EPA 289.1	50	ppm
Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached

Sample Id: 890224

Chromium (total)	EPA 218.1	<20	ppm
Iron (total)	EPA 236.1	240	ppm
Manganese	EPA 243.1	120	ppm
Copper (total)	EPA 220.1	<20	ppm
Nickel (total)	EPA 249.1	<20	ppm
Zinc (total)	EPA 289.1	60	ppm
Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached

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Sample Id: 890225

Chromium (total)	EPA 218.1	7	ppm
Iron (total)	EPA 236.1	320	ppm
Manganese	EPA 243.1	70	ppm
Copper (total)	EPA 220.1	6	ppm
Nickel (total)	EPA 249.1	<2	ppm
Zinc (total)	EPA 289.1	5	ppm
Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached

Sample Id: 890226

Chromium (total)	EPA 218.1	<60	ppm
Iron (total)	EPA 236.1	870	ppm
Manganese	EPA 243.1	<60	ppm
Copper (total)	EPA 220.1	<60	ppm
Nickel (total)	EPA 249.1	<60	ppm
Zinc (total)	EPA 289.1	70	ppm
Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached

Sample Id: 890227

Chromium (total)	EPA 218.1	<2	ppm
Iron (total)	EPA 236.1	27	ppm
Manganese	EPA 243.1	<2	ppm
Copper (total)	EPA 220.1	<2	ppm
Nickel (total)	EPA 249.1	5	ppm
Zinc (total)	EPA 289.1	14	ppm
Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached

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Sample Id: 890228

Chromium (total)	EPA 218.1	<2	ppm
Iron (total)	EPA 236.1	57	ppm
Manganese	EPA 243.1	18	ppm
Copper (total)	EPA 220.1	<2	ppm
Nickel (total)	EPA 249.1	12	ppm
Zinc (total)	EPA 289.1	14	ppm
Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached

Sample Id: 890229

Chromium (total)	EPA 218.1	9	ppm
Iron (total)	EPA 236.1	12300	ppm
Manganese	EPA 243.1	1020	ppm
Copper (total)	EPA 220.1	940	ppm
Nickel (total)	EPA 249.1	1830	ppm
Zinc (total)	EPA 289.1	67	ppm
Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached

Sample Id: 890230

Chromium (total)	EPA 218.1	<2	ppm
Iron (total)	EPA 236.1	159	ppm
Manganese	EPA 243.1	35	ppm
Copper (total)	EPA 220.1	<2	ppm
Nickel (total)	EPA 249.1	9	ppm
Zinc (total)	EPA 289.1	20	ppm
Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached

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Sample Id: 890231

Chromium (total)	EPA 218.1	<2	ppm
Iron (total)	EPA 236.1	84	ppm
Manganese	EPA 243.1	13	ppm
Copper (total)	EPA 220.1	<2	ppm
Nickel (total)	EPA 249.1	<2	ppm
Zinc (total)	EPA 289.1	13	ppm
Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached

Sample Id: 890232

Chromium (total)	EPA 218.1	<2	ppm
Iron (total)	EPA 236.1	22	ppm
Manganese	EPA 243.1	4	ppm
Copper (total)	EPA 220.1	4	ppm
Nickel (total)	EPA 249.1	6	ppm
Zinc (total)	EPA 289.1	23	ppm
Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached

Sample Id: 890233

Chromium (total)	EPA 218.1	<2	ppm
Iron (total)	EPA 236.1	10	ppm
Manganese	EPA 243.1	13	ppm
Copper (total)	EPA 220.1	<2	ppm
Nickel (total)	EPA 249.1	<2	ppm
Zinc (total)	EPA 289.1	13	ppm
Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached

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Sample Id: 890234

Chromium (total)	EPA 218.1	<2	ppm
Iron (total)	EPA 236.1	14	ppm
Manganese	EPA 243.1	<2	ppm
Copper (total)	EPA 220.1	<2	ppm
Nickel (total)	EPA 249.1	<2	ppm
Zinc (total)	EPA 289.1	19	ppm
Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached

Sample Id: 890235

Chromium (total)	EPA 218.1	<2	ppm
Iron (total)	EPA 236.1	15	ppm
Manganese	EPA 243.1	4	ppm
Copper (total)	EPA 220.1	<2	ppm
Nickel (total)	EPA 249.1	<2	ppm
Zinc (total)	EPA 289.1	16	ppm
Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached

Sample Id: 890236

Chromium (total)	EPA 218.1	<2	ppm
Iron (total)	EPA 236.1	13	ppm
Manganese	EPA 243.1	5	ppm
Copper (total)	EPA 220.1	<2	ppm
Nickel (total)	EPA 249.1	<2	ppm
Zinc (total)	EPA 289.1	26	ppm
Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached



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Sample Id: 890237

Chromium (total)	EPA 218.1	<2	ppm
Iron (total)	EPA 236.1	12	ppm
Manganese	EPA 243.1	6	ppm
Copper (total)	EPA 220.1	>2	ppm
Nickel (total)	EPA 249.1	<2	ppm
Zinc (total)	EPA 289.1	33	ppm
Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached

Sample Id: 890238

Chromium (total)	EPA 218.1	<2	ppm
Iron (total)	EPA 236.1	12	ppm
Manganese	EPA 243.1	15	ppm
Copper (total)	EPA 220.1	<2	ppm
Nickel (total)	EPA 249.1	<2	ppm
Zinc (total)	EPA 289.1	26	ppm
Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached

Sample Id: 890239

Chromium (total)	EPA 218.1	<2	ppm
Iron (total)	EPA 236.1	11	ppm
Manganese	EPA 243.1	<2	ppm
Copper (total)	EPA 220.1	3	ppm
Nickel (total)	EPA 249.1	<2	ppm
Zinc (total)	EPA 289.1	14	ppm
Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached

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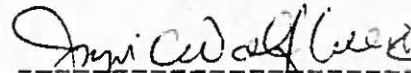
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All procedures followed were in accordance with EPA-600/4-79-020, "Methods for Chemical Analysis of Water and Wastes", or SW-846, "Test Methods for Evaluating Solid Waste", 1986.



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Joseph C. Wolfkill II  
Vice President

Martel Laboratory Services, Inc.

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Organic Compounds, EPA Methods 608, 606, 610

Analytical Parameter                      Result      Units

\*\* 890212 Sediment

\* Pesticides, Herbicides, PCB's

Aldrin	<1	ug/kg
a-BHC	<1	ug/kg
Atrazine	<2	ug/kg
b-BHC	<1	ug/kg
g-BHC (lindane)	<1	ug/kg
Chlordane	<10	ug/kg
4,4'-DDD	<1	ug/kg
4,4'-DDE	<1	ug/kg
4,4'-DDT	<1	ug/kg
Diazinon	<2	ug/kg
Dieldrin	<1	ug/kg
Endrin	<1	ug/kg
Ethyl parathion	<2	ug/kg
Heptachlor	<2	ug/kg
Heptachlor epoxide	<1	ug/kg
Linuron	<2	ug/kg
Malathion	<2	ug/kg
Methyl parathion	<2	ug/kg
Toxaphene	<10	ug/kg
Trifluraline	<2	ug/kg
PCB's (total)	<100	ug/kg

\* Phthalates

Butyl benzyl phthalate	<1	ug/kg
Dis-n-octyl phthalate	<1	ug/kg
Bis (2-ethylhexyl) phthalate	66	ug/kg
Di-n-butyl phthalate	<1	ug/kg
Diethyl phthalate	<1	ug/kg
Dimethyl phthalate	<1	ug/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	<1	ug/kg
Acenaphthylene	<1	ug/kg
Benzo (a) anthracene	<1	ug/kg
Benzo (g,h,i) perylene	<2	ug/kg
Chrysene	<1	ug/kg
Fluoranthene	<1	ug/kg
Indeno (1,2,3-cd) pyrene	<2	ug/kg
Phenanthrene	<1	ug/kg
Acenaphthene	<1	ug/kg
Anthracene	<1	ug/kg
Benzo (a) pyrene	<1	ug/kg
Benzo (k) fluoranthene	<2	ug/kg
Dibenzo (a,h) anthracene	<2	ug/kg
Fluorene	<1	ug/kg
Naphthalene	<1	ug/kg
Pyrene	<1	ug/kg

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Organic Compounds, EPA Methods 608, 606, 610

Analytical Parameter	Result	Units
<b>** 890213 Sediment</b>		
<b>* Pesticides, Herbicides, PCB's</b>		
Aldrin	<1	ug/kg
a-BHC	<1	ug/kg
Atrazine	<2	ug/kg
b-BHC	<1	ug/kg
g-BHC (lindane)	<1	ug/kg
Chlordane	<10	ug/kg
4,4'-DDD	<1	ug/kg
4,4'-DDE	<1	ug/kg
4,4'-DDT	<1	ug/kg
Diazinon	<2	ug/kg
Dieldrin	<1	ug/kg
Endrin	<1	ug/kg
Ethyl parathion	<2	ug/kg
Heptachlor	<2	ug/kg
Heptachlor epoxide	<1	ug/kg
Linuron	<2	ug/kg
Malathion	<2	ug/kg
Methyl parathion	<2	ug/kg
Toxaphene	<10	ug/kg
Trifluraline	<2	ug/kg
PCB's (total)	<100	ug/kg
<b>* Phthalates</b>		
Butyl benzyl phthalate	<1	ug/kg
Dis-n-octyl phthalate	<1	ug/kg
Bis (2-ethylhexyl) phthalate	<10	ug/kg
Di-n-butyl phthalate	<1	ug/kg
Diethyl phthalate	<1	ug/kg
Dimethyl phthalate	<1	ug/kg
<b>* Polynuclear Aromatic Hydrocarbons</b>		
Benzo (b) fluoranthene	<1	ug/kg
Acenaphthylene	<1	ug/kg
Benzo (a) anthracene	<1	ug/kg
Benzo (g,h,i) perylene	<2	ug/kg
Chrysene	<1	ug/kg
Fluoranthene	<1	ug/kg
Indeno (1,2,3-cd) pyrene	<2	ug/kg
Phenanthrene	<1	ug/kg
Acenaphthene	<1	ug/kg
Anthracene	<1	ug/kg
Benzo (a) pyrene	<1	ug/kg
Benzo (k) fluoranthene	<2	ug/kg
Dibenzo (a,h) anthracene	<2	ug/kg
Fluorene	<1	ug/kg
Naphthalene	<1	ug/kg
Pvrene	<1	ug/kg

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Organic Compounds, EPA Methods 608, 606, 610

Analytical Parameter	Result	Units
** 890214 Sediment		
* Pesticides, Herbicides, PCB's		
Aldrin	<1	ug/kg
a-BHC	<1	ug/kg
Atrazine	<2	ug/kg
b-BHC	<1	ug/kg
g-BHC (lindane)	<1	ug/kg
Chlordane	<10	ug/kg
4,4'-DDD	<1	ug/kg
4,4'-DDE	<1	ug/kg
4,4'-DDT	<1	ug/kg
Diazinon	<2	ug/kg
Dieldrin	<1	ug/kg
Endrin	<1	ug/kg
Ethyl parathion	<2	ug/kg
Heptachlor	<2	ug/kg
Heptachlor epoxide	<1	ug/kg
Linuron	<2	ug/kg
Malathion	<2	ug/kg
Methyl parathion	<2	ug/kg
Toxaphene	<10	ug/kg
Trifluraline	<2	ug/kg
PCB's (total)	<100	ug/kg
* Phthalates		
Butyl benzyl phthalate	<1	ug/kg
Dis-n-octyl phthalate	<1	ug/kg
Bis (2-ethylhexyl) phthalate	<10	ug/kg
Di-n-butyl phthalate	<1	ug/kg
Diethyl phthalate	<1	ug/kg
Dimethyl phthalate	<1	ug/kg
* Polynuclear Aromatic Hydrocarbons		
Benzo (b) fluoranthene	<1	ug/kg
Acenaphthylene	<1	ug/kg
Benzo (a) anthracene	<1	ug/kg
Benzo (g,h,i) perylene	<2	ug/kg
Chrysene	<1	ug/kg
Fluoranthene	<1	ug/kg
Indeno (1,2,3-cd) pyrene	<2	ug/kg
Phenanthrene	<1	ug/kg
Acenaphthene	<1	ug/kg
Anthracene	<1	ug/kg
Benzo (a) pyrene	<1	ug/kg
Benzo (k) fluoranthene	<2	ug/kg
Dibenzo (a,h) anthracene	<2	ug/kg
Fluorene	<1	ug/kg
Naphthalene	<1	ug/kg
Pyrene	<1	ug/kg

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Organic Compounds, EPA Methods 608, 606, 610

Analytical Parameter	Result	Units
** B90215 Sediment		
* Pesticides, Herbicides, PCB's		
Aldrin	<1	ug/kg
a-BHC	<1	ug/kg
Atrazine	<2	ug/kg
b-BHC	<1	ug/kg
g-BHC (lindane)	<1	ug/kg
Chlordane	<10	ug/kg
4,4'-DDD	<1	ug/kg
4,4'-DDE	<1	ug/kg
4,4'-DDT	<1	ug/kg
Diazinon	<2	ug/kg
Dieldrin	<1	ug/kg
Endrin	<1	ug/kg
Ethyl parathion	<2	ug/kg
Heptachlor	<2	ug/kg
Heptachlor epoxide	<1	ug/kg
Linuron	<2	ug/kg
Malathion	<2	ug/kg
Methyl parathion	<2	ug/kg
Toxaphene	<10	ug/kg
Trifluraline	<2	ug/kg
PCB's (total)	<100	ug/kg
* Phthalates		
Butyl benzyl phthalate	<1	ug/kg
Dis-n-octyl phthalate	<1	ug/kg
Bis (2-ethylhexyl) phthalate	<10	ug/kg
Di-n-butyl phthalate	<1	ug/kg
Diethyl phthalate	<1	ug/kg
Dimethyl phthalate	<1	ug/kg
* Polynuclear Aromatic Hydrocarbons		
Benzo (b) fluoranthene	<1	ug/kg
Acenaphthylene	<1	ug/kg
Benzo (a) anthracene	<1	ug/kg
Benzo (g,h,i) perylene	<2	ug/kg
Chrysene	<1	ug/kg
Fluoranthene	<1	ug/kg
Indeno (1,2,3-cd) pyrene	<2	ug/kg
Phenanthrene	<1	ug/kg
Acenaphthene	<1	ug/kg
Anthracene	<1	ug/kg
Benzo (a) pyrene	<1	ug/kg
Benzo (k) fluoranthene	<2	ug/kg
Dibenzo (a,h) anthracene	<2	ug/kg
Fluorene	<1	ug/kg
Naphthalene	<1	ug/kg
Pyrene	<1	ug/kg

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Organic Compounds, EPA Methods 608, 606, 610

Analytical Parameter	Result	Units
** 890216 Sediment		
* Pesticides, Herbicides, PCB's		
Aldrin	<1	ug/kg
a-BHC	<1	ug/kg
Atrazine	<2	ug/kg
b-BHC	<1	ug/kg
g-BHC (lindane)	<1	ug/kg
Chlordane	<10	ug/kg
4,4'-DDD	<1	ug/kg
4,4'-DDE	<1	ug/kg
4,4'-DDT	<1	ug/kg
Diazinon	<2	ug/kg
Dieldrin	<1	ug/kg
Endrin	<1	ug/kg
Ethyl parathion	<2	ug/kg
Heptachlor	<2	ug/kg
Heptachlor epoxide	<1	ug/kg
Linuron	<2	ug/kg
Malathion	<2	ug/kg
Methyl parathion	<2	ug/kg
Toxaphene	<10	ug/kg
Trifluraline	<2	ug/kg
PCB's (total)	<100	ug/kg
* Phthalates		
Butyl benzyl phthalate	<1	ug/kg
Dis-n-octyl phthalate	<1	ug/kg
Bis (2-ethylhexyl) phthalate	<10	ug/kg
Di-n-butyl phthalate	<1	ug/kg
Diethyl phthalate	<1	ug/kg
Dimethyl phthalate	<1	ug/kg
* Polynuclear Aromatic Hydrocarbons		
Benzo (b) fluoranthene	<1	ug/kg
Acenaphthylene	<1	ug/kg
Benzo (a) anthracene	<1	ug/kg
Benzo (g,h,i) perylene	<2	ug/kg
Chrysene	<1	ug/kg
Fluoranthene	<1	ug/kg
Indeno (1,2,3-cd) pyrene	<2	ug/kg
Phenanthrene	<1	ug/kg
Acenaphthene	<1	ug/kg
Anthracene	<1	ug/kg
Benzo (a) pyrene	<1	ug/kg
Benzo (k) fluoranthene	<2	ug/kg
Dibenzo (a,h) anthracene	<2	ug/kg
Fluorene	<1	ug/kg
Naphthalene	<1	ug/kg
Pyrene	<1	ug/kg

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Organic Compounds, EPA Methods 608, 606, 610

Analytical Parameter                      Result      Units

\*\* .890217 Sediment

\* Pesticides, Herbicides, PCB's

Aldrin	<1	ug/kg
a-BHC	<1	ug/kg
Atrazine	<2	ug/kg
b-BHC	<1	ug/kg
g-BHC (lindane)	<1	ug/kg
Chlordane	<10	ug/kg
4,4'-DDD	<1	ug/kg
4,4'-DDE	<1	ug/kg
4,4'-DDT	<1	ug/kg
Diazinon	<2	ug/kg
Dieldrin	<1	ug/kg
Endrin	<1	ug/kg
Ethyl parathion	<2	ug/kg
Heptachlor	<2	ug/kg
Heptachlor epoxide	<1	ug/kg
Linuron	<2	ug/kg
Malathion	<2	ug/kg
Methyl parathion	<2	ug/kg
Toxaphene	<10	ug/kg
Trifluraline	<2	ug/kg
PCB's (total)	<100	ug/kg

\* Phthalates

Butyl benzyl phthalate	<1	ug/kg
Dis-n-octyl phthalate	<1	ug/kg
Bis (2-ethylhexyl) phthalate	<10	ug/kg
Di-n-butyl phthalate	<1	ug/kg
Diethyl phthalate	<1	ug/kg
Dimethyl phthalate	<1	ug/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	<1	ug/kg
Acenaphthylene	<1	ug/kg
Benzo (a) anthracene	<1	ug/kg
Benzo (g,h,i) perylene	<2	ug/kg
Chrysene	<1	ug/kg
Fluoranthene	<1	ug/kg
Indeno (1,2,3-cd) pyrene	<2	ug/kg
Phenanthrene	<1	ug/kg
Acenaphthene	<1	ug/kg
Anthracene	<1	ug/kg
Benzo (a) pyrene	<1	ug/kg
Benzo (k) fluoranthene	<2	ug/kg
Dibenzo (a,h) anthracene	<2	ug/kg
Fluorene	<1	ug/kg
Naphthalene	<1	ug/kg
Pyrene	<1	ug/kg



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Analytical Parameter                      Result      Units

\*\* 890218 Sediment

\* Pesticides, Herbicides, PCB's

Aldrin	<1	ug/kg
a-BHC	<1	ug/kg
Atrazine	<2	ug/kg
b-BHC	<1	ug/kg
g-BHC (lindane)	<1	ug/kg
Chlordane	<10	ug/kg
4,4'-DDD	<1	ug/kg
4,4'-DDE	<1	ug/kg
4,4'-DDT	<1	ug/kg
Diazinon	<2	ug/kg
Dieldrin	<1	ug/kg
Endrin	<1	ug/kg
Ethyl parathion	<2	ug/kg
Heptachlor	<2	ug/kg
Heptachlor epoxide	<1	ug/kg
Linuron	<2	ug/kg
Malathion	<2	ug/kg
Methyl parathion	<2	ug/kg
Toxaphene	<10	ug/kg
Trifluraline	<2	ug/kg
PCB's (total)	<100	ug/kg

\* Phthalates

Butyl benzyl phthalate	<1	ug/kg
Dis-n-octyl phthalate	<1	ug/kg
Bis (2-ethylhexyl) phthalate	<10	ug/kg
Di-n-butyl phthalate	<1	ug/kg
Diethyl phthalate	<1	ug/kg
Dimethyl phthalate	<1	ug/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	<1	ug/kg
Acenaphthylene	<1	ug/kg
Benzo (a) anthracene	<1	ug/kg
Benzo (g,h,i) perylene	<2	ug/kg
Chrysene	<1	ug/kg
Fluoranthene	<1	ug/kg
Indeno (1,2,3-cd) pyrene	<2	ug/kg
Phenanthrene	<1	ug/kg
Acenaphthene	<1	ug/kg
Anthracene	<1	ug/kg
Benzo (a) pyrene	<1	ug/kg
Benzo (k) fluoranthene	<2	ug/kg
Dibenzo (a,h) anthracene	<2	ug/kg
Fluorene	<1	ug/kg
Naphthalene	<1	ug/kg
Pyrene	<1	ug/kg

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Organic Compounds, EPA Methods 608, 606, 610

Analytical Parameter	Result	Units
<b>** B90211 Sediment</b>		
<b>* Pesticides, Herbicides, PCB's</b>		
Aldrin	<10	ug/kg
a-BHC	<10	ug/kg
Atrazine	<20	ug/kg
b-BHC	<10	ug/kg
g-BHC (lindane)	<10	ug/kg
Chlordane	<100	ug/kg
4,4'-DDD	<10	ug/kg
4,4'-DDE	<10	ug/kg
4,4'-DDT	<10	ug/kg
Diazinon	<20	ug/kg
Dieldrin	<10	ug/kg
Endrin	<10	ug/kg
Ethyl parathion	<20	ug/kg
Heptachlor	<20	ug/kg
Heptachlor epoxide	<10	ug/kg
Linuron	<20	ug/kg
Malathion	<20	ug/kg
Methyl parathion	<20	ug/kg
Toxaphene	<100	ug/kg
Trifluraline	<20	ug/kg
PCB's (total)	<100	ug/kg
<b>* Phthalates</b>		
Butyl benzyl phthalate	<1	ug/kg
Dis-n-octyl phthalate	<1	ug/kg
Bis (2-ethylhexyl) phthalate	<10	ug/kg
Di-n-butyl phthalate	<1	ug/kg
Diethyl phthalate	<1	ug/kg
Dimethyl phthalate	<1	ug/kg
<b>* Polynuclear Aromatic Hydrocarbons</b>		
Benzo (b) fluoranthene	<1	ug/kg
Acenaphthylene	<1	ug/kg
Benzo (a) anthracene	<1	ug/kg
Benzo (g,h,i) perylene	<2	ug/kg
Chrysene	<1	ug/kg
Fluoranthene	<1	ug/kg
Indeno (1,2,3-cd) pyrene	<2	ug/kg
Phenanthrene	<1	ug/kg
Acenaphthene	<1	ug/kg
Anthracene	<1	ug/kg
Benzo (a) pyrene	<1	ug/kg
Benzo (k) fluoranthene	<2	ug/kg
Dibenzo (a,h) anthracene	<2	ug/kg
Fluorene	<1	ug/kg
Naphthalene	<1	ug/kg
Pvrene	<1	ug/kg

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Organic Compounds, EPA Methods 608, 606, 610

Analytical Parameter                      Result      Units

\*\* 890210 Sediment

\* Pesticides, Herbicides, PCB's

Aldrin	<10	ug/kg
a-BHC	<10	ug/kg
Atrazine	<20	ug/kg
b-BHC	<10	ug/kg
g-BHC (lindane)	<10	ug/kg
Chlordane	<100	ug/kg
4,4'-DDD	<10	ug/kg
4,4'-DDE	<10	ug/kg
4,4'-DDT	<10	ug/kg
Diazinon	<20	ug/kg
Dieldrin	<10	ug/kg
Endrin	<10	ug/kg
Ethyl parathion	<20	ug/kg
Heptachlor	<20	ug/kg
Heptachlor epoxide	<10	ug/kg
Linuron	<20	ug/kg
Malathion	<20	ug/kg
Methyl parathion	<20	ug/kg
Toxaphene	<100	ug/kg
Trifluraline	<20	ug/kg
PCB's (total)	<100	ug/kg

\* Phthalates

Butyl benzyl phthalate	<1	ug/kg
Dis-n-octyl phthalate	<1	ug/kg
Bis (2-ethylhexyl) phthalate	<10	ug/kg
Di-n-butyl phthalate	<1	ug/kg
Diethyl phthalate	<1	ug/kg
Dimethyl phthalate	<1	ug/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	<1	ug/kg
Acenaphthylene	<1	ug/kg
Benzo (a) anthracene	<1	ug/kg
Benzo (g,h,i) perylene	<2	ug/kg
Chrysene	<1	ug/kg
Fluoranthene	<1	ug/kg
Indeno (1,2,3-cd) pyrene	<2	ug/kg
Phenanthrene	<1	ug/kg
Acenaphthene	<1	ug/kg
Anthracene	<1	ug/kg
Benzo (a) pyrene	<1	ug/kg
Benzo (k) fluoranthene	<2	ug/kg
Dibenzo (a,h) anthracene	<2	ug/kg
Fluorene	<1	ug/kg
Naphthalene	<1	ug/kg
Pyrene	<1	ug/kg

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Analytical Parameter	Result	Units
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## \*\* 890209 Sediment

## \* Pesticides, Herbicides, PCB's

Aldrin	<10	ug/kg
a-BHC	<10	ug/kg
Atrazine	<20	ug/kg
b-BHC	<10	ug/kg
g-BHC (lindane)	<10	ug/kg
Chlordane	<100	ug/kg
4,4'-DDD	<10	ug/kg
4,4'-DDE	<10	ug/kg
4,4'-DDT	<10	ug/kg
Diazinon	<20	ug/kg
Dieldrin	<10	ug/kg
Endrin	<10	ug/kg
Ethyl parathion	<20	ug/kg
Heptachlor	<20	ug/kg
Heptachlor epoxide	<10	ug/kg
Linuron	<20	ug/kg
Malathion	<20	ug/kg
Methyl parathion	<20	ug/kg
Toxaphene	<100	ug/kg
Trifluraline	<20	ug/kg
PCB's (total)	<100	ug/kg

## \* Phthalates

Butyl benzyl phthalate	<1	ug/kg
Dis-n-octyl phthalate	<1	ug/kg
Bis (2-ethylhexyl) phthalate	<10	ug/kg
Di-n-butyl phthalate	<1	ug/kg
Diethyl phthalate	<1	ug/kg
Dimethyl phthalate	<1	ug/kg

## \* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	<1	ug/kg
Acenaphthylene	<1	ug/kg
Benzo (a) anthracene	<1	ug/kg
Benzo (g,h,i) perylene	<2	ug/kg
Chrysene	<1	ug/kg
Fluoranthene	<1	ug/kg
Indeno (1,2,3-cd) pyrene	<2	ug/kg
Phenanthrene	<1	ug/kg
Acenaphthene	<1	ug/kg
Anthracene	<1	ug/kg
Benzo (a) pyrene	<1	ug/kg
Benzo (k) fluoranthene	<2	ug/kg
Dibenzo (a,h) anthracene	<2	ug/kg
Fluorene	<1	ug/kg
Naphthalene	<1	ug/kg
Pyrene	<1	ug/kg

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Analytical Parameter	Result	Units
** 890229 Rangia (L)		
* Pesticides, Herbicides, PCB's		
Aldrin	<1	ug/kg
a-BHC	<1	ug/kg
Atrazine	<2	ug/kg
b-BHC	<1	ug/kg
g-BHC (lindane)	<1	ug/kg
Chlordane	<10	ug/kg
4,4'-DDD	<1	ug/kg
4,4'-DDE	<1	ug/kg
4,4'-DDT	<1	ug/kg
Diazinon	<2	ug/kg
Dieldrin	<1	ug/kg
Endrin	<1	ug/kg
Ethyl parathion	<2	ug/kg
Heptachlor	<2	ug/kg
Heptachlor epoxide	<1	ug/kg
Linuron	<2	ug/kg
Malathion	<2	ug/kg
Methyl parathion	<2	ug/kg
Toxaphene	<10	ug/kg
Trifluraline	<2	ug/kg
PCB's (total)	<100	ug/kg
* Phthalates		
Butyl benzyl phthalate	<1	ug/kg
Dis-n-octyl phthalate	<1	ug/kg
Bis (2-ethylhexyl) phthalate	<10	ug/kg
Di-n-butyl phthalate	<1	ug/kg
Diethyl phthalate	<1	ug/kg
Dimethyl phthalate	<1	ug/kg
* Polynuclear Aromatic Hydrocarbons		
Benzo (b) fluoranthene	<1	ug/kg
Acenaphthylene	<1	ug/kg
Benzo (a) anthracene	<1	ug/kg
Benzo (g,h,i) perylene	<2	ug/kg
Chrysene	<1	ug/kg
Fluoranthene	<1	ug/kg
Indeno (1,2,3-cd) pyrene	<2	ug/kg
Phenanthrene	<1	ug/kg
Acenaphthene	<1	ug/kg
Anthracene	<1	ug/kg
Benzo (a) pyrene	<1	ug/kg
Benzo (k) fluoranthene	<2	ug/kg
Dibenzo (a,h) anthracene	<2	ug/kg
Fluorene	<1	ug/kg
Naphthalene	<1	ug/kg
Pyrene	<1	ug/kg

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Analytical Parameter	Result	Units
** 890222 Rangia	<i>See page 422</i>	
* Pesticides, Herbicides, PCB's		
Aldrin	<2	ug/kg
a-BHC	<2	ug/kg
Atrazine	<4	ug/kg
b-BHC	<2	ug/kg
g-BHC (lindane)	<2	ug/kg
Chlordane	<20	ug/kg
4,4'-DDD	<2	ug/kg
4,4'-DDE	<2	ug/kg
4,4'-DDT	<2	ug/kg
Diazinon	<4	ug/kg
Dieldrin	<2	ug/kg
Endrin	<2	ug/kg
Ethyl parathion	<4	ug/kg
Heptachlor	<4	ug/kg
Heptachlor epoxide	<20	ug/kg
Linuron	<4	ug/kg
Malathion	<4	ug/kg
Methyl parathion	<4	ug/kg
Toxaphene	<20	ug/kg
Trifluraline	<4	ug/kg
PCB's (total)	<200	ug/kg
* Phthalates		
Butyl benzyl phthalate	<2	ug/kg
Dis-n-octyl phthalate	<2	ug/kg
Bis (2-ethylhexyl) phthalate	<20	ug/kg
Di-n-butyl phthalate	<2	ug/kg
Diethyl phthalate	<2	ug/kg
Dimethyl phthalate	<2	ug/kg
* Polynuclear Aromatic Hydrocarbons		
Benzo (b) fluoranthene	<2	ug/kg
Acenaphthylene	<2	ug/kg
Benzo (a) anthracene	<2	ug/kg
Benzo (g,h,i) perylene	<4	ug/kg
Chrysene	<2	ug/kg
Fluoranthene	<2	ug/kg
Indeno (1,2,3-cd) pyrene	<4	ug/kg
Phenanthrene	<2	ug/kg
Acenaphthene	<2	ug/kg
Anthracene	<2	ug/kg
Benzo (a) pyrene	<2	ug/kg
Benzo (k) fluoranthene	<4	ug/kg
Dibenzo (a,h) anthracene	<4	ug/kg
Fluorene	<2	ug/kg
Naphthalene	<2	ug/kg
Pyrene	<2	ug/kg

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Analytical Parameter	Result	Units
** B90225 Rangia		
* Pesticides, Herbicides, PCB's		
Aldrin	<2	ug/kg
a-BHC	<2	ug/kg
Atrazine	<4	ug/kg
b-BHC	<2	ug/kg
g-BHC (lindane)	<2	ug/kg
Chlordane	<20	ug/kg
4,4'-DDD	<2	ug/kg
4,4'-DDE	<2	ug/kg
4,4'-DDT	<2	ug/kg
Diazinon	<4	ug/kg
Dieldrin	<2	ug/kg
Endrin	<2	ug/kg
Ethyl parathion	<4	ug/kg
Heptachlor	<4	ug/kg
Heptachlor epoxide	<2	ug/kg
Linuron	<4	ug/kg
Malathion	<4	ug/kg
Methyl parathion	<4	ug/kg
Toxaphene	<20	ug/kg
Trifluraline	<4	ug/kg
PCB's (total)	<200	ug/kg
* Phthalates		
Butyl benzyl phthalate	<5	ug/kg
Dis-n-octyl phthalate	<5	ug/kg
Bis (2-ethylhexyl) phthalate	350	ug/kg
Di-n-butyl phthalate	<5	ug/kg
Diethyl phthalate	<5	ug/kg
Dimethyl phthalate	<5	ug/kg
* Polynuclear Aromatic Hydrocarbons		
Benzo (b) fluoranthene	<5	ug/kg
Acenaphthylene	<5	ug/kg
Benzo (a) anthracene	<5	ug/kg
Benzo (g,h,i) perylene	<10	ug/kg
Chrysene	<5	ug/kg
Fluoranthene	<5	ug/kg
Indeno (1,2,3-cd) pyrene	<10	ug/kg
Phenanthrene	<5	ug/kg
Acenaphthene	<5	ug/kg
Anthracene	<5	ug/kg
Benzo (a) pyrene	<5	ug/kg
Benzo (k) fluoranthene	<10	ug/kg
Dibenzo (a,h) anthracene	<10	ug/kg
Fluorene	<5	ug/kg
Naphthalene	<5	ug/kg
Pyrene	<5	ug/kg

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Analytical Parameter	Result	Units
** 890230 Rangia (S)		
* Pesticides, Herbicides, PCB's		
Aldrin	<1	ug/kg
a-BHC	<1	ug/kg
Atrazine	<2	ug/kg
b-BHC	<1	ug/kg
g-BHC (lindane)	<1	ug/kg
Chlordane	<10	ug/kg
4,4'-DDD	<1	ug/kg
4,4'-DDE	<1	ug/kg
4,4'-DDT	<1	ug/kg
Diazinon	<2	ug/kg
Dieldrin	<1	ug/kg
Endrin	<1	ug/kg
Ethyl parathion	<2	ug/kg
Heptachlor	<2	ug/kg
Heptachlor epoxide	<1	ug/kg
Linuron	<2	ug/kg
Malathion	<2	ug/kg
Methyl parathion	<2	ug/kg
Toxaphene	<10	ug/kg
Trifluraline	<2	ug/kg
PCB's (total)	<100	ug/kg
* Phthalates		
Butyl benzyl phthalate	<1	ug/kg
Dis-n-octyl phthalate	<1	ug/kg
Bis (2-ethylhexyl) phthalate	20000	ug/kg
Di-n-butyl phthalate	<1	ug/kg
Diethyl phthalate	<1	ug/kg
Dimethyl phthalate	<1	ug/kg
* Polynuclear Aromatic Hydrocarbons		
Benzo (b) fluoranthene	<1	ug/kg
Acenaphthylene	<1	ug/kg
Benzo (a) anthracene	<1	ug/kg
Benzo (g,h,i) perylene	<2	ug/kg
Chrysene	<1	ug/kg
Fluoranthene	<1	ug/kg
Indeno (1,2,3-cd) pyrene	<2	ug/kg
Phenanthrene	<1	ug/kg
Acenaphthene	<1	ug/kg
Anthracene	<1	ug/kg
Benzo (a) pyrene	<1	ug/kg
Benzo (k) fluoranthene	<2	ug/kg
Dibenzo (a,h) anthracene	<2	ug/kg
Fluorene	<1	ug/kg
Naphthalene	<1	ug/kg
Pyrene	<1	ug/kg



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Analytical Parameter	Result	Units
** B90228 Rangia		
* Pesticides, Herbicides, PCB's		
Aldrin	<1	ug/kg
a-BHC	<1	ug/kg
Atrazine	<2	ug/kg
b-BHC	<1	ug/kg
g-BHC (lindane)	<1	ug/kg
Chlordane	<10	ug/kg
4,4'-DDD	<1	ug/kg
4,4'-DDE	<1	ug/kg
4,4'-DDT	<1	ug/kg
Diazinon	<2	ug/kg
Dieldrin	<1	ug/kg
Endrin	<1	ug/kg
Ethyl parathion	<2	ug/kg
Heptachlor	<2	ug/kg
Heptachlor epoxide	<1	ug/kg
Linuron	<2	ug/kg
Malathion	<2	ug/kg
Methyl parathion	<2	ug/kg
Toxaphene	<10	ug/kg
Trifluraline	<2	ug/kg
PCB's (total)	<100	ug/kg
* Phthalates		
Butyl benzyl phthalate	<1	ug/kg
Di-n-octyl phthalate	<1	ug/kg
Bis (2-ethylhexyl) phthalate	<10	ug/kg
Di-n-butyl phthalate	<1	ug/kg
Diethyl phthalate	<1	ug/kg
Dimethyl phthalate	<1	ug/kg
* Polynuclear Aromatic Hydrocarbons		
Benzo (b) fluoranthene	<1	ug/kg
Acenaphthylene	<1	ug/kg
Benzo (a) anthracene	<1	ug/kg
Benzo (g,h,i) perylene	<2	ug/kg
Chrysene	<1	ug/kg
Fluoranthene	<1	ug/kg
Indeno (1,2,3-cd) pyrene	<2	ug/kg
Phenanthrene	<1	ug/kg
Acenaphthene	<1	ug/kg
Anthracene	<1	ug/kg
Benzo (a) pyrene	<1	ug/kg
Benzo (k) fluoranthene	<2	ug/kg
Dibenzo (a,h) anthracene	<2	ug/kg
Fluorene	<1	ug/kg
Naphthalene	<1	ug/kg
Pyrene	<1	ug/kg

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Analytical Parameter	Result	Units
** 890227 Rangia		
* Pesticides, Herbicides, PCB's		
Aldrin	<1	ug/kg
a-BHC	<1	ug/kg
Atrazine	<2	ug/kg
b-BHC	<1	ug/kg
g-BHC (lindane)	<1	ug/kg
Chlordane	<10	ug/kg
4,4'-DDD	<1	ug/kg
4,4'-DDE	<1	ug/kg
4,4'-DDT	<1	ug/kg
Diazinon	<2	ug/kg
Dieldrin	<1	ug/kg
Endrin	<1	ug/kg
Ethyl parathion	<2	ug/kg
Heptachlor	<2	ug/kg
Heptachlor epoxide	<1	ug/kg
Linuron	<2	ug/kg
Malathion	<2	ug/kg
Methyl parathion	<2	ug/kg
Toxaphene	<10	ug/kg
Trifluraline	<2	ug/kg
PCB's (total)	<100	ug/kg
* Phthalates		
Butyl benzyl phthalate	<1	ug/kg
Dis-n-octyl phthalate	<1	ug/kg
Bis (2-ethylhexyl) phthalate	<10	ug/kg
Di-n-butyl phthalate	<1	ug/kg
Diethyl phthalate	<1	ug/kg
Dimethyl phthalate	<1	ug/kg
* Polynuclear Aromatic Hydrocarbons		
Benzo (b) fluoranthene	<1	ug/kg
Acenaphthylene	<1	ug/kg
Benzo (a) anthracene	<1	ug/kg
Benzo (g,h,i) perylene	<2	ug/kg
Chrysene	<1	ug/kg
Fluoranthene	<1	ug/kg
Indeno (1,2,3-cd) pyrene	<2	ug/kg
Phenanthrene	<1	ug/kg
Acenaphthene	<1	ug/kg
Anthracene	<1	ug/kg
Benzo (a) pyrene	<1	ug/kg
Benzo (k) fluoranthene	<2	ug/kg
Dibenzo (a,h) anthracene	<2	ug/kg
Fluorene	<1	ug/kg
Naphthalene	<1	ug/kg
Pyrene	<1	ug/kg

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Analytical Parameter	Result	Units
** 890219 Rangia		
* Pesticides, Herbicides, PCB's		
Aldrin	<1	ug/kg
a-BHC	<1	ug/kg
Atrazine	<2	ug/kg
b-BHC	<1	ug/kg
g-BHC (lindane)	<1	ug/kg
Chlordane	<10	ug/kg
4,4'-DDD	<1	ug/kg
4,4'-DDE	<1	ug/kg
4,4'-DDT	<1	ug/kg
Diazinon	<2	ug/kg
Dieldrin	<1	ug/kg
Endrin	<1	ug/kg
Ethyl parathion	<2	ug/kg
Heptachlor	<2	ug/kg
Heptachlor epoxide	<1	ug/kg
Linuron	<2	ug/kg
Malathion	<2	ug/kg
Methyl parathion	<2	ug/kg
Toxaphene	<10	ug/kg
Trifluraline	<2	ug/kg
PCB's (total)	<100	ug/kg
* Phthalates		
Butyl benzyl phthalate	<1	ug/kg
Dis-n-octyl phthalate	<1	ug/kg
Bis (2-ethylhexyl) phthalate	<10	ug/kg
Di-n-butyl phthalate	<1	ug/kg
Diethyl phthalate	<1	ug/kg
Dimethyl phthalate	<1	ug/kg
* Polynuclear Aromatic Hydrocarbons		
Benzo (b) fluoranthene	<1	ug/kg
Acenaphthylene	<1	ug/kg
Benzo (a) anthracene	<1	ug/kg
Benzo (g,h,i) perylene	<2	ug/kg
Chrysene	<1	ug/kg
Fluoranthene	<1	ug/kg
Indeno (1,2,3-cd) pyrene	<2	ug/kg
Phenanthrene	<1	ug/kg
Acenaphthene	<1	ug/kg
Anthracene	<1	ug/kg
Benzo (a) pyrene	<1	ug/kg
Benzo (k) fluoranthene	<2	ug/kg
Dibenzo (a,h) anthracene	<2	ug/kg
Fluorene	<1	ug/kg
Naphthalene	<1	ug/kg
Pyrene	<1	ug/kg

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Analytical Parameter	Result	Units
** 890223 Macoma		
* Pesticides, Herbicides, PCB's		
Aldrin	<1000	ug/kg
a-BHC	<1000	ug/kg
Atrazine	<2000	ug/kg
b-BHC	<1000	ug/kg
g-BHC (lindane)	<1000	ug/kg
Chlordane	<10000	ug/kg
4,4'-DDD	<1000	ug/kg
4,4'-DDE	<1000	ug/kg
4,4'-DDT	<1000	ug/kg
Diazinon	<2000	ug/kg
Dieldrin	<1000	ug/kg
Endrin	<1000	ug/kg
Ethyl parathion	<2000	ug/kg
Heptachlor	<2000	ug/kg
Heptachlor epoxide	<1000	ug/kg
Linuron	<2000	ug/kg
Malathion	<2000	ug/kg
Methyl parathion	<2000	ug/kg
Toxaphene	<10000	ug/kg
Trifluraline	<2000	ug/kg
PCB's (total)	<10000	ug/kg
* Phthalates		
Butyl benzyl phthalate	<1000	ug/kg
Dis-n-octyl phthalate	<1000	ug/kg
Bis (2-ethylhexyl) phthalate	<10000*	ug/kg
Di-n-butyl phthalate	<1000	ug/kg
Diethyl phthalate	<1000	ug/kg
Dimethyl phthalate	<1000	ug/kg
* Polynuclear Aromatic Hydrocarbons		
Benzo (b) fluoranthene	<1000	ug/kg
Acenaphthylene	<1000	ug/kg
Benzo (a) anthracene	<1000	ug/kg
Benzo (g,h,i) perylene	<2000	ug/kg
Chrysene	<1000	ug/kg
Fluoranthene	<1000	ug/kg
Indeno (1,2,3-cd) pyrene	<2000	ug/kg
Phenanthrene	<1000	ug/kg
Acenaphthene	<1000	ug/kg
Anthracene	<1000	ug/kg
Benzo (a) pyrene	<1000	ug/kg
Benzo (k) fluoranthene	<2000	ug/kg
Dibenzo (a,h) anthracene	<2000	ug/kg
Fluorene	<1000	ug/kg
Naphthalene	<1000	ug/kg
Pyrene	<1000	ug/kg

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Analytical Parameter	Result	Units
** 890220 Macoma		
* Pesticides, Herbicides, PCB's		
Aldrin	<100	ug/kg
a-BHC	<100	ug/kg
Atrazine	<200	ug/kg
b-BHC	<100	ug/kg
g-BHC (lindane)	<100	ug/kg
Chlordane	<1000	ug/kg
4,4'-DDD	<100	ug/kg
4,4'-DDE	<100	ug/kg
4,4'-DDT	<100	ug/kg
Diazinon	<200	ug/kg
Dieldrin	<100	ug/kg
Endrin	<100	ug/kg
Ethyl parathion	<200	ug/kg
Heptachlor	<200	ug/kg
Heptachlor epoxide	<100	ug/kg
Linuron	<200	ug/kg
Malathion	<200	ug/kg
Methyl parathion	<200	ug/kg
Toxaphene	<1000	ug/kg
Trifluraline	<200	ug/kg
PCB's (total)	<100	ug/kg
* Phthalates		
Butyl benzyl phthalate	<5	ug/kg
Dis-n-octyl phthalate	<5	ug/kg
Bis (2-ethylhexyl) phthalate	<50	ug/kg
Di-n-butyl phthalate	<5	ug/kg
Diethyl phthalate	<5	ug/kg
Dimethyl phthalate	<5	ug/kg
* Polynuclear Aromatic Hydrocarbons		
Benzo (b) fluoranthene	<5	ug/kg
Acenaphthylene	<5	ug/kg
Benzo (a) anthracene	<5	ug/kg
Benzo (g,h,i) perylene	<10	ug/kg
Chrysene	<5	ug/kg
Fluoranthene	<5	ug/kg
Indeno (1,2,3-cd) pyrene	<10	ug/kg
Phenanthrene	<5	ug/kg
Acenaphthene	<5	ug/kg
Anthracene	<5	ug/kg
Benzo (a) pyrene	<5	ug/kg
Benzo (k) fluoranthene	<10	ug/kg
Dibenzo (a,h) anthracene	<10	ug/kg
Fluorene	<5	ug/kg
Naphthalene	<5	ug/kg
Pyrene	<5	ug/kg

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Analytical Parameter	Result	Units
** 890221 Cyanthura		
* Pesticides, Herbicides, PCB's		
Aldrin	<200	ug/kg
a-BHC	<200	ug/kg
Atrazine	<400	ug/kg
b-BHC	<200	ug/kg
g-BHC (lindane)	<200	ug/kg
Chlordane	<2000	ug/kg
4,4'-DDD	<200	ug/kg
4,4'-DDE	<200	ug/kg
4,4'-DDT	<200	ug/kg
Diazinon	<400	ug/kg
Dieldrin	<200	ug/kg
Endrin	<200	ug/kg
Ethyl parathion	<400	ug/kg
Heptachlor	<400	ug/kg
Heptachlor epoxide	<200	ug/kg
Linuron	<400	ug/kg
Malathion	<400	ug/kg
Methyl parathion	<400	ug/kg
Toxaphene	<2000	ug/kg
Trifluraline	<400	ug/kg
PCB's (total)	<20000	ug/kg
* Phthalates		
Butyl benzyl phthalate	<100	ug/kg
Dis-n-octyl phthalate	<100	ug/kg
Bis (2-ethylhexyl) phthalate	<1000	ug/kg
Di-n-butyl phthalate	<100	ug/kg
Diethyl phthalate	<100	ug/kg
Dimethyl phthalate	<100	ug/kg
* Polynuclear Aromatic Hydrocarbons		
Benzo (b) fluoranthene	<100	ug/kg
Acenaphthylene	<100	ug/kg
Benzo (a) anthracene	<100	ug/kg
Benzo (g,h,i) perylene	<200	ug/kg
Chrysene	<100	ug/kg
Fluoranthene	<100	ug/kg
Indeno (1,2,3-cd) pyrene	<200	ug/kg
Phenanthrene	<100	ug/kg
Acenaphthene	<100	ug/kg
Anthracene	<100	ug/kg
Benzo (a) pyrene	<100	ug/kg
Benzo (k) fluoranthene	<200	ug/kg
Dibenzo (a,h) anthracene	<200	ug/kg
Fluorene	<100	ug/kg
Naphthalene	<100	ug/kg
Pyrene	<100	ug/kg

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Analytical Parameter	Result	Units
** 890224 Cyanthura		
* Pesticides, Herbicides, PCB's		
Aldrin	<1000	ug/kg
a-BHC	<1000	ug/kg
Atrazine	<2000	ug/kg
b-BHC	<1000	ug/kg
g-BHC (lindane)	<1000	ug/kg
Chlordane	<10000	ug/kg
4,4'-DDD	<1000	ug/kg
4,4'-DDE	<1000	ug/kg
4,4'-DDT	<1000	ug/kg
Diazinon	<2000	ug/kg
Dieldrin	<1000	ug/kg
Endrin	<1000	ug/kg
Ethyl parathion	<2000	ug/kg
Heptachlor	<2000	ug/kg
Heptachlor epoxide	<1000	ug/kg
Linuron	<2000	ug/kg
Malathion	<2000	ug/kg
Methyl parathion	<2000	ug/kg
Toxaphene	<10000	ug/kg
Trifluraline	<2000	ug/kg
PCB's (total)	<10000	ug/kg
* Phthalates		
Butyl benzyl phthalate	<100	ug/kg
Dis-n-octyl phthalate	<100	ug/kg
Bis (2-ethylhexyl) phthalate	<1000	ug/kg
Di-n-butyl phthalate	200	ug/kg
Diethyl phthalate	<100	ug/kg
Dimethyl phthalate	<100	ug/kg
* Polynuclear Aromatic Hydrocarbons		
Benzo (b) fluoranthene	<100	ug/kg
Acenaphthylene	<100	ug/kg
Benzo (a) anthracene	<100	ug/kg
Benzo (g,h,i) perylene	<200	ug/kg
Chrysene	<100	ug/kg
Fluoranthene	<100	ug/kg
Indeno (1,2,3-cd) pyrene	<200	ug/kg
Phenanthrene	<100	ug/kg
Acenaphthene	<100	ug/kg
Anthracene	<100	ug/kg
Benzo (a) pyrene	<100	ug/kg
Benzo (k) fluoranthene	<200	ug/kg
Dibenzo (a,h) anthracene	<200	ug/kg
Fluorene	<100	ug/kg
Naphthalene	<100	ug/kg
Pyrene	<100	ug/kg

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Analytical Parameter	Result	Units
** 890226 Leptochem		
* Pesticides, Herbicides, PCB's		
Aldrin	<1000	ug/kg
a-BHC	<1000	ug/kg
Atrazine	<2000	ug/kg
b-BHC	<1000	ug/kg
g-BHC (lindane)	<1000	ug/kg
Chlordane	<10000	ug/kg
4,4'-DDD	<1000	ug/kg
4,4'-DDE	<1000	ug/kg
4,4'-DDT	<1000	ug/kg
Diazinon	<2000	ug/kg
Dieldrin	<1000	ug/kg
Endrin	<1000	ug/kg
Ethyl parathion	<2000	ug/kg
Heptachlor	<2000	ug/kg
Heptachlor epoxide	<1000	ug/kg
Linuron	<2000	ug/kg
Malathion	<2000	ug/kg
Methyl parathion	<2000	ug/kg
Toxaphene	<10000	ug/kg
Trifluraline	<2000	ug/kg
PCB's (total)	<10000	ug/kg
* Phthalates		
Butyl benzyl phthalate	<1000	ug/kg
Dis-n-octyl phthalate	<1000	ug/kg
Bis (2-ethylhexyl) phthalate	<10000*	ug/kg
Di-n-butyl phthalate	<1000*	ug/kg
Diethyl phthalate	<1000	ug/kg
Dimethyl phthalate	<1000	ug/kg
* Polynuclear Aromatic Hydrocarbons		
Benzo (b) fluoranthene	<1000	ug/kg
Acenaphthylene	<1000	ug/kg
Benzo (a) anthracene	<1000	ug/kg
Benzo (g,h,i) perylene	<2000	ug/kg
Chrysene	<1000	ug/kg
Fluoranthene	<1000	ug/kg
Indeno (1,2,3-cd) pyrene	<2000	ug/kg
Phenanthrene	<1000	ug/kg
Acenaphthene	<1000	ug/kg
Anthracene	<1000	ug/kg
Benzo (a) pyrene	<1000	ug/kg
Benzo (k) fluoranthene	<2000	ug/kg
Dibenzo (a,h) anthracene	<2000	ug/kg
Fluorene	<1000	ug/kg
Naphthalene	<1000	ug/kg
Pyrene	<1000	ug/kg



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Analytical Parameter	Result	Units
** 890231 White Perch		
* Pesticides, Herbicides, PCB's		
Aldrin	<1	ug/kg
a-BHC	<1	ug/kg
Atrazine	<2	ug/kg
b-BHC	<1	ug/kg
g-BHC (lindane)	<1	ug/kg
Chlordane	300	ug/kg
4,4'-DDD	<1	ug/kg
4,4'-DDE	<1	ug/kg
4,4'-DDT	<1	ug/kg
Diazinon	<2	ug/kg
Dieldrin	<1	ug/kg
Endrin	<1	ug/kg
Ethyl parathion	<2	ug/kg
Heptachlor	<2	ug/kg
Heptachlor epoxide	<1	ug/kg
Linuron	<2	ug/kg
Malathion	<2	ug/kg
Methyl parathion	<2	ug/kg
Toxaphene	<10	ug/kg
Trifluraline	<2	ug/kg
PCB's (total)	750	ug/kg
* Phthalates		
Butyl benzyl phthalate	<1	ug/kg
Dis-n-octyl phthalate	<1	ug/kg
Bis (2-ethylhexyl) phthalate	<10	ug/kg
Di-n-butyl phthalate	300	ug/kg
Diethyl phthalate	<1	ug/kg
Dimethyl phthalate	<1	ug/kg
* Polynuclear Aromatic Hydrocarbons		
Benzo (b) fluoranthene	<1	ug/kg
Acenaphthylene	<1	ug/kg
Benzo (a) anthracene	<1	ug/kg
Benzo (g,h,i) perylene	<2	ug/kg
Chrysene	<1	ug/kg
Fluoranthene	<1	ug/kg
Indeno (1,2,3-cd) pyrene	<2	ug/kg
Phenanthrene	<1	ug/kg
Acenaphthene	<1	ug/kg
Anthracene	<1	ug/kg
Benzo (a) pyrene	<1	ug/kg
Benzo (k) fluoranthene	<2	ug/kg
Dibenzo (a,h) anthracene	<2	ug/kg
Fluorene	<1	ug/kg
Naphthalene	<1	ug/kg
Pyrene	<1	ug/kg

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Analytical Parameter	Result	Units
** 890234 White Perch		
* Pesticides, Herbicides, PCB's		
Aldrin	<1	ug/kg
a-BHC	<1	ug/kg
Atrazine	<2	ug/kg
b-BHC	<1	ug/kg
g-BHC (lindane)	<1	ug/kg
Chlordane	130	ug/kg
4,4'-DDD	<1	ug/kg
4,4'-DDE	<1	ug/kg
4,4'-DDT	<1	ug/kg
Diazinon	<2	ug/kg
Dieldrin	<1	ug/kg
Endrin	<1	ug/kg
Ethyl parathion	<2	ug/kg
Heptachlor	<2	ug/kg
Heptachlor epoxide	<1	ug/kg
Linuron	<2	ug/kg
Malathion	<2	ug/kg
Methyl parathion	<2	ug/kg
Toxaphene	<10	ug/kg
Trifluraline	<2	ug/kg
PCB's (total)	300	ug/kg
* Phthalates		
Butyl benzyl phthalate	<1	ug/kg
Dis-n-octyl phthalate	<1	ug/kg
Bis (2-ethylhexyl) phthalate	450	ug/kg
Di-n-butyl phthalate	200	ug/kg
Diethyl phthalate	<1	ug/kg
Dimethyl phthalate	<1	ug/kg
* Polynuclear Aromatic Hydrocarbons		
Benzo (b) fluoranthene	<1	ug/kg
Acenaphthylene	<1	ug/kg
Benzo (a) anthracene	<1	ug/kg
Benzo (g,h,i) perylene	<2	ug/kg
Chrysene	<1	ug/kg
Fluoranthene	<1	ug/kg
Indeno (1,2,3-cd) pyrene	<2	ug/kg
Phenanthrene	<1	ug/kg
Acenaphthene	<1	ug/kg
Anthracene	<1	ug/kg
Benzo (a) pyrene	<1	ug/kg
Benzo (k) fluoranthene	<2	ug/kg
Dibenzo (a,h) anthracene	<2	ug/kg
Fluorene	<1	ug/kg
Naphthalene	<1	ug/kg
Pyrene	<1	ug/kg

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Analytical Parameter	Result	Units
<b>** 890238 White Perch</b>		
<b>* Pesticides, Herbicides, PCB's</b>		
Aldrin	<1	ug/kg
a-BHC	<1	ug/kg
Atrazine	<2	ug/kg
b-BHC	<1	ug/kg
g-BHC (lindane)	<1	ug/kg
Chlordane	200	ug/kg
4,4'-DDD	<1	ug/kg
4,4'-DDE	<1	ug/kg
4,4'-DDT	<1	ug/kg
Diazinon	<2	ug/kg
Dieldrin	<1	ug/kg
Endrin	<1	ug/kg
Ethyl parathion	<2	ug/kg
Heptachlor	<2	ug/kg
Heptachlor epoxide	<1	ug/kg
Linuron	<2	ug/kg
Malathion	<2	ug/kg
Methyl parathion	<2	ug/kg
Toxaphene	<10	ug/kg
Trifluraline	<2	ug/kg
PCB's (total)	300	ug/kg
<b>* Phthalates</b>		
Butyl benzyl phthalate	<10	ug/kg
Dis-n-octyl phthalate	<10	ug/kg
Bis (2-ethylhexyl) phthalate	<100	ug/kg
Di-n-butyl phthalate	<10	ug/kg
Diethyl phthalate	<10	ug/kg
Dimethyl phthalate	<10	ug/kg
<b>* Polynuclear Aromatic Hydrocarbons</b>		
Benzo (b) fluoranthene	<10	ug/kg
Acenaphthylene	<10	ug/kg
Benzo (a) anthracene	<10	ug/kg
Benzo (g,h,i) perylene	<20	ug/kg
Chrysene	<10	ug/kg
Fluoranthene	<10	ug/kg
Indeno (1,2,3-cd) pyrene	<20	ug/kg
Phenanthrene	<10	ug/kg
Acenaphthene	<10	ug/kg
Anthracene	<10	ug/kg
Benzo (a) pyrene	<10	ug/kg
Benzo (k) fluoranthene	<20	ug/kg
Dibenzo (a,h) anthracene	<20	ug/kg
Fluorene	<10	ug/kg
Naphthalene	<10	ug/kg
Pyrene	<10	ug/kg

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Analytical Parameter	Result	Units
** 890236 White Perch		
* Pesticides, Herbicides, PCB's		
Aldrin	<1	ug/kg
a-BHC	<1	ug/kg
Atrazine	<2	ug/kg
b-BHC	<1	ug/kg
g-BHC (lindane)	<1	ug/kg
Chlordane	30	ug/kg
4,4'-DDD	<1	ug/kg
4,4'-DDE	<1	ug/kg
4,4'-DDT	<1	ug/kg
Diazinon	<2	ug/kg
Dieldrin	<1	ug/kg
Endrin	<1	ug/kg
Ethyl parathion	<2	ug/kg
Heptachlor	<2	ug/kg
Heptachlor epoxide	<1	ug/kg
Linuron	<2	ug/kg
Malathion	<2	ug/kg
Methyl parathion	<2	ug/kg
Toxaphene	<10	ug/kg
Trifluraline	<2	ug/kg
PCB's (total)	200	ug/kg
* Phthalates		
Butyl benzyl phthalate	<10	ug/kg
Dis-n-octyl phthalate	<10	ug/kg
Bis (2-ethylhexyl) phthalate	<100	ug/kg
Di-n-butyl phthalate	<10	ug/kg
Diethyl phthalate	<10	ug/kg
Dimethyl phthalate	<10	ug/kg
* Polynuclear Aromatic Hydrocarbons		
Benzo (b) fluoranthene	<10	ug/kg
Acenaphthylene	<10	ug/kg
Benzo (a) anthracene	<10	ug/kg
Benzo (g,h,i) perylene	<20	ug/kg
Chrysene	<10	ug/kg
Fluoranthene	<10	ug/kg
Indeno (1,2,3-cd) pyrene	<20	ug/kg
Phenanthrene	<10	ug/kg
Acenaphthene	<10	ug/kg
Anthracene	<10	ug/kg
Benzo (a) pyrene	<10	ug/kg
Benzo (k) fluoranthene	<20	ug/kg
Dibenzo (a,h) anthracene	<20	ug/kg
Fluorene	<10	ug/kg
Naphthalene	<10	ug/kg
Pyrene	<10	ug/kg

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Analytical Parameter	Result	Units
** 890235 White Perch		
* Pesticides, Herbicides, PCB's		
Aldrin	<1	ug/kg
a-BHC	<1	ug/kg
Atrazine	<2	ug/kg
b-BHC	<1	ug/kg
g-BHC (lindane)	<1	ug/kg
Chlordane	200	ug/kg
4,4'-DDD	<1	ug/kg
4,4'-DDE	<1	ug/kg
4,4'-DDT	<1	ug/kg
Diazinon	<2	ug/kg
Dieldrin	<1	ug/kg
Endrin	<1	ug/kg
Ethyl parathion	<2	ug/kg
Heptachlor	<2	ug/kg
Heptachlor epoxide	<1	ug/kg
Linuron	<2	ug/kg
Malathion	<2	ug/kg
Methyl parathion	<2	ug/kg
Toxaphene	<10	ug/kg
Trifluraline	<2	ug/kg
PCB's (total)	1000	ug/kg
* Phthalates		
Butyl benzyl phthalate	<1	ug/kg
Dis-n-octyl phthalate	<1	ug/kg
Bis (2-ethylhexyl) phthalate	<10	ug/kg
Di-n-butyl phthalate	<1	ug/kg
Diethyl phthalate	<1	ug/kg
Dimethyl phthalate	<1	ug/kg
* Polynuclear Aromatic Hydrocarbons		
Benzo (b) fluoranthene	<1	ug/kg
Acenaphthylene	<1	ug/kg
Benzo (a) anthracene	<1	ug/kg
Benzo (g,h,i) perylene	<2	ug/kg
Chrysene	<1	ug/kg
Fluoranthene	<1	ug/kg
Indeno (1,2,3-cd) pyrene	<2	ug/kg
Phenanthrene	<1	ug/kg
Acenaphthene	<1	ug/kg
Anthracene	<1	ug/kg
Benzo (a) pyrene	<1	ug/kg
Benzo (k) fluoranthene	<2	ug/kg
Dibenzo (a,h) anthracene	<2	ug/kg
Fluorene	<1	ug/kg
Naphthalene	<1	ug/kg
Pyrene	<1	ug/kg

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Organic Compounds, EPA Methods 608, 606, 610

Analytical Parameter	Result	Units
** 890237 White Perch		
* Pesticides, Herbicides, PCB's		
Aldrin	<1	ug/kg
a-BHC	<1	ug/kg
Atrazine	<2	ug/kg
b-BHC	<1	ug/kg
g-BHC (lindane)	<1	ug/kg
Chlordane	200	ug/kg
4,4'-DDD	<1	ug/kg
4,4'-DDE	<1	ug/kg
4,4'-DDT	<1	ug/kg
Diazinon	<2	ug/kg
Dieldrin	<1	ug/kg
Endrin	<1	ug/kg
Ethyl parathion	<2	ug/kg
Heptachlor	<2	ug/kg
Heptachlor epoxide	<1	ug/kg
Linuron	<2	ug/kg
Malathion	<2	ug/kg
Methyl parathion	<2	ug/kg
Toxaphene	<10	ug/kg
Trifluraline	<2	ug/kg
PCB's (total)	400	ug/kg
* Phthalates		
Butyl benzyl phthalate	<10	ug/kg
Dis-n-octyl phthalate	<10	ug/kg
Bis (2-ethylhexyl) phthalate	<100	ug/kg
Di-n-butyl phthalate	<10	ug/kg
Diethyl phthalate	<10	ug/kg
Dimethyl phthalate	<10	ug/kg
* Polynuclear Aromatic Hydrocarbons		
Benzo (b) fluoranthene	<10	ug/kg
Acenaphthylene	<10	ug/kg
Benzo (a) anthracene	<10	ug/kg
Benzo (g,h,i) perylene	<20	ug/kg
Chrysene	<10	ug/kg
Fluoranthene	<10	ug/kg
Indeno (1,2,3-cd) pyrene	<20	ug/kg
Phenanthrene	<10	ug/kg
Acenaphthene	<10	ug/kg
Anthracene	<10	ug/kg
Benzo (a) pyrene	<10	ug/kg
Benzo (k) fluoranthene	<20	ug/kg
Dibenzo (a,h) anthracene	<20	ug/kg
Fluorene	<10	ug/kg
Naphthalene	<10	ug/kg
Pyrene	<10	ug/kg

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Organic Compounds, EPA Methods 608, 606, 610

Analytical Parameter	Result	Units
** 890239 White Perch		
* Pesticides, Herbicides, PCB's		
Aldrin	<1	ug/kg
a-BHC	<1	ug/kg
Atrazine	<2	ug/kg
b-BHC	<1	ug/kg
g-BHC (lindane)	<1	ug/kg
Chlordane	200	ug/kg
4,4'-DDD	<1	ug/kg
4,4'-DDE	<1	ug/kg
4,4'-DDT	<1	ug/kg
Diazinon	<2	ug/kg
Dieldrin	<1	ug/kg
Endrin	<1	ug/kg
Ethyl parathion	<2	ug/kg
Heptachlor	<2	ug/kg
Heptachlor epoxide	<1	ug/kg
Linuron	<2	ug/kg
Malathion	<2	ug/kg
Methyl parathion	<2	ug/kg
Toxaphene	<10	ug/kg
Trifluraline	<2	ug/kg
PCB's (total)	1300	ug/kg
* Phthalates		
Butyl benzyl phthalate	<10	ug/kg
Dis-n-octyl phthalate	<10	ug/kg
Bis (2-ethylhexyl) phthalate	<100	ug/kg
Di-n-butyl phthalate	<10	ug/kg
Diethyl phthalate	<10	ug/kg
Dimethyl phthalate	<10	ug/kg
* Polynuclear Aromatic Hydrocarbons		
Benzo (b) fluoranthene	<10	ug/kg
Acenaphthylene	<10	ug/kg
Benzo (a) anthracene	<10	ug/kg
Benzo (g,h,i) perylene	<20	ug/kg
Chrysene	<10	ug/kg
Fluoranthene	<10	ug/kg
Indeno (1,2,3-cd) pyrene	<20	ug/kg
Phenanthrene	<10	ug/kg
Acenaphthene	<10	ug/kg
Anthracene	<10	ug/kg
Benzo (a) pyrene	<10	ug/kg
Benzo (k) fluoranthene	<20	ug/kg
Dibenzo (a,h) anthracene	<20	ug/kg
Fluorene	<10	ug/kg
Naphthalene	<10	ug/kg
Pyrene	<10	ug/kg

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Organic Compounds, EPA Methods 608, 606, 610

Analytical Parameter	Result	Units
** B90232 White Perch		
* Pesticides, Herbicides, PCB's		
Aldrin	<1	ug/kg
a-BHC	<1	ug/kg
Atrazine	<2	ug/kg
b-BHC	<1	ug/kg
g-BHC (lindane)	<1	ug/kg
Chlordane	300	ug/kg
4,4'-DDD	<1	ug/kg
4,4'-DDE	<1	ug/kg
4,4'-DDT	<1	ug/kg
Diazinon	<2	ug/kg
Dieldrin	<1	ug/kg
Endrin	<1	ug/kg
Ethyl parathion	<2	ug/kg
Heptachlor	<2	ug/kg
Heptachlor epoxide	<1	ug/kg
Linuron	<2	ug/kg
Malathion	<2	ug/kg
Methyl parathion	<2	ug/kg
Toxaphene	<10	ug/kg
Trifluraline	<2	ug/kg
PCB's (total)	800	ug/kg
* Phthalates		
Butyl benzyl phthalate	<1	ug/kg
Dis-n-octyl phthalate	<1	ug/kg
Bis (2-ethylhexyl) phthalate	4200	ug/kg
Di-n-butyl phthalate	<1	ug/kg
Diethyl phthalate	<1	ug/kg
Dimethyl phthalate	<1	ug/kg
* Polynuclear Aromatic Hydrocarbons		
Benzo (b) fluoranthene	<1	ug/kg
Acenaphthylene	<1	ug/kg
Benzo (a) anthracene	<1	ug/kg
Benzo (g,h,i) perylene	<2	ug/kg
Chrysene	<1	ug/kg
Fluoranthene	<1	ug/kg
Indeno (1,2,3-cd) pyrene	<2	ug/kg
Phenanthrene	<1	ug/kg
Acenaphthene	<1	ug/kg
Anthracene	<1	ug/kg
Benzo (a) pyrene	<1	ug/kg
Benzo (k) fluoranthene	<2	ug/kg
Dibenzo (a,h) anthracene	<2	ug/kg
Fluorene	<1	ug/kg
Naphthalene	<1	ug/kg
Pyrene	<1	ug/kg



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Organic Compounds, EPA Methods 608, 606, 610

Analytical Parameter	Result	Units
** 890233 Yellow Perch		
* Pesticides, Herbicides, PCB's		
Aldrin	<1	ug/kg
a-BHC	<1	ug/kg
Atrazine	<2	ug/kg
b-BHC	<1	ug/kg
g-BHC (lindane)	<1	ug/kg
Chlordane	<10	ug/kg
4,4'-DDD	<1	ug/kg
4,4'-DDE	<1	ug/kg
4,4'-DDT	<1	ug/kg
Diazinon	<2	ug/kg
Dieldrin	<1	ug/kg
Endrin	<1	ug/kg
Ethyl parathion	<2	ug/kg
Heptachlor	<2	ug/kg
Heptachlor epoxide	<1	ug/kg
Linuron	<2	ug/kg
Malathion	<2	ug/kg
Methyl parathion	<2	ug/kg
Toxaphene	<10	ug/kg
Trifluraline	<2	ug/kg
PCB's (total)	<100	ug/kg
* Phthalates		
Butyl benzyl phthalate	<1	ug/kg
Dis-n-octyl phthalate	<1	ug/kg
Bis (2-ethylhexyl) phthalate	900	ug/kg
Di-n-butyl phthalate	<1	ug/kg
Diethyl phthalate	<1	ug/kg
Dimethyl phthalate	<1	ug/kg
* Polynuclear Aromatic Hydrocarbons		
Benzo (b) fluoranthene	<1	ug/kg
Acenaphthylene	<1	ug/kg
Benzo (a) anthracene	<1	ug/kg
Benzo (g,h,i) perylene	<2	ug/kg
Chrysene	<1	ug/kg
Fluoranthene	<1	ug/kg
Indeno (1,2,3-cd) pyrene	<2	ug/kg
Phenanthrene	<1	ug/kg
Acenaphthene	<1	ug/kg
Anthracene	<1	ug/kg
Benzo (a) pyrene	<1	ug/kg
Benzo (k) fluoranthene	<2	ug/kg
Dibenzo (a,h) anthracene	<2	ug/kg
Fluorene	<1	ug/kg
Naphthalene	<1	ug/kg
Pyrene	<1	ug/kg

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Log Number	Test Code	Date Performed	Time Performed	Analyst Initials
** Sample Id 890209				
2425	PPBN	04/18/89	16:00	VJK
2425	PPPEST	04/18/89	16:00	JCE
** Sample Id 890210				
2425	PPBN	04/18/89	16:00	VJK
2425	PPPEST	04/18/89	16:00	JCE
** Sample Id 890211				
2425	PPBN	04/18/89	16:00	VJK
2425	PPPEST	04/18/89	16:00	JCE
** Sample Id 890212				
2425	PPBN	04/18/89	16:00	VJK
2425	PPPEST	04/18/89	16:00	JCE
** Sample Id 890213				
2425	PPBN	04/18/89	16:00	VJK
2425	PPPEST	04/18/89	16:00	JCE
** Sample Id 890214				
2425	PPBN	04/18/89	16:00	VJK
2425	PPPEST	04/18/89	16:00	JCE
** Sample Id 890215				
2425	PPBN	04/18/89	16:00	VJK
2425	PPPEST	04/18/89	16:00	JCE
** Sample Id 890216				
2425	PPBN	04/18/89	16:00	VJK
2425	PPPEST	04/18/89	16:00	JCE
** Sample Id 890217				
2425	PPBN	04/18/89	16:00	VJK
2425	PPPEST	04/18/89	16:00	JCE
** Sample Id 890218				
2425	PPBN	04/18/89	16:00	VJK
2425	PPPEST	04/18/89	16:00	JCE
** Sample Id 890219				
2425	CR	04/21/89	09:05	KWH
2425	FE	04/21/89	09:05	KWH

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Log Number	Test Code	Date Performed	Time Performed	Analyst Initials
2425	MN	04/21/89	09:05	KWH
2425	CU	04/21/89	09:05	KWH
2425	NI	04/21/89	09:05	KWH
2425	ZN	04/21/89	09:05	KWH
2425	PPBN	04/18/89	16:00	VJK
2425	PPPEST	04/18/89	16:00	JCE
** Sample Id 890220				
2425	CR	04/21/89	09:05	KWH
2425	FE	04/21/89	09:05	KWH
2425	MN	04/21/89	09:05	KWH
2425	CU	04/21/89	09:05	KWH
2425	NI	04/21/89	09:05	KWH
2425	ZN	04/21/89	09:05	KWH
2425	PPBN	04/18/89	16:00	VJK
2425	PPPEST	04/18/89	16:00	JCE
** Sample Id 890221				
2425	CR	04/21/89	09:05	KWH
2425	FE	04/21/89	09:05	KWH
2425	MN	04/21/89	09:05	KWH
2425	CU	04/21/89	09:05	KWH
2425	NI	04/21/89	09:05	KWH
2425	ZN	04/21/89	09:05	KWH
2425	PPBN	04/18/89	16:00	VJK
2425	PPPEST	04/18/89	16:00	JCE
** Sample Id 890222				
2425	CR	04/21/89	09:05	KWH
2425	FE	04/21/89	09:05	KWH
2425	MN	04/21/89	09:05	KWH
2425	CU	04/21/89	09:05	KWH
2425	NI	04/21/89	09:05	KWH
2425	ZN	04/21/89	09:05	KWH
2425	PPBN	04/18/89	16:00	VJK
2425	PPPEST	04/18/89	16:00	JCE
** Sample Id 890223				
2425	CR	04/21/89	09:05	KWH
2425	FE	04/21/89	09:05	KWH
2425	MN	04/21/89	09:05	KWH
2425	CU	04/21/89	09:05	KWH
2425	NI	04/21/89	09:05	KWH

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Log Number	Test Code	Date Performed	Time Performed	Analyst Initials
2425	ZN	04/21/89	09:05	KWH
2425	PPBN	04/19/89	16:00	VJK
2425	PPPEST	04/19/89	16:00	JCE
** Sample Id 890224				
2425	CR	04/21/89	09:05	KWH
2425	FE	04/21/89	09:05	KWH
2425	MN	04/21/89	09:05	KWH
2425	CU	04/21/89	09:05	KWH
2425	NI	04/21/89	09:05	KWH
2425	ZN	04/21/89	09:05	KWH
2425	PPBN	04/19/89	16:00	VJK
2425	PPPEST	04/19/89	16:00	JCE
** Sample Id 890225				
2425	CR	04/21/89	09:05	KWH
2425	FE	04/21/89	09:05	KWH
2425	MN	04/21/89	09:05	KWH
2425	CU	04/21/89	09:05	KWH
2425	NI	04/21/89	09:05	KWH
2425	ZN	04/21/89	09:05	KWH
2425	PPBN	04/19/89	16:00	VJK
2425	PPPEST	04/19/89	16:00	JCE
** Sample Id 890226				
2425	CR	04/21/89	09:05	KWH
2425	FE	04/21/89	09:05	KWH
2425	MN	04/21/89	09:05	KWH
2425	CU	04/21/89	09:05	KWH
2425	NI	04/21/89	09:05	KWH
2425	ZN	04/21/89	09:05	KWH
2425	PPBN	04/19/89	16:00	VJK
2425	PPPEST	04/19/89	16:00	JCE
** Sample Id 890227				
2425	CR	04/21/89	09:05	KWH
2425	FE	04/21/89	09:05	KWH
2425	MN	04/21/89	09:05	KWH
2425	CU	04/21/89	09:05	KWH
2425	NI	04/21/89	09:05	KWH
2425	ZN	04/21/89	09:05	KWH
2425	PPBN	04/19/89	16:00	VJK
2425	PPPEST	04/19/89	16:00	JCE

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Analytical Information  
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Log Number	Test Code	Date Performed	Time Performed	Analyst Initials
** Sample Id 890228				
2425	CR	04/21/89	09:05	KWH
2425	FE	04/21/89	09:05	KWH
2425	MN	04/21/89	09:05	KWH
2425	CU	04/21/89	09:05	KWH
2425	NI	04/21/89	09:05	KWH
2425	ZN	04/21/89	09:05	KWH
2425	PPBN	04/19/89	16:00	VJK
2425	PPPEST	04/19/89	16:00	JCE
** Sample Id 890229				
2425	CR	04/21/89	09:05	KWH
2425	FE	04/21/89	09:05	KWH
2425	MN	04/21/89	09:05	KWH
2425	CU	04/21/89	09:05	KWH
2425	NI	04/21/89	09:05	KWH
2425	ZN	04/21/89	09:05	KWH
2425	PPBN	04/19/89	16:00	VJK
2425	PPPEST	04/19/89	16:00	JCE
** Sample Id 890230				
2425	CR	04/21/89	09:05	KWH
2425	FE	04/21/89	09:05	KWH
2425	MN	04/21/89	09:05	KWH
2425	CU	04/21/89	09:05	KWH
2425	NI	04/21/89	09:05	KWH
2425	ZN	04/21/89	09:05	KWH
2425	PPBN	04/19/89	16:00	VJK
2425	PPPEST	04/19/89	16:00	JCE
** Sample Id 890231				
2425	CR	04/21/89	09:05	KWH
2425	FE	04/21/89	09:05	KWH
2425	MN	04/21/89	09:05	KWH
2425	CU	04/21/89	09:05	KWH
2425	NI	04/21/89	09:05	KWH
2425	ZN	04/21/89	09:05	KWH
2425	PPBN	04/19/89	16:00	VJK
2425	PPPEST	04/19/89	16:00	JCE
** Sample Id 890232				
2425	CR	04/21/89	09:05	KWH

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Log Number	Test Code	Date Performed	Time Performed	Analyst Initials
2425	FE	04/21/89	09:05	KWH
2425	MN	04/21/89	09:05	KWH
2425	CU	04/21/89	09:05	KWH
2425	NI	04/21/89	09:05	KWH
2425	ZN	04/21/89	09:05	KWH
2425	PPBN	04/19/89	16:00	VJK
2425	PPPEST	04/19/89	16:00	JCE
** Sample Id 890233				
2425	CR	04/21/89	09:05	KWH
2425	FE	04/21/89	09:05	KWH
2425	MN	04/21/89	09:05	KWH
2425	CU	04/21/89	09:05	KWH
2425	NI	04/21/89	09:05	KWH
2425	ZN	04/21/89	09:05	KWH
2425	PPBN	04/19/89	16:00	VJK
2425	PPPEST	04/19/89	16:00	JCE
** Sample Id 890234				
2425	CR	04/21/89	09:05	KWH
2425	FE	04/21/89	09:05	KWH
2425	MN	04/21/89	09:05	KWH
2425	CU	04/21/89	09:05	KWH
2425	NI	04/21/89	09:05	KWH
2425	ZN	04/21/89	09:05	KWH
2425	PPBN	04/19/89	16:00	VJK
2425	PPPEST	04/19/89	16:00	JCE
** Sample Id 890235				
2425	CR	04/21/89	09:05	KWH
2425	FE	04/21/89	09:05	KWH
2425	MN	04/21/89	09:05	KWH
2425	CU	04/21/89	09:05	KWH
2425	NI	04/21/89	09:05	KWH
2425	ZN	04/21/89	09:05	KWH
2425	PPBN	04/19/89	16:00	VJK
2425	PPPEST	04/19/89	16:00	JCE
** Sample Id 890236				
2425	CR	04/21/89	09:05	KWH
2425	FE	04/21/89	09:05	KWH
2425	MN	04/21/89	09:05	KWH
2425	CU	04/21/89	09:05	KWH

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Log Number	Test Code	Date Performed	Time Performed	Analyst Initials
2425	NI	04/21/89	09:05	KWH
2425	ZN	04/21/89	09:05	KWH
2425	PPBN	04/19/89	16:00	VJK
2425	PPPEST	04/19/89	16:00	JCE
** Sample Id 890237				
2425	CR	04/21/89	09:05	KWH
2425	FE	04/21/89	09:05	KWH
2425	MN	04/21/89	09:05	KWH
2425	CU	04/21/89	09:05	KWH
2425	NI	04/21/89	09:05	KWH
2425	ZN	04/21/89	09:05	KWH
2425	PPBN	04/19/89	16:00	VJK
2425	PPPEST	04/19/89	16:00	JCE
** Sample Id 890238				
2425	CR	04/21/89	09:05	KWH
2425	FE	04/21/89	09:05	KWH
2425	MN	04/21/89	09:05	KWH
2425	CU	04/21/89	09:05	KWH
2425	NI	04/21/89	09:05	KWH
2425	ZN	04/21/89	09:05	KWH
2425	PPBN	04/19/89	16:00	VJK
2425	PPPEST	04/19/89	16:00	JCE
** Sample Id 890239				
2425	CR	04/21/89	09:05	KWH
2425	FE	04/21/89	09:05	KWH
2425	MN	04/21/89	09:05	KWH
2425	CU	04/21/89	09:05	KWH
2425	NI	04/21/89	09:05	KWH
2425	ZN	04/21/89	09:05	KWH
2425	PPBN	04/19/89	16:00	VJK
2425	PPPEST	04/19/89	16:00	JCE

H.M.I.	WRA	DATE	SAMPLING TIME	WEATHER	TIDE	DEPTH	SAMPLE	SAMPLE LOCATION	SAMPLER	ANALYSIS	
SAMPLE ID	SAMPLE ID		QUARTER	CODE		FEET	TYPE			REQUIRED	
890587	HM 16-1	8/7/89	YEAR 89 SUMMER	1040	0	N/A	15	RANGIA	XIF3325	PFITZENMEYER	MET/ORG
890588	HM 16-2	8/7/89	"	1040	0	N/A	15	MACOMA	XIF3325	PFITZENMEYER	MET/ORG
890589	HM 16-3	8/7/89	"	1040	0	N/A	15	CYANTHURA	XIF3325	PFITZENMEYER	MET/ORG
890590	HM 16-4	8/7/89	"	1040	0	N/A	15	MACOMA	XIF3325	PFITZENMEYER	MET/ORG
890591	HM 16-5	8/7/89	"	1040	0	N/A	15	POLYCHAETES	XIF3325	PFITZENMEYER	MET/ORG
890592	S 6-1	8/7/89	"	1131	0	N/A	12	RANGIA	XIF4327	PFITZENMEYER	MET/ORG
890593	S 6-2	8/7/89	"	1131	0	N/A	12	MACOMA	XIF4327	PFITZENMEYER	MET/ORG
890594	S 6-3	8/7/89	"	1131	0	N/A	12	CYANTHURA	XIF4327	PFITZENMEYER	MET/ORG
890595	S 4-1	8/7/89	"	1219	0	N/A	12	RANGIA	XIF4715	PFITZENMEYER	MET/ORG
890596	S 4-2	8/7/89	"	1219	0	N/A	12	RANGIA	XIF4715	PFITZENMEYER	MET/ORG
890597	S 4-3	8/7/89	"	1219	0	N/A	12	CYANTHURA	XIF4715	PFITZENMEYER	MET/ORG
890598	S 2-1	8/7/89	"	1353	0	N/A	10	RANGIA	XIF5406	PFITZENMEYER	MET/ORG
890599	S 2-2	8/7/89	"	1353	0	N/A	10	RANGIA	XIF5406	PFITZENMEYER	MET/ORG
890600	S 1-1	8/7/89	"	1411	0	N/A	6	RANGIA	XIF5710	PFITZENMEYER	MET/ORG
890601	S 1-2	8/7/89	"	1411	0	N/A	6	RANGIA	XIF5710	PFITZENMEYER	MET/ORG
890602	S 1-3	8/7/89	"	1411	0	N/A	6	CYANTHURA	XIF5710	PFITZENMEYER	MET/ORG
890603	S 1-4	8/7/89	"	1411	0	N/A	6	POLYCHAETES	XIF5710	PFITZENMEYER	MET/ORG
890604	HM 22-1	8/7/89	"	1447	0	N/A	10.2	RANGIA (LARGE)	XI67689	PFITZENMEYER	MET/ORG
890605	HM 22-2	8/7/89	"	1447	0	N/A	10.2	RANGIA (SMALL)	XI67689	PFITZENMEYER	MET/ORG
890606	HMIT 1-1	8/7/89	"	1687	0	N/A	10	WHITE PERCH	XIF5727	PFITZENMEYER	MET/ORG
890607	HMIT 1-2	8/7/89	"	1687	0	N/A	10	YELLOW PERCH	XIF5727	PFITZENMEYER	MET/ORG
890608	HMIT 2-1	8/7/89	"	1633	0	N/A	15	SPOT	XI65704	PFITZENMEYER	MET/ORG
890609	HMIT 2-2	8/7/89	"	1633	0	N/A	15	SPOT	XI65704	PFITZENMEYER	MET/ORG
890610	HMIT 3-1	8/7/89	"	1654	0	N/A	15	SPOT	XIF4516	PFITZENMEYER	MET/ORG
890611	HMIT 3-2	8/7/89	"	1654	0	N/A	15	SPOT	XIF4516	PFITZENMEYER	MET/ORG
890612	HMIT 4-1	8/7/89	"	1714	0	N/A	12	SPOT	XIF2743	PFITZENMEYER	MET/ORG
890613	HMIT 4-2	8/7/89	"	1714	0	N/A	12	SPOT	XIF2743	PFITZENMEYER	MET/ORG



H. M. I.	WRA	DATE	SAMPLING TIME	WEATHER TIDE	DEPTH	SAMPLE	SAMPLE LOCATION	SAMPLER	ANALYSIS
SAMPLE ID	SAMPLE ID	QUARTER	CODE	FEET	TYPE				REQUIRED

\* WEATHER CODES: 0 = OVERCASTED

\* SAMPLES ARE PACKED IN 250ML GLASS JARS WITH TEFLON LINERS \* SAMPLES HAVE BEEN FROZEN SINCE SAMPLING

) ALL SAMPLES ARE TO BE SPLIT FOR ORGANIC ANALYSIS (ALL ANALYSIS LISTED IN TABLE #5 OF AGREEMENT)

AND FOR METAL ANALYSIS OF THE FOLLOWING SIX TRACE METALS:

\* CHROMIUM \* IRON \* MANGANESE \* COPPER \* ZINC \* NICKEL

) SAMPLES DELIVERED TO HMI LABORATORY ON: 8/08/89

SAMPLES RELINQUISHED BY: DR. PFITZENMEYER & DR. DUGUAY

) SAMPLES DELIVERED TO MARTEL LABORATORY ON: 8/23/89

SAMPLES RECIEVED BY: S. MISTRY & T. HUNGLES

MARTEL LABORATORY SERVICES, INC. 1025 Cromwell Bridge Road Baltimore, Maryland 21204 (301) 825-7790  
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Capital Airport Springfield, Illinois 62707 (217) 522-0009

Invoice Number 02826

Sample W-4632

Samples picked up by Martel Laboratory Services personnel.  
P.O. Number 41837

Maryland Environmental Service  
2020 Industrial Drive  
Annapolis, Maryland 21401  
Attention: Ms. Cece Donovan

September 23, 1989

Client Identification: MES

Log Identification: W-4632  
Date Received: 08/23/89

Sample Id: 890587

Chromium	EPA 218.1	<2	ppm
Iron (total)	EPA 236.1	240	ppm
Manganese	EPA 243.1	51	ppm
Copper (total)	EPA 220.1	3	ppm
Nickel (total)	EPA 249.1	<2	ppm
Zinc (total)	EPA 289.1	21	ppm
Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached

Sample Id: 890588

Chromium	EPA 218.1	<2	ppm
Iron (total)	EPA 236.1	245	ppm
Manganese	EPA 243.1	77	ppm
Copper (total)	EPA 220.1	8	ppm
Nickel (total)	EPA 249.1	<2	ppm
Zinc (total)	EPA 289.1	80	ppm
Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached

Sample Id: 890589

Chromium	EPA 218.1	<5	ppm
Iron (total)	EPA 236.1	140	ppm
Manganese	EPA 243.1	245	ppm

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Sample Id: 890589

Copper (total)	EPA 220.1	21	ppm
Nickel (total)	EPA 249.1	<5	ppm
Zinc (total)	EPA 289.1	74	ppm
Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached

Sample Id: 890590

Chromium	EPA 218.1	<8	ppm
Iron (total)	EPA 236.1	519	ppm
Manganese	EPA 243.1	180	ppm
Copper (total)	EPA 220.1	20	ppm
Nickel (total)	EPA 249.1	<8	ppm
Zinc (total)	EPA 289.1	46	ppm
Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached

Sample Id: 890591

Chromium	EPA 218.1	<20	ppm
Iron (total)	EPA 236.1	250	ppm
Manganese	EPA 243.1	40	ppm
Copper (total)	EPA 220.1	<10	ppm
Nickel (total)	EPA 249.1	<20	ppm
Zinc (total)	EPA 289.1	60	ppm
Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached

Sample Id: 890592

Chromium	EPA 218.1	<2	ppm
Iron (total)	EPA 236.1	170	ppm
Manganese	EPA 243.1	28	ppm
Copper (total)	EPA 220.1	2	ppm
Nickel (total)	EPA 249.1	8	ppm

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Sample Id: 890592

Zinc (total)	EPA 289.1	30	ppm
Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached

Sample Id: 890593

Chromium	EPA 218.1	<2	ppm
Iron (total)	EPA 236.1	540	ppm
Manganese	EPA 243.1	168	ppm
Copper (total)	EPA 220.1	27	ppm
Nickel (total)	EPA 249.1	<2	ppm
Zinc (total)	EPA 289.1	1290	ppm
Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached

Sample Id: 890594

Chromium	EPA 218.1	<8	ppm
Iron (total)	EPA 236.1	190	ppm
Manganese	EPA 243.1	180	ppm
Copper (total)	EPA 220.1	30	ppm
Nickel (total)	EPA 249.1	<8	ppm
Zinc (total)	EPA 289.1	71	ppm
Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached

Sample Id: 890595

Chromium	EPA 218.1	<2	ppm
Iron (total)	EPA 236.1	287	ppm
Manganese	EPA 243.1	67	ppm
Copper (total)	EPA 220.1	5	ppm
Nickel (total)	EPA 249.1	6	ppm
Zinc (total)	EPA 289.1	24	ppm
Base/Neutral Extractables	EPA 8270	see	attached

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Sample Id: 890595

Pesticides/PCB's	EPA 8080	see	attached
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Sample Id: 890596

Chromium	EPA 218.1	<2	ppm
Iron (total)	EPA 236.1	500	ppm
Manganese	EPA 243.1	64	ppm
Copper (total)	EPA 220.1	4	ppm
Nickel (total)	EPA 249.1	10	ppm
Zinc (total)	EPA 289.1	47	ppm
Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached

Sample Id: 890597

Chromium	EPA 218.1	<20	ppm
Iron (total)	EPA 236.1	440	ppm
Manganese	EPA 243.1	230	ppm
Copper (total)	EPA 220.1	<10	ppm
Nickel (total)	EPA 249.1	<20	ppm
Zinc (total)	EPA 289.1	100	ppm
Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached

Sample Id: 890598

Chromium	EPA 218.1	<2	ppm
Iron (total)	EPA 236.1	199	ppm
Manganese	EPA 243.1	38	ppm
Copper (total)	EPA 220.1	4	ppm
Nickel (total)	EPA 249.1	12	ppm
Zinc (total)	EPA 289.1	34	ppm
Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached

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Sample Id: 890599

Chromium	EPA 218.1	<2	ppm
Iron (total)	EPA 236.1	76	ppm
Manganese	EPA 243.1	11	ppm
Copper (total)	EPA 220.1	3	ppm
Nickel (total)	EPA 249.1	7	ppm
Zinc (total)	EPA 289.1	20	ppm
Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached

Sample Id: 890600

Chromium	EPA 218.1	<2	ppm
Iron (total)	EPA 236.1	214	ppm
Manganese	EPA 243.1	30	ppm
Copper (total)	EPA 220.1	3	ppm
Nickel (total)	EPA 249.1	7	ppm
Zinc (total)	EPA 289.1	24	ppm
Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached

Sample Id: 890601

Chromium	EPA 218.1	<2	ppm
Iron (total)	EPA 236.1	371	ppm
Manganese	EPA 243.1	46	ppm
Copper (total)	EPA 220.1	3	ppm
Nickel (total)	EPA 249.1	<2	ppm
Zinc (total)	EPA 289.1	24	ppm
Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached

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Sample Id: 890602

Chromium	EPA 218.1	<20	ppm
Iron (total)	EPA 236.1	280	ppm
Manganese	EPA 243.1	170	ppm
Copper (total)	EPA 220.1	30	ppm
Nickel (total)	EPA 249.1	<20	ppm
Zinc (total)	EPA 289.1	110	ppm
Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached

Sample Id: 890603

Chromium	EPA 218.1	<8	ppm
Iron (total)	EPA 236.1	1430	ppm
Manganese	EPA 243.1	180	ppm
Copper (total)	EPA 220.1	10	ppm
Nickel (total)	EPA 249.1	<8	ppm
Zinc (total)	EPA 289.1	50	ppm
Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached

Sample Id: 890604

Chromium	EPA 218.1	<2	ppm
Iron (total)	EPA 236.1	490	ppm
Manganese	EPA 243.1	60	ppm
Copper (total)	EPA 220.1	3	ppm
Nickel (total)	EPA 249.1	23	ppm
Zinc (total)	EPA 289.1	24	ppm
Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached

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Sample Id: 890605

Chromium	EPA 218.1	<2	ppm
Iron (total)	EPA 236.1	330	ppm
Manganese	EPA 243.1	46	ppm
Copper (total)	EPA 220.1	2	ppm
Nickel (total)	EPA 249.1	9	ppm
Zinc (total)	EPA 289.1	22	ppm
Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached

Sample Id: 890606

Chromium	EPA 218.1	<2	ppm
Iron (total)	EPA 236.1	14	ppm
Manganese	EPA 243.1	27	ppm
Copper (total)	EPA 220.1	3	ppm
Nickel (total)	EPA 249.1	<2	ppm
Zinc (total)	EPA 289.1	20	ppm
Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached

Sample Id: 890607

Chromium	EPA 218.1	<2	ppm
Iron (total)	EPA 236.1	13	ppm
Manganese	EPA 243.1	2	ppm
Copper (total)	EPA 220.1	<1	ppm
Nickel (total)	EPA 249.1	<2	ppm
Zinc (total)	EPA 289.1	12	ppm
Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached



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Sample Id: 890608

Chromium	EPA 218.1	<2	ppm
Iron (total)	EPA 236.1	9	ppm
Manganese	EPA 243.1	4	ppm
Copper (total)	EPA 220.1	3	ppm
Nickel (total)	EPA 249.1	<2	ppm
Zinc (total)	EPA 289.1	10	ppm
Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached

Sample Id: 890609

Chromium	EPA 218.1	6	ppm
Iron (total)	EPA 236.1	10	ppm
Manganese	EPA 243.1	8	ppm
Copper (total)	EPA 220.1	<1	ppm
Nickel (total)	EPA 249.1	19	ppm
Zinc (total)	EPA 289.1	12	ppm
Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached

Sample Id: 890610

Chromium	EPA 218.1	<2	ppm
Iron (total)	EPA 236.1	16	ppm
Manganese	EPA 243.1	5	ppm
Copper (total)	EPA 220.1	2	ppm
Nickel (total)	EPA 249.1	46	ppm
Zinc (total)	EPA 289.1	10	ppm
Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached

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Sample Id: 890611

Chromium	EPA 218.1	<2	ppm
Iron (total)	EPA 236.1	4	ppm
Manganese	EPA 243.1	<2	ppm
Copper (total)	EPA 220.1	<1	ppm
Nickel (total)	EPA 249.1	24	ppm
Zinc (total)	EPA 289.1	6	ppm
Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached

Sample Id: 890612

Chromium	EPA 218.1	<2	ppm
Iron (total)	EPA 236.1	13	ppm
Manganese	EPA 243.1	5	ppm
Copper (total)	EPA 220.1	2	ppm
Nickel (total)	EPA 249.1	14	ppm
Zinc (total)	EPA 289.1	9	ppm
Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached

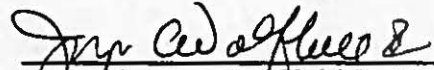
Sample Id: 890613

Chromium	EPA 218.1	<2	ppm
Iron (total)	EPA 236.1	6	ppm
Manganese	EPA 243.1	3	ppm
Copper (total)	EPA 220.1	<1	ppm
Nickel (total)	EPA 249.1	10	ppm
Zinc (total)	EPA 289.1	6	ppm
Base/Neutral Extractables	EPA 8270	see	attached
Pesticides/PCB's	EPA 8080	see	attached

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All procedures followed were in accordance with EPA-600/4-79-020,  
"Methods for Chemical Analysis of Water and Wastes", or SW-846,  
"Test Methods for Evaluating Solid Waste", 1986.

  
\_\_\_\_\_  
Joseph C. Wolfkill II  
President

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**Analytical Information**  
**Dates, Times, Analysts**  
(dates may refer to either date  
begun or date analysis approved)

Log Number	Test Code	Date Performed	Time Performed	Analyst Initials
<b>** Sample Id 890587</b>				
4632	CR	09/07/89	09:00	BAB
4632	FE	09/07/89	11:00	BAB
4632	MN	09/07/89	09:00	BAB
4632	CU	09/07/89	09:00	BAB
4632	NI	09/07/89	09:00	BAB
4632	ZN	09/07/89	09:00	BAB
4632	PPBN	09/24/89	16:00	FJS
4632	PPPEST	09/24/89	16:00	JCE
<b>** Sample Id 890588</b>				
4632	CR	09/07/89	09:00	BAB
4632	FE	09/07/89	11:00	BAB
4632	MN	09/07/89	09:00	BAB
4632	CU	09/07/89	09:00	BAB
4632	NI	09/07/89	09:00	BAB
4632	ZN	09/07/89	09:00	BAB
4632	PPBN	09/24/89	16:00	FJS
4632	PPPEST	09/24/89	16:00	JCE
<b>** Sample Id 890589</b>				
4632	CR	09/07/89	09:00	BAB
4632	FE	09/07/89	11:00	BAB
4632	MN	09/07/89	09:00	BAB
4632	CU	09/07/89	09:00	BAB
4632	NI	09/07/89	09:00	BAB
4632	ZN	09/07/89	09:00	BAB
4632	PPBN	09/24/89	16:00	FJS
4632	PPPEST	09/24/89	16:00	JCE
<b>** Sample Id 890590</b>				
4632	CR	09/07/89	09:00	BAB
4632	FE	09/07/89	11:00	BAB
4632	MN	09/07/89	09:00	BAB
4632	CU	09/07/89	09:00	BAB
4632	NI	09/07/89	09:00	BAB
4632	ZN	09/07/89	09:00	BAB
4632	PPBN	09/24/89	16:00	FJS
4632	PPPEST	09/24/89	16:00	JCE
<b>** Sample Id 890591</b>				
4632	CR	09/07/89	09:00	BAB
4632	FE	09/07/89	11:00	BAB

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**Analytical Information**  
**Dates, Times, Analysts**  
(dates may refer to either date  
begun or date analysis approved)

Log Number	Test Code	Date Performed	Time Performed	Analyst Initials
4632	MN	09/07/89	09:00	BAB
4632	CU	09/07/89	09:00	BAB
4632	NI	09/07/89	09:00	BAB
4632	ZN	09/07/89	09:00	BAB
4632	PPBN	09/24/89	16:00	FJS
4632	PPPEST	09/24/89	16:00	JCE
** Sample Id 890592				
4632	CR	09/07/89	09:00	BAB
4632	FE	09/07/89	11:00	BAB
4632	MN	09/07/89	09:00	BAB
4632	CU	09/07/89	09:00	BAB
4632	NI	09/07/89	09:00	BAB
4632	ZN	09/07/89	09:00	BAB
4632	PPBN	09/24/89	16:00	FJS
4632	PPPEST	09/24/89	16:00	JCE
** Sample Id 890593				
4632	CR	09/07/89	09:00	BAB
4632	FE	09/07/89	11:00	BAB
4632	MN	09/07/89	09:00	BAB
4632	CU	09/07/89	09:00	BAB
4632	NI	09/07/89	09:00	BAB
4632	ZN	09/07/89	09:00	BAB
4632	PPBN	09/24/89	16:00	FJS
4632	PPPEST	09/24/89	16:00	JCE
** Sample Id 890594				
4632	CR	09/07/89	09:00	BAB
4632	FE	09/07/89	11:00	BAB
4632	MN	09/07/89	09:00	BAB
4632	CU	09/07/89	09:00	BAB
4632	NI	09/07/89	09:00	BAB
4632	ZN	09/07/89	09:00	BAB
4632	PPBN	09/24/89	16:00	FJS
4632	PPPEST	09/24/89	16:00	JCE
** Sample Id 890595				
4632	CR	09/07/89	09:00	BAB
4632	FE	09/07/89	11:00	BAB
4632	MN	09/07/89	09:00	BAB
4632	CU	09/07/89	09:00	BAB
4632	NI	09/07/89	09:00	BAB

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**Dates, Times, Analysts**  
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Log Number	Test Code	Date Performed	Time Performed	Analyst Initials
4632	ZN	09/07/89	09:00	BAB
4632	PPBN	09/24/89	16:00	FJS
4632	PPPEST	09/24/89	16:00	JCE
** Sample Id 890596				
4632	CR	09/07/89	09:00	BAB
4632	FE	09/07/89	11:00	BAB
4632	MN	09/07/89	09:00	BAB
4632	CU	09/07/89	09:00	BAB
4632	NI	09/07/89	09:00	BAB
4632	ZN	09/07/89	09:00	BAB
4632	PPBN	09/24/89	16:00	FJS
4632	PPPEST	09/24/89	16:00	JCE
** Sample Id 890597				
4632	CR	09/07/89	09:00	BAB
4632	FE	09/07/89	11:00	BAB
4632	MN	09/07/89	09:00	BAB
4632	CU	09/07/89	09:00	BAB
4632	NI	09/07/89	09:00	BAB
4632	ZN	09/07/89	09:00	BAB
4632	PPBN	09/24/89	16:00	FJS
4632	PPPEST	09/24/89	16:00	JCE
** Sample Id 890598				
4632	CR	09/07/89	09:00	BAB
4632	FE	09/07/89	11:00	BAB
4632	MN	09/07/89	09:00	BAB
4632	CU	09/07/89	09:00	BAB
4632	NI	09/07/89	09:00	BAB
4632	ZN	09/07/89	09:00	BAB
4632	PPBN	09/24/89	16:00	FJS
4632	PPPEST	09/24/89	16:00	JCE
** Sample Id 890599				
4632	CR	09/07/89	09:00	BAB
4632	FE	09/07/89	11:00	BAB
4632	MN	09/07/89	09:00	BAB
4632	CU	09/07/89	09:00	BAB
4632	NI	09/07/89	09:00	BAB
4632	ZN	09/07/89	09:00	BAB
4632	PPBN	09/24/89	16:00	FJS
4632	PPPEST	09/24/89	16:00	JCE

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Log Number	Test Code	Date Performed	Time Performed	Analyst Initials
** Sample Id 890600				
4632	CR	09/07/89	09:00	BAB
4632	FE	09/07/89	11:00	BAB
4632	MN	09/07/89	09:00	BAB
4632	CU	09/07/89	09:00	BAB
4632	NI	09/07/89	09:00	BAB
4632	ZN	09/07/89	09:00	BAB
4632	PPBN	09/24/89	16:00	FJS
4632	PPPEST	09/24/89	16:00	JCE
** Sample Id 890601				
4632	CR	09/07/89	09:00	BAB
4632	FE	09/07/89	11:00	BAB
4632	MN	09/07/89	09:00	BAB
4632	CU	09/07/89	09:00	BAB
4632	NI	09/07/89	09:00	BAB
4632	ZN	09/07/89	09:00	BAB
4632	PPBN	09/24/89	16:00	FJS
4632	PPPEST	09/24/89	16:00	JCE
** Sample Id 890602				
4632	CR	09/07/89	09:00	BAB
4632	FE	09/07/89	11:00	BAB
4632	MN	09/07/89	09:00	BAB
4632	CU	09/07/89	09:00	BAB
4632	NI	09/07/89	09:00	BAB
4632	ZN	09/07/89	09:00	BAB
4632	PPBN	09/24/89	16:00	FJS
4632	PPPEST	09/24/89	16:00	JCE
** Sample Id 890603				
4632	CR	09/07/89	09:00	BAB
4632	FE	09/07/89	11:00	BAB
4632	MN	09/07/89	09:00	BAB
4632	CU	09/07/89	09:00	BAB
4632	NI	09/07/89	09:00	BAB
4632	ZN	09/07/89	09:00	BAB
4632	PPBN	09/24/89	16:00	FJS
4632	PPPEST	09/24/89	16:00	JCE
** Sample Id 890604				
4632	CR	09/07/89	09:00	BAB

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Log Number	Test Code	Date Performed	Time Performed	Analyst Initials
4632	FE	09/07/89	11:00	BAB
4632	MN	09/07/89	09:00	BAB
4632	CU	09/07/89	09:00	BAB
4632	NI	09/07/89	09:00	BAB
4632	ZN	09/07/89	09:00	BAB
4632	PPBN	09/24/89	16:00	FJS
4632	PPPEST	09/24/89	16:00	JCE
** Sample Id 890605				
4632	CR	09/07/89	09:00	BAB
4632	FE	09/07/89	11:00	BAB
4632	MN	09/07/89	09:00	BAB
4632	CU	09/07/89	09:00	BAB
4632	NI	09/07/89	09:00	BAB
4632	ZN	09/07/89	09:00	BAB
4632	PPBN	09/24/89	16:00	FJS
4632	PPPEST	09/24/89	16:00	JCE
** Sample Id 890606				
4632	CR	09/07/89	09:00	BAB
4632	FE	09/07/89	11:00	BAB
4632	MN	09/07/89	09:00	BAB
4632	CU	09/07/89	09:00	BAB
4632	NI	09/07/89	09:00	BAB
4632	ZN	09/07/89	09:00	BAB
4632	PPBN	09/24/89	16:00	FJS
4632	PPPEST	09/24/89	16:00	JCE
** Sample Id 890607				
4632	CR	09/07/89	09:00	BAB
4632	FE	09/07/89	11:00	BAB
4632	MN	09/07/89	09:00	BAB
4632	CU	09/07/89	09:00	BAB
4632	NI	09/07/89	09:00	BAB
4632	ZN	09/07/89	09:00	BAB
4632	PPBN	09/24/89	16:00	FJS
4632	PPPEST	09/24/89	16:00	JCE
** Sample Id 890608				
4632	CR	09/07/89	09:00	BAB
4632	FE	09/07/89	11:00	BAB
4632	MN	09/07/89	09:00	BAB
4632	CU	09/07/89	09:00	BAB



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Log Number	Test Code	Date Performed	Time Performed	Analyst Initials
4632	NI	09/07/89	09:00	BAB
4632	ZN	09/07/89	09:00	BAB
4632	PPBN	09/24/89	16:00	FJS
4632	PPPEST	09/24/89	16:00	JCE
** Sample Id 890609				
4632	CR	09/07/89	09:00	BAB
4632	FE	09/07/89	11:00	BAB
4632	MN	09/07/89	09:00	BAB
4632	CU	09/07/89	09:00	BAB
4632	NI	09/07/89	09:00	BAB
4632	ZN	09/07/89	09:00	BAB
4632	PPBN	09/24/89	16:00	FJS
4632	PPPEST	09/24/89	16:00	JCE
** Sample Id 890610				
4632	CR	09/07/89	09:00	BAB
4632	FE	09/07/89	11:00	BAB
4632	MN	09/07/89	09:00	BAB
4632	CU	09/07/89	09:00	BAB
4632	NI	09/07/89	09:00	BAB
4632	ZN	09/07/89	09:00	BAB
4632	PPBN	09/24/89	16:00	FJS
4632	PPPEST	09/24/89	16:00	JCE
** Sample Id 890611				
4632	CR	09/07/89	09:00	BAB
4632	FE	09/07/89	11:00	BAB
4632	MN	09/07/89	09:00	BAB
4632	CU	09/07/89	09:00	BAB
4632	NI	09/07/89	09:00	BAB
4632	ZN	09/07/89	09:00	BAB
4632	PPBN	09/24/89	16:00	FJS
4632	PPPEST	09/24/89	16:00	JCE
** Sample Id 890612				
4632	CR	09/07/89	09:00	BAB
4632	FE	09/07/89	11:00	BAB
4632	MN	09/07/89	09:00	BAB
4632	CU	09/07/89	09:00	BAB
4632	NI	09/07/89	09:00	BAB
4632	ZN	09/07/89	09:00	BAB
4632	PPBN	09/24/89	16:00	FJS

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Log Number	Test Code	Date Performed	Time Performed	Analyst Initials
4632	PPPEST	09/24/89	16:00	JCE
** Sample Id 890613				
4632	CR	09/07/89	09:00	BAB
4632	FE	09/07/89	11:00	BAB
4632	MN	09/07/89	09:00	BAB
4632	CU	09/07/89	09:00	BAB
4632	NI	09/07/89	09:00	BAB
4632	ZN	09/07/89	09:00	BAB
4632	PPBN	09/24/89	16:00	FJS
4632	PPPEST	09/24/89	16:00	JCE

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### Organic Compounds, EPA Methods 608, 606, 610

Analytical Parameter	Result	Detection Limit	Units
** 890587, Rangia			
* Pesticides, Herbicides, PCB's			
Aldrin	ND	<1	ug/kg
a-BHC	ND	<1	ug/kg
Atrazine	ND	<2	ug/kg
b-BHC	ND	<1	ug/kg
g-BHC (lindane)	ND	<1	ug/kg
Chlordane	ND	<10	ug/kg
4,4'-DDD	ND	<1	ug/kg
4,4'-DDE	ND	<1	ug/kg
4,4'-DDT	ND	<1	ug/kg
Diazinon	ND	<2	ug/kg
Dieldrin	ND	<1	ug/kg
Endrin	ND	<1	ug/kg
Ethyl parathion	ND	<2	ug/kg
Heptachlor	ND	<2	ug/kg
Heptachlor epoxide	ND	<1	ug/kg
Linuron	ND	<2	ug/kg
Malathion	ND	<2	ug/kg
Methyl parathion	ND	<2	ug/kg
Toxaphene	ND	<10	ug/kg
Trifluraline	ND	<2	ug/kg
PCB's (total)	ND	<1	ug/kg
* Phthalates			
Butyl benzyl phthalate	ND	<1	ug/kg
Dis-n-octyl phthalate	ND	<1	ug/kg
Bis (2-ethylhexyl) phthalate	ND	<10	ug/kg
Di-n-butyl phthalate	ND	<1	ug/kg
Diethyl phthalate	ND	<1	ug/kg
Dimethyl phthalate	ND	<1	ug/kg
* Polynuclear Aromatic Hydrocarbons			
Benzo (b) fluoranthene	ND	<1	ug/kg
Acenaphthylene	ND	<1	ug/kg
Benzo (a) anthracene	ND	<1	ug/kg
Benzo (g,h,i) perylene	ND	<2	ug/kg
Chrysene	ND	<1	ug/kg
Fluoranthene	ND	<1	ug/kg
Indeno (1,2,3-cd) pyrene	ND	<2	ug/kg
Phenanthrene	ND	<1	ug/kg
Acenaphthene	ND	<1	ug/kg
Anthracene	ND	<1	ug/kg
Benzo (a) pyrene	ND	<1	ug/kg
Benzo (k) fluoranthene	ND	<2	ug/kg
Dibenzo (a,h) anthracene	ND	<2	ug/kg
Fluorene	ND	<1	ug/kg
Naphthalene	ND	<1	ug/kg
Pyrene	ND	<1	ug/kg

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Organic Compounds, EPA Methods 608, 606, 610

Analytical Parameter	Result	Detection Limit	Units
** 890592, Rangia			
* Pesticides, Herbicides, PCB's			
Aldrin	ND	<10	ug/kg
a-BHC	ND	<10	ug/kg
Atrazine	ND	<20	ug/kg
b-BHC	ND	<10	ug/kg
g-BHC (lindane)	ND	<10	ug/kg
Chlordane	ND	<100	ug/kg
4,4'-DDD	ND	<10	ug/kg
4,4'-DDE	ND	<10	ug/kg
4,4'-DDT	ND	<10	ug/kg
Diazinon	ND	<20	ug/kg
Dieldrin	ND	<10	ug/kg
Endrin	ND	<10	ug/kg
Ethyl parathion	ND	<20	ug/kg
Heptachlor	ND	<20	ug/kg
Heptachlor epoxide	ND	<10	ug/kg
Linuron	ND	<20	ug/kg
Malathion	ND	<20	ug/kg
Methyl parathion	ND	<20	ug/kg
Toxaphene	ND	<100	ug/kg
Trifluraline	ND	<20	ug/kg
PCB's (total)	ND	<100	ug/kg
* Phthalates			
Butyl benzyl phthalate	ND	<5	ug/kg
Dis-n-octyl phthalate	ND	<5	ug/kg
Bis (2-ethylhexyl) phthalate	ND	<50	ug/kg
Di-n-butyl phthalate	ND	<5	ug/kg
Diethyl phthalate	ND	<5	ug/kg
Dimethyl phthalate	ND	<5	ug/kg
* Polynuclear Aromatic Hydrocarbons			
Benzo (b) fluoranthene	ND	<5	ug/kg
Acenaphthylene	ND	<5	ug/kg
Benzo (a) anthracene	ND	<5	ug/kg
Benzo (g,h,i) perylene	ND	<10	ug/kg
Chrysene	ND	<5	ug/kg
Fluoranthene	ND	<5	ug/kg
Indeno (1,2,3-cd) pyrene	ND	<10	ug/kg
Phenanthrene	ND	<5	ug/kg
Acenaphthene	ND	<5	ug/kg
Anthracene	ND	<5	ug/kg
Benzo (a) pyrene	ND	<5	ug/kg
Benzo (k) fluoranthene	ND	<10	ug/kg
Dibenzo (a,h) anthracene	ND	<10	ug/kg
Fluorene	ND	<5	ug/kg
Naphthalene	ND	<5	ug/kg
Benzo (ghi) perylene	ND	<5	ug/kg

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Organic Compounds, EPA Methods 608, 606, 610

Analytical Parameter	Result	Detection Limit	Units
** 890595, Rangia			
* Pesticides, Herbicides, PCB's			
Aldrin	ND	<1	ug/kg
a-BHC	ND	<1	ug/kg
Atrazine	ND	<2	ug/kg
b-BHC	ND	<1	ug/kg
g-BHC (lindane)	ND	<1	ug/kg
Chlordane	ND	<10	ug/kg
4,4'-DDD	ND	<1	ug/kg
4,4'-DDE	ND	<1	ug/kg
4,4'-DDT	ND	<1	ug/kg
Diazinon	ND	<2	ug/kg
Dieldrin	ND	<1	ug/kg
Endrin	ND	<1	ug/kg
Ethyl parathion	ND	<2	ug/kg
Heptachlor	ND	<2	ug/kg
Heptachlor epoxide	ND	<1	ug/kg
Linuron	ND	<2	ug/kg
Malathion	ND	<2	ug/kg
Methyl parathion	ND	<2	ug/kg
Toxaphene	ND	<10	ug/kg
Trifluraline	ND	<2	ug/kg
PCB's (total)	ND	<1	ug/kg
* Phthalates			
Butyl benzyl phthalate	ND	<5	ug/kg
Dis-n-octyl phthalate	ND	<5	ug/kg
Bis (2-ethylhexyl) phthalate	ND	<50	ug/kg
Di-n-butyl phthalate	ND	<5	ug/kg
Diethyl phthalate	ND	<5	ug/kg
Dimethyl phthalate	ND	<5	ug/kg
* Polynuclear Aromatic Hydrocarbons			
Benzo (b) fluoranthene	ND	<5	ug/kg
Acenaphthylene	ND	<5	ug/kg
Benzo (a) anthracene	ND	<5	ug/kg
Benzo (g,h,i) perylene	ND	<10	ug/kg
Chrysene	ND	<5	ug/kg
Fluoranthene	ND	<5	ug/kg
Indeno (1,2,3-cd) pyrene	ND	<10	ug/kg
Phenanthrene	ND	<5	ug/kg
Acenaphthene	ND	<5	ug/kg
Anthracene	ND	<5	ug/kg
Benzo (a) pyrene	ND	<5	ug/kg
Benzo (k) fluoranthene	ND	<10	ug/kg
Dibenzo (a,h) anthracene	ND	<10	ug/kg
Fluorene	ND	<5	ug/kg
Naphthalene	ND	<5	ug/kg
Pyrene	ND	<5	ug/kg

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Organic Compounds, EPA Methods 608, 606, 610

Analytical Parameter	Result	Detection Limit	Units
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\*\* 890605, Small Rangia

\* Pesticides, Herbicides, PCB's

Aldrin	ND	<1	ug/kg
a-BHC	ND	<1	ug/kg
Atrazine	ND	<2	ug/kg
b-BHC	ND	<1	ug/kg
g-BHC (lindane)	ND	<1	ug/kg
Chlordane	ND	<10	ug/kg
4,4'-DDD	ND	<1	ug/kg
4,4'-DDE	ND	<1	ug/kg
4,4'-DDT	ND	<1	ug/kg
Diazinon	ND	<2	ug/kg
Dieldrin	ND	<1	ug/kg
Endrin	ND	<1	ug/kg
Ethyl parathion	ND	<2	ug/kg
Heptachlor	ND	<2	ug/kg
Heptachlor epoxide	ND	<1	ug/kg
Linuron	ND	<2	ug/kg
Malathion	ND	<2	ug/kg
Methyl parathion	ND	<2	ug/kg
Toxaphene	ND	<10	ug/kg
Trifluraline	ND	<2	ug/kg
PCB's (total)	ND	<1	ug/kg

\* Phthalates

Butyl benzyl phthalate	ND	<1	ug/kg
Dis-n-octyl phthalate	ND	<1	ug/kg
Bis (2-ethylhexyl) phthalate	ND	<10	ug/kg
Di-n-butyl phthalate	ND	<1	ug/kg
Diethyl phthalate	ND	<1	ug/kg
Dimethyl phthalate	ND	<1	ug/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	ND	<1	ug/kg
Acenaphthylene	ND	<1	ug/kg
Benzo (a) anthracene	ND	<1	ug/kg
Benzo (g,h,i) perylene	ND	<2	ug/kg
Chrysene	ND	<1	ug/kg
Fluoranthene	ND	<1	ug/kg
Indeno (1,2,3-cd) pyrene	ND	<2	ug/kg
Phenanthrene	ND	<1	ug/kg
Acenaphthene	ND	<1	ug/kg
Anthracene	ND	<1	ug/kg
Benzo (a) pyrene	ND	<1	ug/kg
Benzo (k) fluoranthene	ND	<2	ug/kg
Dibenzo (a,h) anthracene	ND	<2	ug/kg
Fluorene	ND	<1	ug/kg
Naphthalene	ND	<1	ug/kg
Fluoranthene	ND	<1	ug/kg

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Organic Compounds, EPA Methods 608, 606, 610

Analytical Parameter	Result	Detection Limit	Units
** 890604, Large Rangia			
* Pesticides, Herbicides, PCB's			
Aldrin	ND	<1	ug/kg
a-BHC	ND	<1	ug/kg
Atrazine	ND	<2	ug/kg
b-BHC	ND	<1	ug/kg
g-BHC (lindane)	ND	<1	ug/kg
Chlordane	ND	<10	ug/kg
4,4'-DDD	ND	<1	ug/kg
4,4'-DDE	ND	<1	ug/kg
4,4'-DDT	ND	<1	ug/kg
Diazinon	ND	<2	ug/kg
Dieldrin	ND	<1	ug/kg
Endrin	ND	<1	ug/kg
Ethyl parathion	ND	<2	ug/kg
Heptachlor	ND	<2	ug/kg
Heptachlor epoxide	ND	<1	ug/kg
Linuron	ND	<2	ug/kg
Malathion	ND	<2	ug/kg
Methyl parathion	ND	<2	ug/kg
Toxaphene	ND	<10	ug/kg
Trifluraline	ND	<2	ug/kg
PCB's (total)	420	<1	ug/kg
* Phthalates			
Butyl benzyl phthalate	ND	<1	ug/kg
Dis-n-octyl phthalate	ND	<1	ug/kg
Bis (2-ethylhexyl) phthalate	ND	<10	ug/kg
Di-n-butyl phthalate	ND	<1	ug/kg
Diethyl phthalate	ND	<1	ug/kg
Dimethyl phthalate	ND	<1	ug/kg
* Polynuclear Aromatic Hydrocarbons			
Benzo (b) fluoranthene	ND	<1	ug/kg
Acenaphthylene	ND	<1	ug/kg
Benzo (a) anthracene	ND	<1	ug/kg
Benzo (g,h,i) perylene	ND	<2	ug/kg
Chrysene	ND	<1	ug/kg
Fluoranthene	ND	<1	ug/kg
Indeno (1,2,3-cd) pyrene	ND	<2	ug/kg
Phenanthrene	ND	<1	ug/kg
Acenaphthene	ND	<1	ug/kg
Anthracene	ND	<1	ug/kg
Benzo (a) pyrene	ND	<1	ug/kg
Benzo (k) fluoranthene	ND	<2	ug/kg
Dibenzo (a,h) anthracene	ND	<2	ug/kg
Fluorene	ND	<1	ug/kg
Naphthalene	ND	<1	ug/kg
Pyrene	ND	<1	ug/kg

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5920 North Belt, Suite 111 Houston, Texas 77396 (713) 441-4965  
Capital Airport Springfield, Illinois 62707 (217) 522-0009

Organic Compounds, EPA Methods 608, 606, 610

Analytical Parameter	Result	Detection Limit	Units
** 890600, Rangia			
* Pesticides, Herbicides, PCB's			
Aldrin	ND	<1	ug/kg
a-BHC	ND	<1	ug/kg
Atrazine	ND	<2	ug/kg
b-BHC	ND	<1	ug/kg
g-BHC (lindane)	ND	<1	ug/kg
Chlordane	ND	<10	ug/kg
4,4'-DDD	ND	<1	ug/kg
4,4'-DDE	ND	<1	ug/kg
4,4'-DDT	ND	<1	ug/kg
Diazinon	ND	<2	ug/kg
Dieldrin	ND	<1	ug/kg
Endrin	ND	<1	ug/kg
Ethyl parathion	ND	<2	ug/kg
Heptachlor	ND	<2	ug/kg
Heptachlor epoxide	ND	<1	ug/kg
Linuron	ND	<2	ug/kg
Malathion	ND	<2	ug/kg
Methyl parathion	ND	<2	ug/kg
Toxaphene	ND	<10	ug/kg
Trifluraline	ND	<2	ug/kg
PCB's (total)	52	<1	ug/kg
* Phthalates			
Butyl benzyl phthalate	ND	<1	ug/kg
Dis-n-octyl phthalate	ND	<1	ug/kg
Bis (2-ethylhexyl) phthalate	ND	<10	ug/kg
Di-n-butyl phthalate	ND	<1	ug/kg
Diethyl phthalate	ND	<1	ug/kg
Dimethyl phthalate	ND	<1	ug/kg
* Polynuclear Aromatic Hydrocarbons			
Benzo (b) fluoranthene	ND	<1	ug/kg
Acenaphthylene	ND	<1	ug/kg
Benzo (a) anthracene	ND	<1	ug/kg
Benzo (g,h,i) perylene	ND	<2	ug/kg
Chrysene	ND	<1	ug/kg
Fluoranthene	ND	<1	ug/kg
Indeno (1,2,3-cd) pyrene	ND	<2	ug/kg
Phenanthrene	ND	<1	ug/kg
Acenaphthene	ND	<1	ug/kg
Anthracene	ND	<1	ug/kg
Benzo (a) pyrene	ND	<1	ug/kg
Benzo (k) fluoranthene	ND	<2	ug/kg
Dibenzo (a,h) anthracene	ND	<2	ug/kg
Fluorene	ND	<1	ug/kg
Naphthalene	ND	<1	ug/kg
Pyrene	ND	<1	ug/kg



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Organic Compounds, EPA Methods 608, 606, 610

Analytical Parameter	Result	Detection Limit	Units
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\*\* 890598, Rangia

\* Pesticides, Herbicides, PCB's

Aldrin	ND	<1	ug/kg
a-BHC	ND	<1	ug/kg
Atrazine	ND	<2	ug/kg
b-BHC	ND	<1	ug/kg
g-BHC (lindane)	ND	<1	ug/kg
Chlordane	ND	<10	ug/kg
4,4'-DDD	ND	<1	ug/kg
4,4'-DDE	ND	<1	ug/kg
4,4'-DDT	ND	<1	ug/kg
Diazinon	ND	<2	ug/kg
Dieldrin	ND	<1	ug/kg
Endrin	ND	<1	ug/kg
Ethyl parathion	ND	<2	ug/kg
Heptachlor	ND	<2	ug/kg
Heptachlor epoxide	ND	<1	ug/kg
Linuron	ND	<2	ug/kg
Malathion	ND	<2	ug/kg
Methyl parathion	ND	<2	ug/kg
Toxaphene	ND	<10	ug/kg
Trifluraline	ND	<2	ug/kg
PCB's (total)	42	<1	ug/kg

\* Phthalates

Butyl benzyl phthalate	ND	<1	ug/kg
Dis-n-octyl phthalate	ND	<1	ug/kg
Bis (2-ethylhexyl) phthalate	ND	<10	ug/kg
Di-n-butyl phthalate	ND	<1	ug/kg
Diethyl phthalate	ND	<1	ug/kg
Dimethyl phthalate	ND	<1	ug/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	ND	<1	ug/kg
Acenaphthylene	ND	<1	ug/kg
Benzo (a) anthracene	ND	<1	ug/kg
Benzo (g,h,i) perylene	ND	<2	ug/kg
Chrysene	ND	<1	ug/kg
Fluoranthene	ND	<1	ug/kg
Indeno (1,2,3-cd) pyrene	ND	<2	ug/kg
Phenanthrene	ND	<1	ug/kg
Acenaphthene	ND	<1	ug/kg
Anthracene	ND	<1	ug/kg
Benzo (a) pyrene	ND	<1	ug/kg
Benzo (k) fluoranthene	ND	<2	ug/kg
Dibenzo (a,h) anthracene	ND	<2	ug/kg
Fluorene	ND	<1	ug/kg
Naphthalene	ND	<1	ug/kg
Pyrene	ND	<1	ug/kg

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Organic Compounds, EPA Methods 608, 606, 610

Analytical Parameter	Result	Detection Limit	Units
** 890601, Rangia			
* Pesticides, Herbicides, PCB's			
Aldrin	ND	<1	ug/kg
a-BHC	ND	<1	ug/kg
Atrazine	ND	<2	ug/kg
b-BHC	ND	<1	ug/kg
g-BHC (lindane)	ND	<1	ug/kg
Chlordane	ND	<10	ug/kg
4,4'-DDD	ND	<1	ug/kg
4,4'-DDE	ND	<1	ug/kg
4,4'-DDT	ND	<1	ug/kg
Diazinon	ND	<2	ug/kg
Dieldrin	ND	<1	ug/kg
Endrin	ND	<1	ug/kg
Ethyl parathion	ND	<2	ug/kg
Heptachlor	ND	<2	ug/kg
Heptachlor epoxide	ND	<1	ug/kg
Linuron	ND	<2	ug/kg
Malathion	ND	<2	ug/kg
Methyl parathion	ND	<2	ug/kg
Toxaphene	ND	<10	ug/kg
Trifluraline	ND	<2	ug/kg
PCB's (total)	39	<1	ug/kg
* Phthalates			
Butyl benzyl phthalate	ND	<1	ug/kg
Dis-n-octyl phthalate	ND	<1	ug/kg
Bis (2-ethylhexyl) phthalate	ND	<10	ug/kg
Di-n-butyl phthalate	ND	<1	ug/kg
Diethyl phthalate	ND	<1	ug/kg
Dimethyl phthalate	ND	<1	ug/kg
* Polynuclear Aromatic Hydrocarbons			
Benzo (b) fluoranthene	ND	<1	ug/kg
Acenaphthylene	ND	<1	ug/kg
Benzo (a) anthracene	ND	<1	ug/kg
Benzo (g,h,i) perylene	ND	<2	ug/kg
Chrysene	ND	<1	ug/kg
Fluoranthene	ND	<1	ug/kg
Indeno (1,2,3-cd) pyrene	ND	<2	ug/kg
Phenanthrene	ND	<1	ug/kg
Acenaphthene	ND	<1	ug/kg
Anthracene	ND	<1	ug/kg
Benzo (a) pyrene	ND	<1	ug/kg
Benzo (k) fluoranthene	ND	<2	ug/kg
Dibenzo (a,h) anthracene	ND	<2	ug/kg
Fluorene	ND	<1	ug/kg
Naphthalene	ND	<1	ug/kg
Benzo (e) pyrene	ND	<1	ug/kg

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Organic Compounds, EPA Methods 608, 606, 610

Analytical Parameter	Result	Detection Limit	Units
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\*\* 890596, Rangia

\* Pesticides, Herbicides, PCB's

Aldrin	ND	<1	ug/kg
a-BHC	ND	<1	ug/kg
Atrazine	ND	<2	ug/kg
b-BHC	ND	<1	ug/kg
g-BHC (lindane)	ND	<1	ug/kg
Chlordane	ND	<10	ug/kg
4,4'-DDD	ND	<1	ug/kg
4,4'-DDE	ND	<1	ug/kg
4,4'-DDT	ND	<1	ug/kg
Diazinon	ND	<2	ug/kg
Dieldrin	ND	<1	ug/kg
Endrin	ND	<1	ug/kg
Ethyl parathion	ND	<2	ug/kg
Heptachlor	ND	<2	ug/kg
Heptachlor epoxide	ND	<1	ug/kg
Linuron	ND	<2	ug/kg
Malathion	ND	<2	ug/kg
Methyl parathion	ND	<2	ug/kg
Toxaphene	ND	<10	ug/kg
Trifluraline	ND	<2	ug/kg
PCB's (total)	88	<1	ug/kg

\* Phthalates

Butyl benzyl phthalate	ND	<1	ug/kg
Dis-n-octyl phthalate	ND	<1	ug/kg
Bis (2-ethylhexyl) phthalate	ND	<10	ug/kg
Di-n-butyl phthalate	300	<1	ug/kg
Diethyl phthalate	ND	<1	ug/kg
Dimethyl phthalate	ND	<1	ug/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	ND	<1	ug/kg
Acenaphthylene	ND	<1	ug/kg
Benzo (a) anthracene	ND	<1	ug/kg
Benzo (g,h,i) perylene	ND	<2	ug/kg
Chrysene	ND	<1	ug/kg
Fluoranthene	ND	<1	ug/kg
Indeno (1,2,3-cd) pyrene	ND	<2	ug/kg
Phenanthrene	ND	<1	ug/kg
Acenaphthene	ND	<1	ug/kg
Anthracene	ND	<1	ug/kg
Benzo (a) pyrene	ND	<1	ug/kg
Benzo (k) fluoranthene	ND	<2	ug/kg
Dibenzo (a,h) anthracene	ND	<2	ug/kg
Fluorene	ND	<1	ug/kg
Naphthalene	ND	<1	ug/kg
Pyrene	ND	<1	ug/kg

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### Organic Compounds, EPA Methods 608, 606, 610

Analytical Parameter	Result	Detection Limit	Units
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\*\* 890599, Rangia

\* Pesticides, Herbicides, PCB's

Aldrin	ND	<1	ug/kg
a-BHC	ND	<1	ug/kg
Atrazine	ND	<2	ug/kg
b-BHC	ND	<1	ug/kg
g-BHC (lindane)	ND	<1	ug/kg
Chlordane	ND	<10	ug/kg
4,4'-DDD	ND	<1	ug/kg
4,4'-DDE	ND	<1	ug/kg
4,4'-DDT	ND	<1	ug/kg
Diazinon	ND	<2	ug/kg
Dieldrin	ND	<1	ug/kg
Endrin	ND	<1	ug/kg
Ethyl parathion	ND	<2	ug/kg
Heptachlor	ND	<2	ug/kg
Heptachlor epoxide	ND	<1	ug/kg
Linuron	ND	<2	ug/kg
Malathion	ND	<2	ug/kg
Methyl parathion	ND	<2	ug/kg
Toxaphene	ND	<10	ug/kg
Trifluraline	ND	<2	ug/kg
PCB's (total)	ND	<1	ug/kg

\* Phthalates

Butyl benzyl phthalate	ND	<1	ug/kg
Dis-n-octyl phthalate	ND	<1	ug/kg
Bis (2-ethylhexyl) phthalate	ND	<10	ug/kg
Di-n-butyl phthalate	500	<1	ug/kg
Diethyl phthalate	ND	<1	ug/kg
Dimethyl phthalate	ND	<1	ug/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	ND	<1	ug/kg
Acenaphthylene	ND	<1	ug/kg
Benzo (a) anthracene	ND	<1	ug/kg
Benzo (g,h,i) perylene	ND	<2	ug/kg
Chrysene	ND	<1	ug/kg
Fluoranthene	ND	<1	ug/kg
Indeno (1,2,3-cd) pyrene	ND	<2	ug/kg
Phenanthrene	ND	<1	ug/kg
Acenaphthene	ND	<1	ug/kg
Anthracene	ND	<1	ug/kg
Benzo (a) pyrene	ND	<1	ug/kg
Benzo (k) fluoranthene	ND	<2	ug/kg
Dibenzo (a,h) anthracene	ND	<2	ug/kg
Fluorene	ND	<1	ug/kg
Naphthalene	ND	<1	ug/kg
Fluoranthene	ND	<1	ug/kg

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Organic Compounds, EPA Methods 608, 606, 610

Analytical Parameter	Result	Detection Limit	Units
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\*\* 890593, Macoma

\* Pesticides, Herbicides, PCB's

Aldrin	ND	<10	ug/kg
a-BHC	ND	<10	ug/kg
Atrazine	ND	<20	ug/kg
b-BHC	ND	<10	ug/kg
g-BHC (lindane)	ND	<10	ug/kg
Chlordane	ND	<100	ug/kg
4,4'-DDD	ND	<10	ug/kg
4,4'-DDE	ND	<10	ug/kg
4,4'-DDT	ND	<10	ug/kg
Diazinon	ND	<20	ug/kg
Dieldrin	ND	<10	ug/kg
Endrin	ND	<10	ug/kg
Ethyl parathion	ND	<20	ug/kg
Heptachlor	ND	<20	ug/kg
Heptachlor epoxide	ND	<10	ug/kg
Linuron	ND	<20	ug/kg
Malathion	ND	<20	ug/kg
Methyl parathion	ND	<20	ug/kg
Toxaphene	ND	<100	ug/kg
Trifluraline	ND	<20	ug/kg
PCB's (total)	ND	<100	ug/kg

\* Phthalates

Butyl benzyl phthalate	ND	<1000	ug/kg
Dis-n-octyl phthalate	ND	<1000	ug/kg
Bis (2-ethylhexyl) phthalate	ND	<10000	ug/kg
Di-n-butyl phthalate	ND	<1000	ug/kg
Diethyl phthalate	ND	<1000	ug/kg
Dimethyl phthalate	ND	<1000	ug/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	ND	<1000	ug/kg
Acenaphthylene	ND	<1000	ug/kg
Benzo (a) anthracene	ND	<1000	ug/kg
Benzo (g,h,i) perylene	ND	<2000	ug/kg
Chrysene	ND	<1000	ug/kg
Fluoranthene	ND	<1000	ug/kg
Indeno (1,2,3-cd) pyrene	ND	<2000	ug/kg
Phenanthrene	ND	<1000	ug/kg
Acenaphthene	ND	<1000	ug/kg
Anthracene	ND	<1000	ug/kg
Benzo (a) pyrene	ND	<1000	ug/kg
Benzo (k) fluoranthene	ND	<2000	ug/kg
Dibenzo (a,h) anthracene	ND	<2000	ug/kg
Fluorene	ND	<1000	ug/kg
Naphthalene	ND	<1000	ug/kg
Pyrene	ND	<1000	ug/kg

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Organic Compounds, EPA Methods 608, 606, 610

Analytical Parameter	Result	Detection Limit	Units
** 890588, Macoma			
* Pesticides, Herbicides, PCB's			
Aldrin	ND	<1	ug/kg
a-BHC	ND	<1	ug/kg
Atrazine	ND	<2	ug/kg
b-BHC	ND	<1	ug/kg
g-BHC (lindane)	ND	<1	ug/kg
Chlordane	ND	<10	ug/kg
4,4'-DDD	ND	<1	ug/kg
4,4'-DDE	ND	<1	ug/kg
4,4'-DDT	ND	<1	ug/kg
Diazinon	ND	<2	ug/kg
Dieldrin	ND	<1	ug/kg
Endrin	ND	<1	ug/kg
Ethyl parathion	ND	<2	ug/kg
Heptachlor	ND	<2	ug/kg
Heptachlor epoxide	ND	<1	ug/kg
Linuron	ND	<2	ug/kg
Malathion	ND	<2	ug/kg
Methyl parathion	ND	<2	ug/kg
Toxaphene	ND	<10	ug/kg
Trifluraline	ND	<2	ug/kg
PCB's (total)	ND	<1	ug/kg
* Phthalates			
Butyl benzyl phthalate	ND	<1	ug/kg
Dis-n-octyl phthalate	ND	<1	ug/kg
Bis (2-ethylhexyl) phthalate	ND	<10	ug/kg
Di-n-butyl phthalate	ND	<1	ug/kg
Diethyl phthalate	ND	<1	ug/kg
Dimethyl phthalate	ND	<1	ug/kg
* Polynuclear Aromatic Hydrocarbons			
Benzo (b) fluoranthene	ND	<1	ug/kg
Acenaphthylene	ND	<1	ug/kg
Benzo (a) anthracene	ND	<1	ug/kg
Benzo (g,h,i) perylene	ND	<2	ug/kg
Chrysene	ND	<1	ug/kg
Fluoranthene	ND	<1	ug/kg
Indeno (1,2,3-cd) pyrene	ND	<2	ug/kg
Phenanthrene	ND	<1	ug/kg
Acenaphthene	ND	<1	ug/kg
Anthracene	ND	<1	ug/kg
Benzo (a) pyrene	ND	<1	ug/kg
Benzo (k) fluoranthene	ND	<2	ug/kg
Dibenzo (a,h) anthracene	ND	<2	ug/kg
Fluorene	ND	<1	ug/kg
Naphthalene	ND	<1	ug/kg
Benzo (e) pyrene	ND	<1	ug/kg

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Organic Compounds, EPA Methods 608, 606, 610

Analytical Parameter	Result	Detection Limit	Units
** 890590, Macoma			
* Pesticides, Herbicides, PCB's			
Aldrin	ND	<10	ug/kg
a-BHC	ND	<10	ug/kg
Atrazine	ND	<20	ug/kg
b-BHC	ND	<10	ug/kg
g-BHC (lindane)	ND	<10	ug/kg
Chlordane	ND	<100	ug/kg
4,4'-DDD	ND	<10	ug/kg
4,4'-DDE	ND	<10	ug/kg
4,4'-DDT	ND	<10	ug/kg
Diazinon	ND	<20	ug/kg
Dieldrin	ND	<10	ug/kg
Endrin	ND	<10	ug/kg
Ethyl parathion	ND	<20	ug/kg
Heptachlor	ND	<20	ug/kg
Heptachlor epoxide	ND	<10	ug/kg
Linuron	ND	<20	ug/kg
Malathion	ND	<20	ug/kg
Methyl parathion	ND	<20	ug/kg
Toxaphene	ND	<100	ug/kg
Trifluraline	ND	<20	ug/kg
PCB's (total)	ND	<100	ug/kg
* Phthalates			
Butyl benzyl phthalate	ND	<1000	ug/kg
Dis-n-octyl phthalate	ND	<1000	ug/kg
Bis (2-ethylhexyl) phthalate	ND	<10000	ug/kg
Di-n-butyl phthalate	ND	<1000	ug/kg
Diethyl phthalate	ND	<1000	ug/kg
Dimethyl phthalate	ND	<1000	ug/kg
* Polynuclear Aromatic Hydrocarbons			
Benzo (b) fluoranthene	ND	<1000	ug/kg
Acenaphthylene	ND	<1000	ug/kg
Benzo (a) anthracene	ND	<1000	ug/kg
Benzo (g,h,i) perylene	ND	<2000	ug/kg
Chrysene	ND	<1000	ug/kg
Fluoranthene	ND	<1000	ug/kg
Indeno (1,2,3-cd) pyrene	ND	<2000	ug/kg
Phenanthrene	ND	<1000	ug/kg
Acenaphthene	ND	<1000	ug/kg
Anthracene	ND	<1000	ug/kg
Benzo (a) pyrene	ND	<1000	ug/kg
Benzo (k) fluoranthene	ND	<2000	ug/kg
Dibenzo (a,h) anthracene	ND	<2000	ug/kg
Fluorene	ND	<1000	ug/kg
Naphthalene	ND	<1000	ug/kg
Pyrene	ND	<1000	ug/kg

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### Organic Compounds, EPA Methods 608, 606, 610

Analytical Parameter	Result	Detection Limit	Units
** 890602, Cyanthura			
* Pesticides, Herbicides, PCB's			
Aldrin	ND	<10	ug/kg
a-BHC	ND	<10	ug/kg
Atrazine	ND	<20	ug/kg
b-BHC	ND	<10	ug/kg
g-BHC (lindane)	ND	<10	ug/kg
Chlordane	ND	<100	ug/kg
4,4'-DDD	ND	<10	ug/kg
4,4'-DDE	ND	<10	ug/kg
4,4'-DDT	ND	<10	ug/kg
Diazinon	ND	<20	ug/kg
Dieldrin	ND	<10	ug/kg
Endrin	ND	<10	ug/kg
Ethyl parathion	ND	<20	ug/kg
Heptachlor	ND	<20	ug/kg
Heptachlor epoxide	ND	<10	ug/kg
Linuron	ND	<20	ug/kg
Malathion	ND	<20	ug/kg
Methyl parathion	ND	<20	ug/kg
Toxaphene	ND	<100	ug/kg
Trifluraline	ND	<20	ug/kg
PCB's (total)	ND	<100	ug/kg
* Phthalates			
Butyl benzyl phthalate	ND	<1000	ug/kg
Dis-n-octyl phthalate	ND	<1000	ug/kg
Bis (2-ethylhexyl) phthalate	ND	<10000	ug/kg
Di-n-butyl phthalate	ND	<1000	ug/kg
Diethyl phthalate	ND	<1000	ug/kg
Dimethyl phthalate	ND	<1000	ug/kg
* Polynuclear Aromatic Hydrocarbons			
Benzo (b) fluoranthene	ND	<1000	ug/kg
Acenaphthylene	ND	<1000	ug/kg
Benzo (a) anthracene	ND	<1000	ug/kg
Benzo (g,h,i) perylene	ND	<2000	ug/kg
Chrysene	ND	<1000	ug/kg
Fluoranthene	ND	<1000	ug/kg
Indeno (1,2,3-cd) pyrene	ND	<2000	ug/kg
Phenanthrene	ND	<1000	ug/kg
Acenaphthene	ND	<1000	ug/kg
Anthracene	ND	<1000	ug/kg
Benzo (a) pyrene	ND	<1000	ug/kg
Benzo (k) fluoranthene	ND	<2000	ug/kg
Dibenzo (a,h) anthracene	ND	<2000	ug/kg
Fluorene	ND	<1000	ug/kg
Naphthalene	ND	<1000	ug/kg
Fluoranthene	ND	<1000	ug/kg



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Organic Compounds, EPA Methods 608, 606, 610

Analytical Parameter	Result	Detection Limit	Units
** 890597, Cyanthura			
* Pesticides, Herbicides, PCB's			
Aldrin	ND	<10	ug/kg
a-BHC	ND	<10	ug/kg
Atrazine	ND	<20	ug/kg
b-BHC	ND	<10	ug/kg
g-BHC (lindane)	ND	<10	ug/kg
Chlordane	ND	<100	ug/kg
4,4'-DDD	ND	<10	ug/kg
4,4'-DDE	ND	<10	ug/kg
4,4'-DDT	ND	<10	ug/kg
Diazinon	ND	<20	ug/kg
Dieldrin	ND	<10	ug/kg
Endrin	ND	<10	ug/kg
Ethyl parathion	ND	<20	ug/kg
Heptachlor	ND	<20	ug/kg
Heptachlor epoxide	ND	<10	ug/kg
Linuron	ND	<20	ug/kg
Malathion	ND	<20	ug/kg
Methyl parathion	ND	<20	ug/kg
Toxaphene	ND	<100	ug/kg
Trifluraline	ND	<20	ug/kg
PCB's (total)	ND	<100	ug/kg
* Phthalates			
Butyl benzyl phthalate	ND	<1000	ug/kg
Dis-n-octyl phthalate	ND	<1000	ug/kg
Bis (2-ethylhexyl) phthalate	ND	<10000	ug/kg
Di-n-butyl phthalate	ND	<1000	ug/kg
Diethyl phthalate	ND	<1000	ug/kg
Dimethyl phthalate	ND	<1000	ug/kg
* Polynuclear Aromatic Hydrocarbons			
Benzo (b) fluoranthene	ND	<1000	ug/kg
Acenaphthylene	ND	<1000	ug/kg
Benzo (a) anthracene	ND	<1000	ug/kg
Benzo (g,h,i) perylene	ND	<2000	ug/kg
Chrysene	ND	<1000	ug/kg
Fluoranthene	ND	<1000	ug/kg
Indeno (1,2,3-cd) pyrene	ND	<2000	ug/kg
Phenanthrene	ND	<1000	ug/kg
Acenaphthene	ND	<1000	ug/kg
Anthracene	ND	<1000	ug/kg
Benzo (a) pyrene	ND	<1000	ug/kg
Benzo (k) fluoranthene	ND	<2000	ug/kg
Dibenzo (a,h) anthracene	ND	<2000	ug/kg
Fluorene	ND	<1000	ug/kg
Naphthalene	ND	<1000	ug/kg
Pyrene	ND	<1000	ug/kg

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Organic Compounds, EPA Methods 608, 606, 610

Analytical Parameter	Result	Detection Limit	Units
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\*\* 890594, Cyanthura

\* Pesticides, Herbicides, PCB's

Aldrin	ND	<10	ug/kg
a-BHC	ND	<10	ug/kg
Atrazine	ND	<20	ug/kg
b-BHC	ND	<10	ug/kg
g-BHC (lindane)	ND	<10	ug/kg
Chlordane	ND	<100	ug/kg
4,4'-DDD	ND	<10	ug/kg
4,4'-DDE	ND	<10	ug/kg
4,4'-DDT	ND	<10	ug/kg
Diazinon	ND	<20	ug/kg
Dieldrin	ND	<10	ug/kg
Endrin	ND	<10	ug/kg
Ethyl parathion	ND	<20	ug/kg
Heptachlor	ND	<20	ug/kg
Heptachlor epoxide	ND	<10	ug/kg
Linuron	ND	<20	ug/kg
Malathion	ND	<20	ug/kg
Methyl parathion	ND	<20	ug/kg
Toxaphene	ND	<100	ug/kg
Trifluraline	ND	<20	ug/kg
PCB's (total)	ND	<100	ug/kg

\* Phthalates

Butyl benzyl phthalate	ND	<1000	ug/kg
Dis-n-octyl phthalate	ND	<1000	ug/kg
Bis (2-ethylhexyl) phthalate	ND	<10000	ug/kg
Di-n-butyl phthalate	ND	<1000	ug/kg
Diethyl phthalate	ND	<1000	ug/kg
Dimethyl phthalate	ND	<1000	ug/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	ND	<1000	ug/kg
Acenaphthylene	ND	<1000	ug/kg
Benzo (a) anthracene	ND	<1000	ug/kg
Benzo (g,h,i) perylene	ND	<2000	ug/kg
Chrysene	ND	<1000	ug/kg
Fluoranthene	ND	<1000	ug/kg
Indeno (1,2,3-cd) pyrene	ND	<2000	ug/kg
Phenanthrene	ND	<1000	ug/kg
Acenaphthene	ND	<1000	ug/kg
Anthracene	ND	<1000	ug/kg
Benzo (a) pyrene	ND	<1000	ug/kg
Benzo (k) fluoranthene	ND	<2000	ug/kg
Dibenzo (a,h) anthracene	ND	<2000	ug/kg
Fluorene	ND	<1000	ug/kg
Naphthalene	ND	<1000	ug/kg
Benzo (e) pyrene	ND	<1000	ug/kg

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Organic Compounds, EPA Methods 608, 606, 610

Analytical Parameter	Result	Detection Limit	Units
** 890589, Cyanthura			
* Pesticides, Herbicides, PCB's			
Aldrin	ND	<10	ug/kg
a-BHC	ND	<10	ug/kg
Atrazine	ND	<20	ug/kg
b-BHC	ND	<10	ug/kg
g-BHC (lindane)	ND	<10	ug/kg
Chlordane	ND	<100	ug/kg
4,4'-DDD	ND	<10	ug/kg
4,4'-DDE	ND	<10	ug/kg
4,4'-DDT	ND	<10	ug/kg
Diazinon	ND	<20	ug/kg
Dieldrin	ND	<10	ug/kg
Endrin	ND	<10	ug/kg
Ethyl parathion	ND	<20	ug/kg
Heptachlor	ND	<20	ug/kg
Heptachlor epoxide	ND	<10	ug/kg
Linuron	ND	<20	ug/kg
Malathion	ND	<20	ug/kg
Methyl parathion	ND	<20	ug/kg
Toxaphene	ND	<100	ug/kg
Trifluraline	ND	<20	ug/kg
PCB's (total)	ND	<100	ug/kg
* Phthalates			
Butyl benzyl phthalate	ND	<1000	ug/kg
Dis-n-octyl phthalate	ND	<1000	ug/kg
Bis (2-ethylhexyl) phthalate	ND	<10000	ug/kg
Di-n-butyl phthalate	ND	<1000	ug/kg
Diethyl phthalate	ND	<1000	ug/kg
Dimethyl phthalate	ND	<1000	ug/kg
* Polynuclear Aromatic Hydrocarbons			
Benzo (b) fluoranthene	ND	<1000	ug/kg
Acenaphthylene	ND	<1000	ug/kg
Benzo (a) anthracene	ND	<1000	ug/kg
Benzo (g,h,i) perylene	ND	<2000	ug/kg
Chrysene	ND	<1000	ug/kg
Fluoranthene	ND	<1000	ug/kg
Indeno (1,2,3-cd) pyrene	ND	<2000	ug/kg
Phenanthrene	ND	<1000	ug/kg
Acenaphthene	ND	<1000	ug/kg
Anthracene	ND	<1000	ug/kg
Benzo (a) pyrene	ND	<1000	ug/kg
Benzo (k) fluoranthene	ND	<2000	ug/kg
Dibenzo (a,h) anthracene	ND	<2000	ug/kg
Fluorene	ND	<1000	ug/kg
Naphthalene	ND	<1000	ug/kg
Pyrene	ND	<1000	ug/kg

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Organic Compounds, EPA Methods 608, 606, 610

Analytical Parameter	Result	Detection Limit	Units
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\*\* 890591, Polycheaks

\* Pesticides, Herbicides, PCB's

Aldrin	ND	<10	ug/kg
a-BHC	ND	<10	ug/kg
Atrazine	ND	<20	ug/kg
b-BHC	ND	<10	ug/kg
g-BHC (lindane)	ND	<10	ug/kg
Chlordane	ND	<100	ug/kg
4,4'-DDD	ND	<10	ug/kg
4,4'-DDE	ND	<10	ug/kg
4,4'-DDT	ND	<10	ug/kg
Diazinon	ND	<20	ug/kg
Dieldrin	ND	<10	ug/kg
Endrin	ND	<10	ug/kg
Ethyl parathion	ND	<20	ug/kg
Heptachlor	ND	<20	ug/kg
Heptachlor epoxide	ND	<10	ug/kg
Linuron	ND	<20	ug/kg
Malathion	ND	<20	ug/kg
Methyl parathion	ND	<20	ug/kg
Toxaphene	ND	<100	ug/kg
Trifluraline	ND	<20	ug/kg
PCB's (total)	ND	<100	ug/kg

\* Phthalates

Butyl benzyl phthalate	ND	<1000	ug/kg
Dis-n-octyl phthalate	ND	<1000	ug/kg
Bis (2-ethylhexyl) phthalate	ND	<10000	ug/kg
Di-n-butyl phthalate	ND	<1000	ug/kg
Diethyl phthalate	ND	<1000	ug/kg
Dimethyl phthalate	ND	<1000	ug/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	ND	<1000	ug/kg
Acenaphthylene	ND	<1000	ug/kg
Benzo (a) anthracene	ND	<1000	ug/kg
Benzo (g,h,i) perylene	ND	<2000	ug/kg
Chrysene	ND	<1000	ug/kg
Fluoranthene	ND	<1000	ug/kg
Indeno (1,2,3-cd) pyrene	ND	<2000	ug/kg
Phenanthrene	ND	<1000	ug/kg
Acenaphthene	ND	<1000	ug/kg
Anthracene	ND	<1000	ug/kg
Benzo (a) pyrene	ND	<1000	ug/kg
Benzo (k) fluoranthene	ND	<2000	ug/kg
Dibenzo (a,h) anthracene	ND	<2000	ug/kg
Fluorene	ND	<1000	ug/kg
Naphthalene	ND	<1000	ug/kg
Benzo (ghi) perylene	ND	<1000	ug/kg

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Organic Compounds, EPA Methods 608, 606, 610

Analytical Parameter	Result	Detection Limit	Units
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\*\* 890603, Polychaetes

\* Pesticides, Herbicides, PCB's

Aldrin	ND	<10	ug/kg
a-BHC	ND	<10	ug/kg
Atrazine	ND	<20	ug/kg
b-BHC	ND	<10	ug/kg
g-BHC (lindane)	ND	<10	ug/kg
Chlordane	ND	<100	ug/kg
4,4'-DDD	ND	<10	ug/kg
4,4'-DDE	ND	<10	ug/kg
4,4'-DDT	ND	<10	ug/kg
Diazinon	ND	<20	ug/kg
Dieldrin	ND	<10	ug/kg
Endrin	ND	<10	ug/kg
Ethyl parathion	ND	<20	ug/kg
Heptachlor	ND	<20	ug/kg
Heptachlor epoxide	ND	<10	ug/kg
Linuron	ND	<20	ug/kg
Malathion	ND	<20	ug/kg
Methyl parathion	ND	<20	ug/kg
Toxaphene	ND	<100	ug/kg
Trifluraline	ND	<20	ug/kg
PCB's (total)	ND	<100	ug/kg

\* Phthalates

Butyl benzyl phthalate	ND	<1000	ug/kg
Dis-n-octyl phthalate	ND	<1000	ug/kg
Bis (2-ethylhexyl) phthalate	ND	<10000	ug/kg
Di-n-butyl phthalate	ND	<1000	ug/kg
Diethyl phthalate	ND	<1000	ug/kg
Dimethyl phthalate	ND	<1000	ug/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	ND	<1000	ug/kg
Acenaphthylene	ND	<1000	ug/kg
Benzo (a) anthracene	ND	<1000	ug/kg
Benzo (g,h,i) perylene	ND	<2000	ug/kg
Chrysene	ND	<1000	ug/kg
Fluoranthene	ND	<1000	ug/kg
Indeno (1,2,3-cd) pyrene	ND	<2000	ug/kg
Phenanthrene	ND	<1000	ug/kg
Acenaphthene	ND	<1000	ug/kg
Anthracene	ND	<1000	ug/kg
Benzo (a) pyrene	ND	<1000	ug/kg
Benzo (k) fluoranthene	ND	<2000	ug/kg
Dibenzo (a,h) anthracene	ND	<2000	ug/kg
Fluorene	ND	<1000	ug/kg
Naphthalene	ND	<1000	ug/kg
Pyrene	ND	<1000	ug/kg

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Organic Compounds, EPA Methods 608, 606, 610

Analytical Parameter	Result	Detection Limit	Units
** 890606, White Perch			
* Pesticides, Herbicides, PCB's			
Aldrin	ND	<1	ug/kg
a-BHC	ND	<1	ug/kg
Atrazine	ND	<2	ug/kg
b-BHC	ND	<1	ug/kg
g-BHC (lindane)	ND	<1	ug/kg
Chlordane	1400	<10	ug/kg
4,4'-DDD	ND	<1	ug/kg
4,4'-DDE	ND	<1	ug/kg
4,4'-DDT	ND	<1	ug/kg
Diazinon	ND	<2	ug/kg
Dieldrin	ND	<1	ug/kg
Endrin	ND	<1	ug/kg
Ethyl parathion	ND	<2	ug/kg
Heptachlor	ND	<2	ug/kg
Heptachlor epoxide	ND	<1	ug/kg
Linuron	ND	<2	ug/kg
Malathion	ND	<2	ug/kg
Methyl parathion	ND	<2	ug/kg
Toxaphene	ND	<10	ug/kg
Trifluraline	ND	<2	ug/kg
PCB's (total)	840	<1	ug/kg
* Phthalates			
Butyl benzyl phthalate	ND	<1	ug/kg
Dis-n-octyl phthalate	ND	<1	ug/kg
Bis (2-ethylhexyl) phthalate	ND	<10	ug/kg
Di-n-butyl phthalate	ND	<1	ug/kg
Diethyl phthalate	ND	<1	ug/kg
Dimethyl phthalate	ND	<1	ug/kg
* Polynuclear Aromatic Hydrocarbons			
Benzo (b) fluoranthene	ND	<1	ug/kg
Acenaphthylene	ND	<1	ug/kg
Benzo (a) anthracene	ND	<1	ug/kg
Benzo (g,h,i) perylene	ND	<2	ug/kg
Chrysene	ND	<1	ug/kg
Fluoranthene	ND	<1	ug/kg
Indeno (1,2,3-cd) pyrene	ND	<2	ug/kg
Phenanthrene	ND	<1	ug/kg
Acenaphthene	ND	<1	ug/kg
Anthracene	ND	<1	ug/kg
Benzo (a) pyrene	ND	<1	ug/kg
Benzo (k) fluoranthene	ND	<2	ug/kg
Dibenzo (a,h) anthracene	ND	<2	ug/kg
Fluorene	ND	<1	ug/kg
Naphthalene	ND	<1	ug/kg
Phthalene	ND	<1	ug/kg

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Organic Compounds, EPA Methods 608, 606, 610

Analytical Parameter	Result	Detection Limit	Units
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\*\* 890607, Yellow Perch

Pesticides, Herbicides, PCB's

Aldrin	ND	<1	ug/kg
a-BHC	ND	<1	ug/kg
Atrazine	ND	<2	ug/kg
b-BHC	ND	<1	ug/kg
g-BHC (lindane)	ND	<1	ug/kg
Chlordane	ND	<10	ug/kg
4,4'-DDD	ND	<1	ug/kg
4,4'-DDE	ND	<1	ug/kg
4,4'-DDT	ND	<1	ug/kg
Diazinon	ND	<2	ug/kg
Dieldrin	ND	<1	ug/kg
Endrin	ND	<1	ug/kg
Ethyl parathion	ND	<2	ug/kg
Heptachlor	ND	<2	ug/kg
Heptachlor epoxide	ND	<1	ug/kg
Linuron	ND	<2	ug/kg
Malathion	ND	<2	ug/kg
Methyl parathion	ND	<2	ug/kg
Toxaphene	ND	<10	ug/kg
Trifluraline	ND	<2	ug/kg
PCB's (total)	ND	<1	ug/kg

Phthalates

Butyl benzyl phthalate	ND	<1	ug/kg
Dis-n-octyl phthalate	ND	<1	ug/kg
Bis (2-ethylhexyl) phthalate	ND	<10	ug/kg
Di-n-butyl phthalate	ND	<1	ug/kg
Diethyl phthalate	ND	<1	ug/kg
Dimethyl phthalate	ND	<1	ug/kg

Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	ND	<1	ug/kg
Acenaphthylene	ND	<1	ug/kg
Benzo (a) anthracene	ND	<1	ug/kg
Benzo (g,h,i) perylene	ND	<2	ug/kg
Chrysene	ND	<1	ug/kg
Fluoranthene	ND	<1	ug/kg
Indeno (1,2,3-cd) pyrene	ND	<2	ug/kg
Phenanthrene	ND	<1	ug/kg
Acenaphthene	ND	<1	ug/kg
Anthracene	ND	<1	ug/kg
Benzo (a) pyrene	ND	<1	ug/kg
Benzo (k) fluoranthene	ND	<2	ug/kg
Benzo (a,h) anthracene	ND	<2	ug/kg
Fluorene	ND	<1	ug/kg
Acenaphthene	ND	<1	ug/kg
Pyrene	ND	<1	ug/kg

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Organic Compounds, EPA Methods 608, 606, 610

Analytical Parameter	Result	Detection Limit	Units
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\*\* 890609, Spot

\* Pesticides, Herbicides, PCB's

Aldrin	ND	<1	ug/kg
a-BHC	ND	<1	ug/kg
Atrazine	ND	<2	ug/kg
b-BHC	ND	<1	ug/kg
g-BHC (lindane)	ND	<1	ug/kg
Chlordane	ND	<10	ug/kg
4,4'-DDD	ND	<1	ug/kg
4,4'-DDE	ND	<1	ug/kg
4,4'-DDT	ND	<1	ug/kg
Diazinon	ND	<2	ug/kg
Dieldrin	ND	<1	ug/kg
Endrin	ND	<1	ug/kg
Ethyl parathion	ND	<2	ug/kg
Heptachlor	ND	<2	ug/kg
Heptachlor epoxide	ND	<1	ug/kg
Linuron	ND	<2	ug/kg
Malathion	ND	<2	ug/kg
Methyl parathion	ND	<2	ug/kg
Toxaphene	ND	<10	ug/kg
Trifluraline	ND	<2	ug/kg
PCB's (total)	82	<1	ug/kg

\* Phthalates

Butyl benzyl phthalate	ND	<1	ug/kg
Dis-n-octyl phthalate	ND	<1	ug/kg
Bis (2-ethylhexyl) phthalate	ND	<10	ug/kg
Di-n-butyl phthalate	ND	<1	ug/kg
Diethyl phthalate	ND	<1	ug/kg
Dimethyl phthalate	ND	<1	ug/kg

\* Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	ND	<1	ug/kg
Acenaphthylene	ND	<1	ug/kg
Benzo (a) anthracene	ND	<1	ug/kg
Benzo (g,h,i) perylene	ND	<2	ug/kg
Chrysene	ND	<1	ug/kg
Fluoranthene	ND	<1	ug/kg
Indeno (1,2,3-cd) pyrene	ND	<2	ug/kg
Phenanthrene	ND	<1	ug/kg
Acenaphthene	ND	<1	ug/kg
Anthracene	ND	<1	ug/kg
Benzo (a) pyrene	ND	<1	ug/kg
Benzo (k) fluoranthene	ND	<2	ug/kg
Dibenzo (a,h) anthracene	ND	<2	ug/kg
Fluorene	ND	<1	ug/kg
Naphthalene	ND	<1	ug/kg
Indene	ND	<1	ug/kg



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Organic Compounds, EPA Methods 608, 606, 610

Analytical Parameter	Result	Detection Limit	Units
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\*\* 890611, Spot

\* Pesticides, Herbicides, PCB's

Aldrin	ND	<1	ug/kg
a-BHC	ND	<1	ug/kg
Atrazine	ND	<2	ug/kg
b-BHC	ND	<1	ug/kg
g-BHC (lindane)	ND	<1	ug/kg
Chlordane	ND	<10	ug/kg
4,4'-DDD	ND	<1	ug/kg
4,4'-DDE	ND	<1	ug/kg
4,4'-DDT	ND	<1	ug/kg
Diazinon	ND	<2	ug/kg
Dieldrin	ND	<1	ug/kg
Endrin	ND	<1	ug/kg
Ethyl parathion	ND	<2	ug/kg
Heptachlor	ND	<2	ug/kg
Heptachlor epoxide	ND	<1	ug/kg
Linuron	ND	<2	ug/kg
Malathion	ND	<2	ug/kg
Methyl parathion	ND	<2	ug/kg
Toxaphene	ND	<10	ug/kg
Trifluraline	ND	<2	ug/kg
PCB's (total)	86	<1	ug/kg

Phthalates

Butyl benzyl phthalate	ND	<1	ug/kg
Dis-n-octyl phthalate	ND	<1	ug/kg
Bis (2-ethylhexyl) phthalate	ND	<10	ug/kg
Di-n-butyl phthalate	ND	<1	ug/kg
Diethyl phthalate	ND	<1	ug/kg
Dimethyl phthalate	ND	<1	ug/kg

Polynuclear Aromatic Hydrocarbons

Benzo (b) fluoranthene	ND	<1	ug/kg
Acenaphthylene	ND	<1	ug/kg
Benzo (a) anthracene	ND	<1	ug/kg
Benzo (g,h,i) perylene	ND	<2	ug/kg
Chrysene	ND	<1	ug/kg
Fluoranthene	ND	<1	ug/kg
Indeno (1,2,3-cd) pyrene	ND	<2	ug/kg
Phenanthrene	ND	<1	ug/kg
Acenaphthene	ND	<1	ug/kg
Anthracene	ND	<1	ug/kg
Benzo (a) pyrene	ND	<1	ug/kg
Benzo (k) fluoranthene	ND	<2	ug/kg
Benzo (a,h) anthracene	ND	<2	ug/kg
Fluorene	ND	<1	ug/kg
Acenaphthylene	ND	<1	ug/kg
Pyrene	ND	<1	ug/kg

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Organic Compounds, EPA Methods 608, 606, 610

Analytical Parameter	Result	Detection Limit	Units
** 890610, Spot			
* Pesticides, Herbicides, PCB's			
Aldrin	ND	<1	ug/kg
a-BHC	ND	<1	ug/kg
Atrazine	ND	<2	ug/kg
b-BHC	ND	<1	ug/kg
g-BHC (lindane)	ND	<1	ug/kg
Chlordane	ND	<10	ug/kg
4,4'-DDD	ND	<1	ug/kg
4,4'-DDE	ND	<1	ug/kg
4,4'-DDT	ND	<1	ug/kg
Diazinon	ND	<2	ug/kg
Dieldrin	ND	<1	ug/kg
Endrin	ND	<1	ug/kg
Ethyl parathion	ND	<2	ug/kg
Heptachlor	ND	<2	ug/kg
Heptachlor epoxide	ND	<1	ug/kg
Linuron	ND	<2	ug/kg
Malathion	ND	<2	ug/kg
Methyl parathion	ND	<2	ug/kg
Toxaphene	ND	<10	ug/kg
Trifluraline	ND	<2	ug/kg
PCB's (total)	160	<1	ug/kg
* Phthalates			
Butyl benzyl phthalate	ND	<1	ug/kg
Dis-n-octyl phthalate	ND	<1	ug/kg
Bis (2-ethylhexyl) phthalate	ND	<10	ug/kg
Di-n-butyl phthalate	ND	<1	ug/kg
Diethyl phthalate	ND	<1	ug/kg
Dimethyl phthalate	ND	<1	ug/kg
* Polynuclear Aromatic Hydrocarbons			
Benzo (b) fluoranthene	ND	<1	ug/kg
Acenaphthylene	ND	<1	ug/kg
Benzo (a) anthracene	ND	<1	ug/kg
Benzo (g,h,i) perylene	ND	<2	ug/kg
Chrysene	ND	<1	ug/kg
Fluoranthene	ND	<1	ug/kg
Indeno (1,2,3-cd) pyrene	ND	<2	ug/kg
Phenanthrene	ND	<1	ug/kg
Acenaphthene	ND	<1	ug/kg
Anthracene	ND	<1	ug/kg
Benzo (a) pyrene	ND	<1	ug/kg
Benzo (k) fluoranthene	ND	<2	ug/kg
Dibenzo (a,h) anthracene	ND	<2	ug/kg
Fluorene	ND	<1	ug/kg
Naphthalene	ND	<1	ug/kg
Fluoranthene	ND	<1	ug/kg