BRUNSWICK COMMUNITY BASED ENVIRONMENTAL PROTECTION STUDY

CHARACTERIZATION AND SPATIAL DISTRIBUTION OF CONTAMINANTS IN SURFACE WATER, SEDIMENTS AND FISH WITHIN THE TIDAL REACHES SURROUNDING BRUNSWICK, GEORGIA

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EXECUTIVE SUMMARY

The study included analyses for metals, extractable organic compounds, purgeable organic compounds and PCB/pesticides in surface water and sediment samples in the tidally influenced surface water areas surrounding the city of Brunswick, Georgia. The study included two components; (1) River areas, which include all of the surrounding rivers and tidal creeks and (2) Marsh areas, which include all of the associated salt marshes adjacent to the rivers and tidal creeks. Selected river sediment stations were analyzed for dioxins. Only sediments were collected at the marsh sampling stations and were analyzed for metals, extractable organic compounds, purgeable organic compounds and PCB/pesticides. Fish were collected at selected river sampling stations and analyzed for metals, extractable organic compounds and PCB's/pesticides.

Stations were randomly selected by computer utilizing an EMAP approach, wherein each station has a weighting value which represents a certain amount of surface area within the selected study area. Cumulative Distribution Frequency (CDF) curves can then be developed which compare the concentrations of a constituent to the percentage of surface area within the study area where the constituent is found. Metals analysis in river and marsh sediments provided the vast majority of concentration values above detectable limits, therefore CDF curves were only generated for metals concentrations and aroclor 1268 concentrations in river and marsh sediments. Following is a synopsis of the results:

Surface Water

Analyses of surface water samples revealed most constituents to generally be below analytical detection limits. Low level mercury analysis revealed a grouping of higher values (> 8.0 ng/l) on the upper end of the Turtle River (Figure 1 and 13). Station 49 in Terry Creek on the east side of Brunswick contained low concentrations of purgeable organic compounds not detected at other stations such as chloroform, carbon tetrachloride, and methyl isobutyl ketone.

Sediments

River sediment samples from station 48 and marsh sediment samples from stations 32, 38 and 49, contained high levels of mercury, i.e. greater than the Effective Range-Median (ER-M)[1] value of .71 mg/kg. The concentrations at these stations, which are in general proximity to each other to the west of Brunswick and in the vicinity of LCP chemical, ranges from .89 mg/kg to a high of 14.0 mg/kg of mercury. CDF curves indicate that approximately 3 percent of the river and 4 percent of the marsh have mercury concentrations greater than the ER-M value. Sediment samples from station 49 in the marsh, which is adjacent to Academy Creek on the west side of the city of Brunswick, contained significantly higher values for lead (120 mg/kg), copper (130 mg/kg) and especially zinc (530 mg/kg), than the other marsh stations. With a concentration of 530 mg/kg, the zinc concentration at station 49 was the only other metal besides mercury to exceed the ER-M value (410 mg/kg). Station 49 in the river

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[1]Long, Edward R., Donald D. MacDonald, and Sherri L. Smith. 1994. Incidence of Adverse Biological Effects within Ranges of Chemical Concentrations in Marine and Estuarine Sediments. Environmental Management.

EXECUTIVE SUMMARY (Continued)

sediments contained significantly higher concentrations of lead (120 mg/kg) and zinc (170 mg/kg), than the other river stations. Concentrations of all other metals ranged between the detection limits and the ER-M values.

Samples from station 49 in the river and stations 49 and 77 in the marsh contained more organic compounds than other stations, fourteen and eight respectively. With the exception of non-toxic fatty acids normally found in fish tissues and other organic material, only scattered low concentrations of various other organic compounds were detected. Station 4 had an unexplainably high concentration of kaurenoic acid (200,000 ug/kg). This was the only station where this compound occurred.

Very few purgeable organic compounds were detected in either the river or marsh sediments. Low concentrations of acetone were detected at three river stations and low concentrations of thiobismethane were detected at 17 marsh stations.

The only PCB detected in sediments was aroclor 1268. There were relatively high concentrations of araclor 1268 at river station 48 (1400ug/kg) and 69 (5200 ug/kg), and in marsh station 38 (4200 ug/kg). These stations are in the general vicinity of each other on the west side of Brunswick, near LCP Chemical. CDF curves indicate concentrations are below 100 ug/kg in approximately 80 percent of the remainder of the study area.

Dioxins/furans were analyzed for in sediments at 14 river stations. 2,3,7,8 tetrachlorodibenzodioxin (TCDD), the most toxic dioxin isomer, was detected at stations 8, 30, 32, 41 and 48 with concentrations ranging from 1.1 to 4.0 ng/kg. Stations 8, 32 and 48 are on the west side of Brunswick, north of Andrews Island and south of LCP Chemical. Station 30 is at the mouth of Terry Creek on the east side of Brunswick and station 41 is located in Jekyll Creek south of St. Simons Sound. Toxic equivalent values (TEQs) ranged from 0 to 18 ng/kg with the stations containing TCDD having the highest values (10-18 ng/kg).

Fish

The mummichog Fundulus heteroclitis, was collected at 24 of the 81 river stations and analyzed for metals, PCBs/Pesticides and extractable organic compounds. Station 55, located near the mouth of the South Brunswick River, contained high levels of chromium (1.7 mg/kg). Other metals analyses revealed either low concentrations, or there was no comparative data.

Toxaphene was the only pesticide detected in fish. It was detected in duplicate samples taken from station 49 (Terry Creek), with concentrations of 19 and 27 mg/kg. Due to the toxic nature of toxaphene, this may be cause for further investigation at this site.

Non-toxic fatty acids normally found in fish tissue were the only extractable organic compounds detected.

1.0 INTRODUCTION

In December 1995 and in April 1996, as part of the Brunswick, Georgia Community Based Environmental Protection Study and at the request of the Waste Management Division, Region IV, the Science and Ecosystem Support Division (SESD), Ecological Assessment Branch (EAB) with assistance from the Enforcement and Investigations Branch (EIB) conducted a survey of the entire tidally influenced surface water and marsh areas surrounding the City of Brunswick.

The primary objective of the study was to characterize the spatial distribution and concentrations of chemical constituents within the tidal reaches of the study area. The surface water study area encompassed the Turtle River, the Brunswick River, the South Brunswick River, the East River, the Back River, the Frederica River and the Mackay River, as well as the adjacent tidal creeks. These various river systems will henceforth in this report be collectively referred to as 'river stations', unless otherwise noted. The 'marsh stations' refers to the sampling stations within the salt marshes adjacent to the above mentioned rivers. Chemical characterization efforts focused upon tidal surface water within the rivers, sediments in the rivers and the marsh and selected ecological indicators associated with the aquatic resources of the study area. Eighty-one sampling stations were randomly selected in the surface water areas and eighty sampling stations were randomly selected in the marsh areas utilizing EPA's Environmental Monitoring and Assessment Program (EMAP) approach (Overton, et al., 1992). Stations within the surface water and marsh areas were sampled and analyzed for the Target Analyte List (TAL) and Target Compound List (TCL) constituents (Table 4 and 5). Because an EMAP approach was utilized for station locations, cumulative distribution frequency (CDF) curves, which compare the concentrations of a constituent to the percentage of surface area within the study boundaries can be developed. The CDF curves coupled with GIS analysis give an indication of the areal extent of a particular constituent within the study boundaries. Metals analysis in river and marsh sediments provided the vast majority of concentration values above detectable limits, therefore CDF curves were only generated for metals and the PCB, aroclor 1268, found in river and marsh sediments (Graphs 20-35).

Once the analytical data was received from the lab, it was entered into SESD's Geographical Information System (GIS). Maps were then generated to indicate the spatial distribution as well as gradients of chemical constituents within the system. Figures were primarily generated for metals concentrations in sediment and fish as well as the Polychlorinated Biphenyl (PCB), Aroclor 1268 and dioxins/furans in sediments. Observed metal concentrations in sediment samples collected at Brunswick were also compared with regional concentrations for significance with an analysis of variance (ANOVA) at the $\alpha = 0.05$ or the 95% confidence level.

2.0 STUDY DESIGN

For sediments and surface water, the study approach involved a randomized sampling design. This design provided the basis for statistically establishing representative estimates of concentration and areal distribution of chemicals of concern in the tidal reaches of the study area. Using a probabilistic sampling design provided by the EMAP program of EPA, eighty sampling stations were randomly selected for the tidal marsh and eighty one stations were selected for the rivers, including their associated tidal creeks. Spacial distribution of the stations are shown in Figures 1, 2 and 3. Their geographical positions are provided in Tables 1 and 2. The project was divided into four phases. Phase one through three were completed November 27th through December 8th, 1995 and phase four was completed April 21-24, 1996.

2.1 Phase I - Surface Water Sampling

Phase I of the study involved collection of surface water samples from the surrounding rivers. Eighty-one stations were assigned to the rivers and associated tidal streams within the study area. These stations were separated into two sampling events, spatially distributed throughout the study area. Each sampling event was scheduled on a different day but on a similar tidal amplitude of the flood tide, due to the logistical problems associated with sampling a large number of stations concurrently. Sampling within each river segment occurred synoptically during the specified window of the tidal phase. Sampling of each surface water segment yielded approximately 40 water samples for analyses of the TAL and TCL constituents as well as for ultra trace levels of total mercury.

2.2 Phase II - River Sediment Sampling

Phase II of the study involved sampling sediments associated with the same stations identified in the surface water sampling but the sediments were not sampled synoptically with the tidal cycle. All sediment samples were analyzed for the TAL and TCL constituents, particle size was determined and dioxins were analyzed at selected stations.

2.3 Phase III - Biological (Fish) Sampling

Phase III of the sampling agenda involved collection of fish to help understand the extent and magnitude of contamination within the study area's tidal reaches. The mummichog, *Fundulus heteroclitis*, a killifish species, was chosen as the target species due to its ubiquitous distribution and importance in the marsh food chain. Fish were collected at 24 sampling stations (Figure 3). Composite whole-fish samples were prepared and submitted for TCL (other than volatile organic compounds) and TAL analyses.

2.4 Phase IV - Tidal Marsh Sediment Sampling

Phase IV of the sampling involved the tidal marsh areas of the study area and was completed in April 1996. Marsh sediments at each of the designated stations were sampled utilizing a helicopter with floats or with a boat at stations located adjacent to open water. Sediment samples were collected and analyzed for TAL and TCL constituents.

3.0 SAMPLING TASKS AND METHODS

Water, sediment and biological sampling activities during Phases I, II and III were completed with assistance from the EPA Ocean Survey Vessel, Peter W. Anderson. The ship complimented survey activities by serving as the communication center and primary staging area for on-site mobilization of water, sediment, and fish sampling. Six to seven smaller watercraft operated from the ship during the tidal phased water quality sampling as well as during the river sediment and biological efforts. Shipboard laboratory facilities functioned as preliminary sample handling, processing, and storage facilities. Diving activities, likewise, depended upon the ship's logistical support.

Only sediments were sampled in the marsh areas. A helicopter with floats was utilized for access to most of the 80 marsh stations because ambulatory access to marsh stations would have been difficult and potentially dangerous due to the extreme tidal range in the Brunswick area and a boat would have been unable to get through the marsh vegetation, Stations located adjacent to open water on the marsh/open water fringe were sampled by boat to minimize helicopter operating time and associated costs.

3.1 Surface Water Sampling

Surface water stations were sampled during slack high tide. This tidal phase was selected to allow maximum access to the upper reaches of the tidal creeks. To establish this sampling window, water level recorders were installed in the study area. Records from these recorders coupled with information from local National Ocean Survey (NOS) tide tables were used to predict the probable slack high tide periods for the sampling stations. Six field crews were staged throughout the study area and assigned an array of sites to be sampled in a designated sequence within a specified time window to help assure that all stations were sampled on approximately the same tidal stage. Because all eighty-one stations could not be sampled on one tidal cycle, half the stations were sampled on November 29th, and the other half were sampled on December 6th. All stations needed to be sampled on approximately the same tidal amplitude in order to duplicate the sampling regime as closely as possible. The closest date with approximately the same tidal amplitude as November 29th was December 6th, thus the delay between sampling of the first half of the stations and the sampling of the second half of the stations. Prior to the scheduled sampling effort, many stations along the marsh fringe were located with Global Positioning System (GPS) units and flagged to reduce navigation time during sampling. Representative stations were surveyed to determine if the water column was

stratified vertically due to variation in density. For purposes of sampling, the water column was considered to be in a fully mixed condition if salinity varied less than five parts per thousand (PPT) from surface to bottom. In the fully mixed condition, surface water grab samples were considered representative of the station. Based on this preliminary *in situ* sampling, all stations were considered fully mixed. Because the stations were considered equally mixed, no *in situ* water quality parameters were measured during the sampling effort. Samples were collected in appropriate containers and handled per standard operating procedures (US-EPA, 1991). Data Quality Objectives for surface water samples are provided in Table 6.

3.2 River Sediment Sampling

At each of the surface water stations, 2-3 replicate sediment samples (as required for adequate sample volume) were collected with either a coring or dredging device. Deep water sediment samples were collected by EPA SCUBA divers using stainless steel or teflon coring tubes. Samples from shallow water areas were collected using either coring tubes or a dredge. The depth of the bottom substrate sampled was restricted to approximately the top 15 centimeters (cm). Samples for volatile organic compound analysis were collected by divers in a four ounce septum-sealed glass container filled with laboratory deionized water. The container was opened for sampling, and sealed upon obtaining the sample, by the diver while under water.

Replicate samples were placed in a Standard Operating Procedure (SOP) cleaned glass pan and composited, with the exception of the volatile organic samples, which were treated as described above. Sub-samples of this composite were analyzed for the TAL/TCL constituents, sediment particle size, and total organic content according to methods identified in the SESD standard operating procedures (US-EPA 1990, US-EPA, 1991)

In addition to samples collected for particle size analyses at the designated river sample points, additional samples were collected for particle size analyses at points along transect lines. This was done in an attempt to map particle size distribution and then to correlate analytical results with sediment particle size. Particle size samples were collected at quarter points along a line transect extending perpendicular to the river flow and through the original designated sampling stations. At each quarter point along the transect, a grab sediment sample was collected for particle size analysis. Depth of penetration for particle size samples was approximately the top 15 centimeters of sediment.

Exploratory ANOVA statistical procedures were used to compare physical characteristics and sediment chemistry between stations. Comparisons were made between high, medium, and low chemical concentrations within the fine and coarse soil fractions. Data Quality Objectives for sediment samples are located in Table 6.

3.3 Tidal Marsh Sediment Sampling

Only sediments were collected at marsh stations and were analyzed for TAL/TCL constituents. Due to the daily six to eight foot tidal range, the salt marshes around Brunswick are inundated for brief periods twice daily. Therefore sampling water in the marsh was deemed inappropriate because the water that is inundating a station has a very short residence time and can be represented by the water found in the adjacent tidal creeks.

Due to the spatial distribution, time, effort and potential danger to personnel, a Bell Jet Ranger helicopter with floats, owned by the National Fish and Wildlife Service was leased to conduct the Brunswick marsh sampling. The helicopter greatly expedited this phase of sampling, allowing all of the marsh sampling to be completed in four days with only six personnel. A boat was also utilized to sample stations adjacent to open water along the marsh edge. The Georgia Department of Natural Resources/Department of Environmental Protection Field Office served as the base of operations for the marsh sampling. The United States Coast Guard provided flight following communications for the helicopter. The Helicopter pilot would check in with Coast Guard Dispatch each time the helicopter landed or took off to insure a speedy rescue in the unlikely event of an accident. Due to the limited space on board the helicopter and the inability to decontaminate bulky equipment during flight operations, marsh sediment samples were collected with stainless steel spoons, by digging a hole on site and mixing in the hole. Thick dense root mats in some locations prevented collecting samples of sufficient depth. In this situation, surface sediment was composited and mixed on the sediment surface. An unmixed grab sample was used for volatile organic analysis. Samples were analyzed for TAL/TCL constituents. Sampling of marsh sediments was not tidal stage dependent as was the case with surface water sampling. However, tidal stage information was utilized to facilitate helicopter or boat access to the fringe and interior marsh stations.

3.4 Biological (Fish) Sampling

The focus of the aquatic biota sampling was the mummichog, *Fundulus heteroclitis*, a killifish species. The mummichog was chosen due to its significance in the marsh food chain, its territoriality and its ubiquitous distribution within the marsh system. *F. heteroclitis* was collected on falling tides at the mouths of small tidal creeks at the creek's discharge point from the marsh. Minnow traps attached to a stake and orientated with the water flow provided the best results. Composite whole-fish samples were prepared (US-EPA, 1993a) and submitted for TCL and TAL analysis.

Data quality objectives for fish sampling activities for this project are listed in Table 6.

4.0 DISCUSSION AND RESULTS

Estuaries form the interface between freshwater and marine water. Dramatic changes in conductivity, salinity, pH, and sometimes, temperature occur along this dynamic gradient. Consequently, several biogeochemical processes in estuaries are possible including flocculation, dissolution of particulates, biological assimilation and mineralization, and sorption of elements and compounds by clay particles and organic matter (Stumm and Morgan 1981). For most coastal areas, and the Southern United States in particular, natural trace metal concentrations can vary widely. This is influenced for the most part by the type of base material that the sediments are generated from and the particle size. A coarse sandy or silicate material typically has much lower concentrations of trace metals than very fine clay fractions called aluminosilicates or phyllosilicates. Compounds critical in biogeochemical processes such as sulfates and carbonates are provided by incoming marine waters, whereas, nutrients, organic carbon, silicon (in the form of phyllosilicates), and iron come from out-flowing rivers and associated wetland systems. Phyllosilicates are clay minerals composed of silicon, aluminum, and other earth metals and bases such as magnesium, calcium, sodium, and potassium. Common phyllosilicates are mica, chlorite, talc, kaolinite, smectite, and vermiculite. They are predominantly found in the clay fraction ($<2\mu m$) of most soils and sediments. In addition, phyllosilicates are common colloids (or suspended solids) in the water column of riverine and estuarine ecosystems. Given the small size (thus high surface area) and cation exchange properties of phyllosilicates, their presence is conducive to absorption and adsorption of metals from natural and anthropogenic sources.

In general, phyllosilicates exhibit a net negative charge, and consequently, have a high affinity for cations such as heavy metals. The capacity of phyllosilicates to sequester heavy metals is dependent on their permanent and variable charge (Mitsch and Gosselink 1993, Stumm and Morgan 1981, and Tisdale et al. 1985). The cation exchange capacity (CEC) is a measure of this ability. However, if the cation concentration exceeds the CEC, excess cations remain in solution in the pore water or the water column. Estuarine environments tend to function as metals and contaminant sinks for both natural and anthropogenic sources due to positively charged metal ions in the water column precipitating out when they reach the higher pH's of the estuarine waters and are bound up by the negatively charged phyllosilicate clay particles in the estuarine sediments. This is particularly true in the anaerobic salt marsh sediments, which normally have very reduced conditions, high sediment pH, and therefore, a very strong affinity for metals. Due to the variability in sediment particle size, and accompanying metal binding capability, data results can be confusing. It is helpful to have a method of normalizing the data. In past studies conducted by the Ecological Assessment Branch, the relationship of particle size and/or organic matter to metals concentration has been utilized to help normalize results. Organic matter plays an important role in sequestration of metals. Function groups on organic particles responsible for the predominance of metal removal are phenolic and carbonylic side chains. In contrast to permanent charge exhibited by many clay minerals, organic carbon chains exhibit variable or pH-dependent charge. In general, the higher the pH of the surrounding water, the higher the hydroxyl (OH^-) concentration, consequently, the more

likely the organic carbon chain will have a net negative charge:

$$R - COOH + OH^- \text{ ----> } R - COO^- + H_2O \qquad (1)$$

The freshwater-marine water interface of the Georgia coast provides an excellent medium for this reaction to occur: organic carbon compounds carried by acidic, blackwater rivers merges with alkaline, marine waters.

In the Brunswick Study, a modified grain size analysis in which different sediment size fractions were combined in an attempt to deal with the volume of samples and the enormous amount of time involved in sample preparations and analysis, was conducted. Clays, silts and very fine sands were composited in one fraction called "fine" material. Everything larger than very fine sands was composited into a fraction called "coarse" material. This method resulted in less of a correlation with the fine material than would normally be expected due to the clay fraction being lumped together with coarser grain sizes, although there was still a strong correlation with metals to organic matter content (Graphs 13-19).

As mentioned above, metals have a strong association with phyllosilicate clay particles. Due to this association, along with the fact that aluminum is the second most abundant metal in the earth's crust, aluminum has been utilized in several studies to normalize data (Noakes, 1994, Windom, et al., 1987, Windom, et al., 1989). In A GUIDE TO THE INTERPRETATION OF METAL CONCENTRATIONS IN ESTUARINE SEDIMENTS, (Windom, 1987), uncontaminated estuarine sediments were collected from the Georgia and Florida coasts. Samples were analyzed, and aluminum vs. metals concentrations were developed using log transformed data. From these correlations, regional regression curves were developed utilizing the aluminum versus metals concentration ratios. These curves represent the normal aluminum to metals ratios found in the Southeast. Therefore if a metals concentration at a particular station is located above the 95% confidence bands, then there is a high probability that the concentration is from an anthropogenic source. Concentrations located within or below the 95% confidence bands can be considered within the normal range for the Southeast. Two exceptions to this technique are mercury and cadmium which do not seem to have a good correlation with aluminum. This methodology was utilized to normalize the Brunswick metals data and indicates that the majority of metal concentrations in the study area are within the normal regional levels (graphs 1-12). Sample stations are located on Figures 1, 2 and 3.

4.1 Surface Water Sampling Results

Very few contaminants of concern were detected in the water column. Most of the constituents evaluated in this study were below sample detection limits. Exceptions to this were the low level mercury analysis and some purgeable organic compounds. The only noticeable trend in the water column data was the low level mercury analysis.

4.1.1 Surface Water Metals

Except for base metals such as strontium, aluminum, calcium, magnesium, iron, sodium, and potassium, no other metals were detected (Appendix A-1). Low level mercury was a separate analysis and was detected at ranges of 2-11 ng/l (Figure 13). Higher concentrations of mercury, (>8 ng/l), were grouped on the upper end of the Turtle River, (Figure 13). Since sampling occurred on the high tide, this would indicate that these higher concentrations of mercury were being pushed upstream by the tide from an anthropogenic source downstream.

4.1.2 Surface Water PCB's/Pesticides

The only detectable PCB/Pesticide constituent was gamma-chlordane at station 48 (.0066 ug/l) and station 50 (.0072 ug/l) (Figure 1). All other constituents were below detection limits (Appendix A-2).

4.1.3 Surface Water Extractable Organic Compounds

Except for low concentrations of bis (2-ethlyhexyl) phthalate at stations 3 (240 ug/l) and 16 (16 ug/l) and naphthalene at station 72 (1.1 ug/l) (Figure 1), all other compounds were below sample detection limits (Appendix A-3).

4.1.4 Surface Water Purgeable Organic Compounds

Several purgeable organic compounds were detected, although at very low concentrations (Appendix A-4). Stations 6, 16, 19, 20, 21, and 23 contained toluene at levels below 2 ug/l. All of these stations except station 6 also contained (m- and/or p-) xylene at concentrations of approximately 1.0 ug/l. Station 21 contained 1,2,4-trimethylbenzene at 0.51 ug/l. Station 11 contained methyl butyl ketone (1.9 ug/l) and methyl isobutyl ketone (2.2 ug/l). Station 31 contained carbon disulfide at 1.5 ug/l. Station 49 contained methyl isobutyl ketone (6.7 ug/l), chloroform (2.0 ug/l) and carbon Tetrachloride (1.4 ug/l)

4.2 Sediment Sampling Results

The highest concentrations of analytes were metals in sediments, both in the river sediments and the marsh sediments (Appendix B-1, C-1). As expected, the marsh contained higher concentrations than the river (Figures 4-17). This indicates that the salt marshes are serving the function of filters, binding and storing contaminants, therefore protecting the surface estuarine waters of the Brunswick area. In the PCB/Pesticides data set, only Aroclor 1268 was found in the sediments.

4.2.1 Sediment Metals

Metals data were plotted in relation to Region 4's Waste Management Division's (WD) Screening Values (US-EPA, 1994) and NOAA's Effective Range-Median, (ER-M 94) values (Long, et al. 1994). The WD screening values are based primarily on the No Observable Effects Limit (NOEL 93) values (MacDonald, 1993), that is, values at which there were no toxic effects to test organisms observed in acute toxicity tests. The ER-M values represent the median range of toxicity values, based on many different toxicity tests of marine sediments around the U.S. during which, at concentrations above this value, effects were frequently or always observed in acute toxicity tests (Long, et al., 1991). The range of values plotted for the GIS generated figures are: (1) below sample detection limits; (2) detectable values up to the WD screening value (non toxic); (3) the WD screening value up to the ER-M value (slightly to moderately toxic) and (4) greater than the ER-M value (highly toxic). Again, the term "toxicity" as used here, is based on tests of marine test organisms in laboratory controlled conditions.

CDF curves were developed for each of the metals found in the river and marsh sediments. Although the CDF curves sometimes indicate a particular constituent to be widespread, the curves need to be read in context with the regional curves, which indicate normal expected ranges of a particular constituent.

Arsenic was detected throughout the system, mostly at levels slightly above the WD screening value of 8 mg/kg (Figures 4 and 5). CDF curves indicate that approximately 52 percent of the river sediments and 88 percent of the marsh sediments have concentrations above the WD screening value (Graphs 20 and 21). Station 5 in the marsh contained 48 mg/kg which put it slightly out of the regional curves developed for arsenic. All other values are well within their expected range (Graphs 1 and 2).

Cadmium was not detected in any of the river sediments. It was detected at only two marsh sampling stations: station 49 (2.1 mg/kg) and station 36 (1.5 mg/kg), (Figure 6). There are no regional curves for cadmium. The two stations, although higher than the WD screening value, are well below the ER-M of 9.6 mg/kg. Cadmium has a poor relationship to aluminum, and therefore was not plotted against the regional curves, nor were CDF curves developed.

Chromium is similar to arsenic in the system. It is ubiquitous throughout the system and at levels slightly higher than the WD screening value. CDF curves indicate that approximately 47 percent of the river sediments and 91 percent of the marsh sediments have concentrations higher than the WD screening value (Graphs 22 and 23). Concentrations are well below the 370 mg/kg ER-M level and within the normal regional range (Figures 7 and 8), (Graph 3 and 4).

Copper was detected at very low concentrations at all stations in the river and the marsh, except for marsh station 49, which had an elevated concentration of 130 mg/kg, (Figures 9

and 10). This concentration, (130 mg/kg), is almost half of the ER-M value of 270 mg/kg for copper. With the exception of marsh station 49, all data points are well within the regional curves. CDF curves indicate that all sediments in the river are below the WD screening value. Approximately 1 percent of the marsh sediments, which is represented by station 49 contains concentrations above the WD screening value (Graphs 24 and 25).

Lead concentrations were relatively low at all stations except station 49 in the river and station 49 in the marsh (Figures 11 and 12). CDF curves indicate that approximately 26 percent of the river sediments and 75 percent of the marsh sediments are greater than the WD screening value (Graphs 26 and 27). In actuality, concentration are only marginally greater than the screening value and all concentrations except for the above mentioned stations fall well within regional levels (Graphs 7 and 8). River station 49 and marsh station 49 both had concentrations of 120 mg/kg, which is more than double the ER-M value and well above the regional curves (Graphs 7 and 8)

The highest level of mercury in the river sediment (1.20 mg/kg) was at station 48 on Gibson Creek, (Figure 14) and the highest level of mercury in the marsh sediments (14.0 mg/kg) was at station 38 (Figure 15). Mercury concentrations at several stations were higher than the ER-M value of 0.71 mg/kg (Figures 14 and 15). Station 48 (1.20 mg/kg) in the river sediment and stations 32 (0.89 mg/kg), 38 (14.00 mg/kg) , and 49 (1.30 mg/kg) in the marsh sediment each contained concentrations higher than the ER-M value. Station 38 in the marsh, with a value of 14 mg/kg is nearly 20 times the ER-M value. CDF curves indicate that approximately 27 percent of the river sediments are above the WD screening value and approximately 3 percent of the river sediments are above the ER-M value (Graph 28). Approximately 4 percent of the marsh sediments contains concentrations of mercury greater than the ER-M value (Graph 29). Mercury has a poor relationship with aluminum, and therefore, was not plotted against the regional curves.

Nickel concentrations were low, (below the WD screening value), throughout the marsh and river, except for station 57 (44 mg/kg) in the marsh (Figures 16 and 17). This is indicated by the CDF curves as well, with approximately 2 percent of the marsh sediment concentrations above the WD screening value and none in the river sediments (Graphs 30 and 31). The concentration of nickel at station 57 is well above the screening value of 20.9 mg/kg, and close to the ER-M of 51.6 mg/kg. All concentrations except for those of station 57 fall within the regional curves for nickel (Graphs 9 and 10).

Zinc concentrations were fairly low in both the marsh and river sediments with the exception of station 49 (530 mg/kg) in the marsh, which is well above the ER-M of 410 mg/kg (Figures 18 and 19). CDF curves indicate approximately 12 percent of the river sediments and approximately 35 percent of the marsh sediments greater than the WD screening value (Graphs 32 and 33). Station 49 in the river sediments had a value of 170 mg/kg, which is well below the ER-M but falls above the regional curve (Graphs 11 and 12). This indicates levels above normal background.

4.2.2 Sediment PCB's/Pesticides

Araclor 1268 was the only compound detected in the PCB/pesticide database for both the river and marsh sediments (Appendix B-2 and C-2). Stations 8, 11, 12, 32, 44, 48, 68, 69 and 71 in the river sediments and stations 16, 18, 21, 23, 27, 32, 38, 40, and 74 in the marsh sediments each contained concentrations higher than 500 ug/kg. Stations 48 (1400 ug/kg) and 69 (5200 ug/kg) in the river sediments and station 38 (4200 ug/kg) in the marsh contained the highest concentrations of araclor 1268 (Figures 38 and 39). CDF curves indicate concentrations are below 100 ug/kg in approximately 80 percent of the study area (Graphs 34 and 35).

At station 49 toxaphene was listed as below detection limits, but at a very high sample detection limit of 70,000 ug/kg. This indicates that there may be high concentrations of some compound or group of compounds at this station of which toxaphene may be one of the constituents. Otherwise there were no other PCB or pesticide compounds detected.

4.2.3 Sediment Extractable Organic Compounds

Several non-toxic fatty acids normally found in fish tissue and other organic matter were detected. These included decanoic acid, hexadecanoic acid, hexadecenoic acid, pentadecanoic acid, octadecanoic acid and tetradecanoic acid. These acids, and hexadecanoic acid in particular, accounted for approximately 50 percent of the values in the river sediments and approximately 90 percent of the values in the marsh sediments. With the exception of fatty acids, the vast majority of analyses at most stations yielded below detection limit values (Appendix B-3, C-3). Eighteen stations in the river sediments contained concentrations of organic compounds above detectable levels. Of the eighteen stations, all but two stations contained less than five compounds. Station 49 contained fourteen compounds and station 77 contained eight compounds. Station 77 contained the only quantifiable value (pyrene 2700 ug/kg). All of the other values in the data set were estimated values. Pyrene has a NOEL value of 290 ug/kg and an ER-M value of 2600 ug/kg. Both station 49 and 77 contain values for benzo (A) anthracene, benzo (A) pyrene, chrysene and fluoranthene which are well above the NOEL value, but below the ER-M value, thus indicating a moderate level of toxicity at these stations. Only nine stations in the marsh sediments had detectable concentrations for compounds other than the fatty acids listed above. All concentrations are estimated values and most are low values. Station 4 contained the highest value in the data set (kaurenoic Acid 200,000 ug/kg estimated value). Following is a list of extractable organic compounds, (in addition to the fatty acids listed above), found in the river and marsh sediments.

COMPOUND	RIVER STATION	MARSH STATION

(3-and/or 4-)Methylphenol		BM066
Benzo (A) Anthracene	BR049,BR077	
Benzo (b and/or k) Fluoranthene	BR015,BR036,BR049,BR077	BM060
Benzo (GHI) Perylene	BR049,BR077	
Benzo (A) Pyrene	BR049,BR077	
Chloraniline	BR049	
Chrysene	BR049,BR077	
Fluoranthene	BR015,BR048,BR049,BR077	BM060
Indeno (1,2,3-cd) Pyrene	BR049,BR077	
Phenanthrene	BR015	
Phenol		BM066
(3- and/or 4-) Methylphenol		BM066
Pyrene	BR015,BR049,BR069,BR077	BM060
Tetramethylphenanthrene	BR049	
Dimethylbinaphthalene		BM008
Dimethyldinaphthalene		BM015
Dimethylheptanone		BM011,BM012, BM014
Methaqualone		BM031,BM033
Cyclododecanol		BM023,BM033, BM040
Benzeneacetic Acid		BM066
Kaurenoic Acid		BM004

4.2.4 Sediment Purgeable Organic Compounds

Acetone was detected at stations 13 (740 ug/kg), 52 (690 ug/kg), and 56 (1500 ug/kg) in the river sediments. Station 57 in the river sediments had an estimated concentration of 200 ug/kg of Thiobismethane. Thiobismethane was the only purgeable organic compound detected in the marsh sediments. It was detected at seventeen of the marsh station locations. Station 54 contained 20,000 ug/kg. Concentrations at a all other stations were 1000 ug/kg or less (Appendix B-4 and C-4).

4.3 Fish Sampling Results

The fish sampling effort was limited to the mummichog, (F. heteroclitis), since this species is likely to spend its life within a limited range. The fish sampling stations, a randomly selected subset of the river sampling stations (Figure 1) are shown in Figure 3. Its body concentrations of accumulatable anthropogenic compounds is more likely to reflect concentrations found in near-by waters and sediments than would the concentrations of compounds found in pelagic food-fish species that seasonally travel through estuarine waters. For this reason and since the mummichog forms a forage base for piscivorous fish, birds and mammals, it is a useful selection for this study.

Fish were analyzed as whole body. A consequence of analyzing whole body rather than fillet samples is the inclusion of mineralized bone tissue, which, due to its high concentration of calcium necessarily raises detection limits obtainable for other inorganic materials. Some sample detection limits that were obtained here would have been lower had samples not included bone.

4.3.1 Fish Metals

Copper (Figure 22), strontium, titanium, zinc (Figure 26), aluminum and manganese were detected in Fundulus samples from all or nearly all stations (Appendix D-1; Figure 3). Barium was detected in about half of the stations sampled. There are no criteria and little guidance on the effect of body burdens of these metals to fish. Vanadium was detected in Fundulus for station 70 only. Nickel (Figure 25) and chromium (Figure 21), were detected in fish only from station 55.

Chromium was present at only one station, (55), at a concentration of 1.7 mg/kg (Figure 21). Individual tissues of most species of fin fishes normally contain between 0.1 and 0.6 mg Cr/kg fresh weight (Hall et al. 1978). The US. Fish and Wildlife service has proposed a criterion of below 0.2 mg Cr/kg in animal tissues for the protection of selected resources (Eisler, 1986). Therefore, chromium may be present at an undesirable concentration in fish at station 55.

Lead was detected in fish only at station 48 (Figure 21) at a concentration of 0.19 mg/kg. Currently there is no protective criteria for concentrations of lead in whole fish.

Arsenic was detected in fish from stations 41, 48, 51 and 54 at concentrations that range from 1.0 to 2.0 mg/kg (Figure 20).

Mercury was detected in fish collected from all stations along the Turtle River and its tributaries as well as along the Frederica River (Figure 24). Mercury was not detected in fish from any station in the creeks immediately east of Brunswick or from stations south of the Brunswick River. Concentrations of mercury in fish ranged from 0.023 to 0.083 mg/kg. In general, mercury concentrations in fish are usually less than 1.0 mg/kg fresh tissue weight in organisms not directly exposed to anthropogenic sources (Eisler 1987).

4.3.2 Fish PCB's/Pesticides

Pesticides and PCBs were not detected in whole-body samples of F. heteroclitis except that toxaphene concentrations of 19 and 27 mg/kg were estimated in duplicate samples taken at the Terry Creek station (Station 49; Appendix D-2). Although there is limited information available linking fish tissue levels of toxaphene with biological effect, a Lake Michigan study found whole body concentrations of 5 to 10 mg/kg of toxaphene to be harmful to sensitive species of fresh water teleosts (Schmidt et al. 1983). In laboratory studies, Brook Trout Salvelinus fontinalis, tissue residues exceeding 0.4 mg/kg of toxaphene were associated with reductions in growth, abnormal bone development and reduced fecundity (Mayer and Mehrle, 1977). In another study, Brown Trout eggs containing 0.9 mg/kg of toxaphene had drastically reduced survival when compared with controls (Cohen et al. 1982). Therefore, the levels of toxaphene found in Fundulus at station 49 should be considered harmful.

4.3.3 Fish Extractable Organic Compounds

The only extractable organic compounds that were identified in fish analyses were seven non-toxic fatty acids which are natural components of biological systems.

4.4 Dioxins/furans in River Sediments

The most toxic component of the dioxin series, 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) is considered the most potent known animal carcinogen. Fish are among the most sensitive animals to TCDD and related compounds (US-EPA, 1993b). TCDD was detected in sediments sampled in this study area (Figure 24) at concentrations ranging from 1.1 to 5.0 ng/kg. There is a low risk to fish, mammalian wildlife and avian wildlife when sediment concentrations are 60, 2.5, and 21 ng/kg of TCDD respectively, and a high risk to these animal groups when sediment concentrations are 100, 25, and 210 ng/kg of TCDD respectively (US-EPA, 1993b).

Toxic Equivalent Values (TEQs) are calculated including all dioxin isomers identified in a sample, weighted to reflect their relative toxicities. TEQs for stations sampled during this study range from zero to an estimated value of 18 (Figure 40).

5.0 FIGURES

FIGURE 1: River Sampling Stations
FIGURE 2: Marsh Sampling Stations
FIGURE 3: Fish Sampling Stations
FIGURE 4: Arsenic in River Sediments
FIGURE 5: Arsenic in Marsh Sediments
FIGURE 6: Cadmium in Marsh Sediments
FIGURE 7: Chromium in River Sediments
FIGURE 8: Chromium in Marsh Sediments
FIGURE 9: Copper in River Sediments
FIGURE 10: Copper in Marsh Sediments
FIGURE 11: Lead in River Sediments
FIGURE 12: Lead in Marsh Sediments
FIGURE 13: Low Level Mercury in Water
FIGURE 14: Mercury in River Sediments
FIGURE 15: Mercury in Marsh Sediments
FIGURE 16: Nickel in River Sediments
FIGURE 17: Nickel in Marsh Sediments
FIGURE 18: Zinc in River Sediments
FIGURE 19: Zinc in Marsh Sediments
FIGURE 20: Arsenic in Fish
FIGURE 21: Chromium in Fish
FIGURE 22: Copper in Fish
FIGURE 23: Lead in Fish
FIGURE 24: Mercury in Fish
FIGURE 25: Nickel in Fish
FIGURE 26: Zinc in Fish
FIGURE 27: 2,3,7,8 Tetrachlorodibenzodioxin (TCDD) in River Sediments
FIGURE 28: Tetrachlorodibenzodioxin (Total) in River Sediments
FIGURE 29: Pentachlorodibenzodioxin (Total) in River Sediments
FIGURE 30: Hexachlorodibenzodioxin (Total) in River Sediments
FIGURE 31: Heptachlorodibenzodioxin (Total) in River Sediments
FIGURE 32: Octachlorodibenzodioxin (Total) in River Sediments
FIGURE 33: Terachlorodibenzofuran (Total) in River Sediments
FIGURE 34: Pentachlorodibenzofuran (Total) in River Sediments
FIGURE 35: Hexachlorodibenzofuran (Total) in River Sediments
FIGURE 36: Heptachlorodibenzofuran (Total) in River Sediments
FIGURE 37: Octachlorodibenzofuran (Total) in River Sediments
FIGURE 38: Aroclor 1268 in River Sediments
FIGURE 39: Aroclor 1268 in Marsh Sediments
FIGURE 40: Dioxin Toxic Equivalency Values (TEQ) in River Sediments

BRUNSWICK COMMUNITY STUDY 12/95

RIVER SAMPLING STATIONS

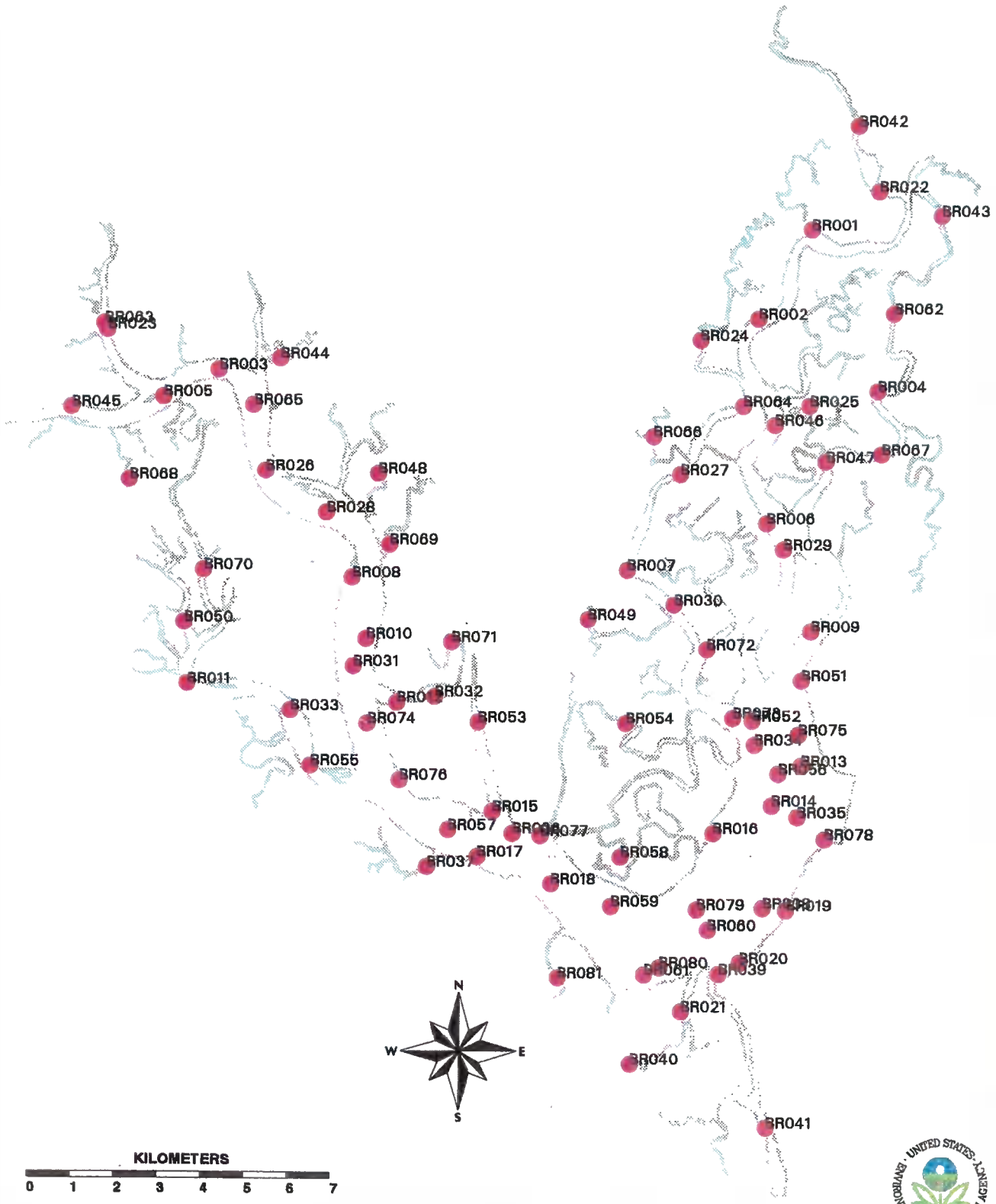

FIGURE 1

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MARSH SAMPLING STATIONS

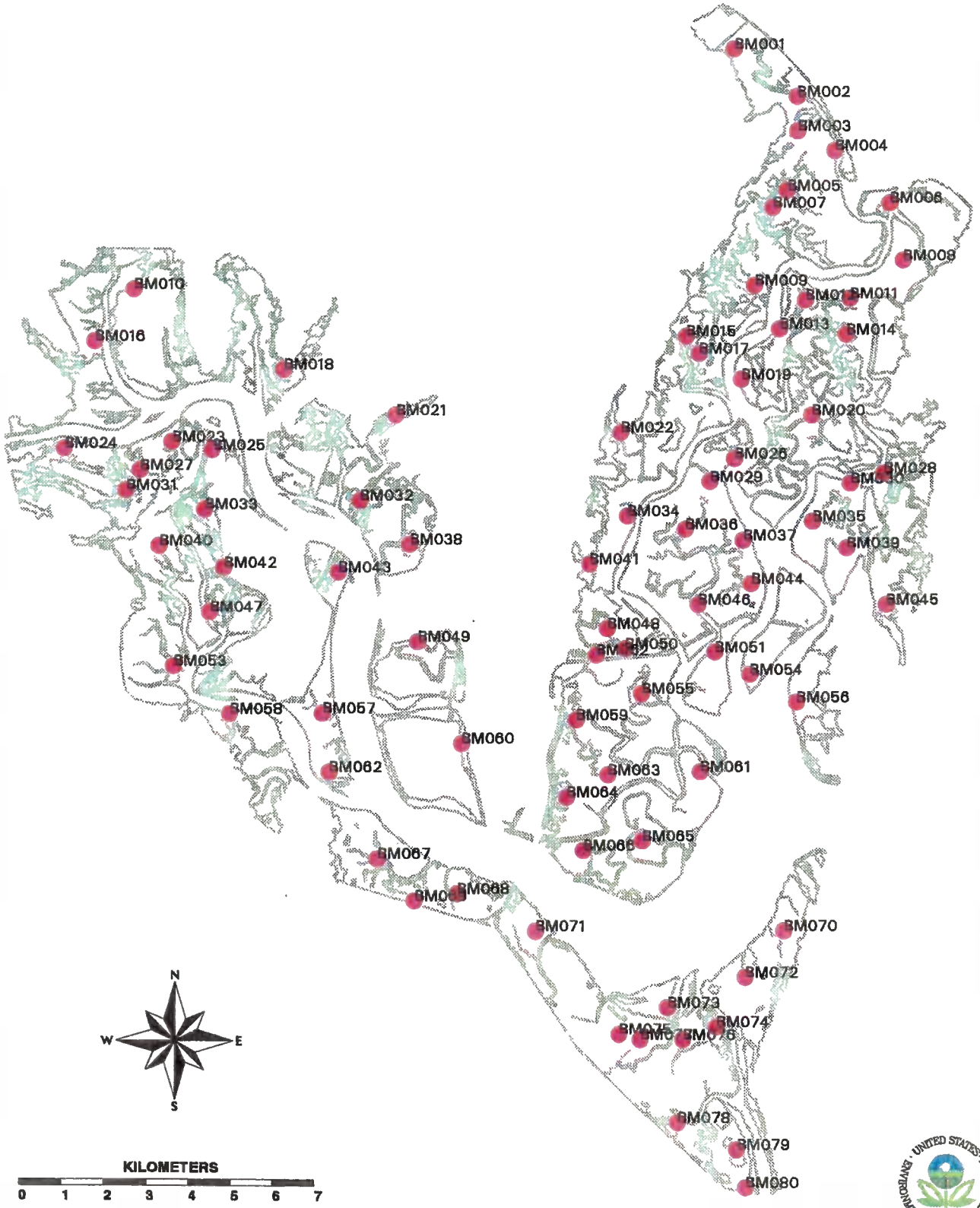

FIGURE 2

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FISH SAMPLING STATIONS

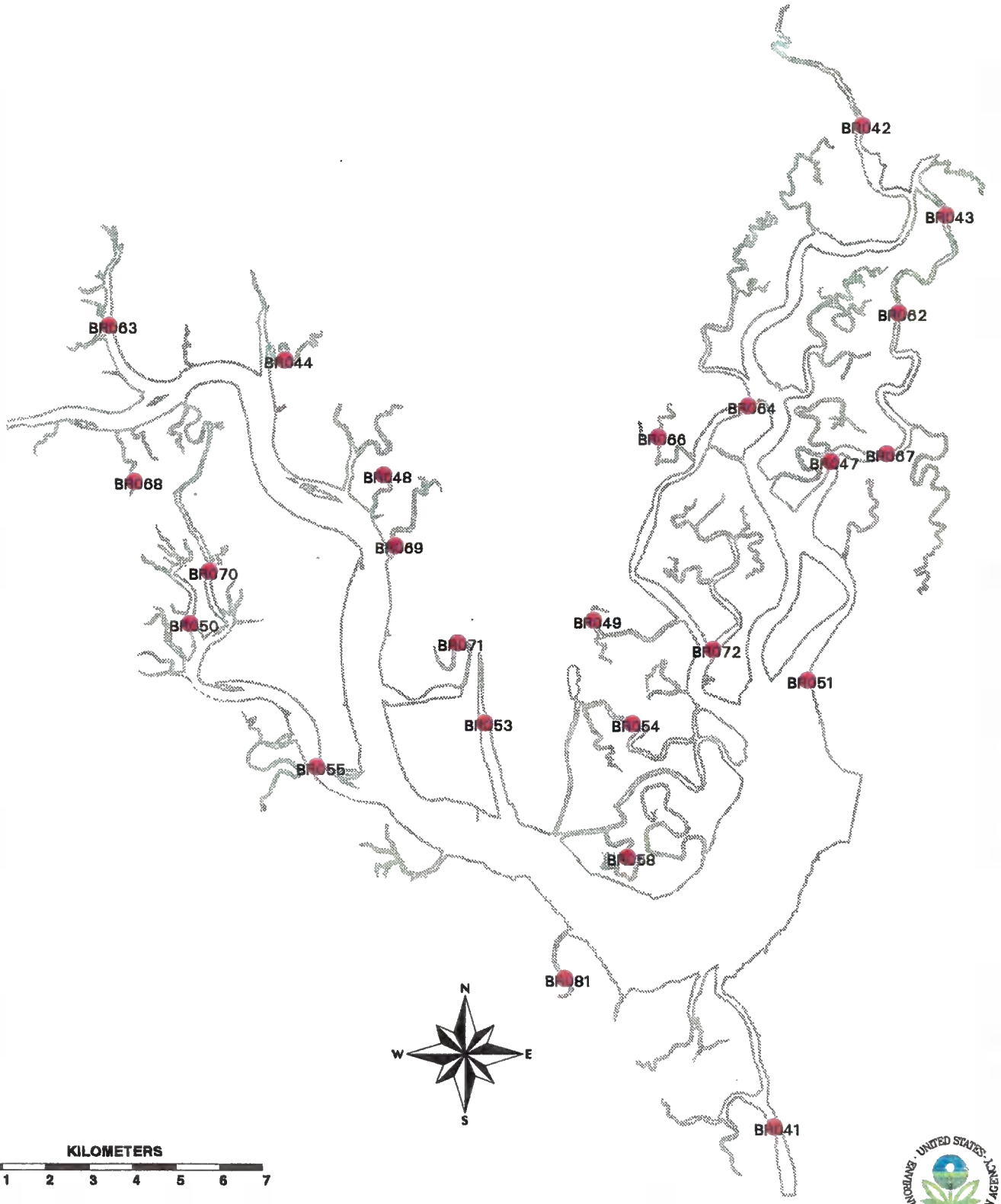

FIGURE 3

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ARSENIC IN RIVER SEDIMENTS

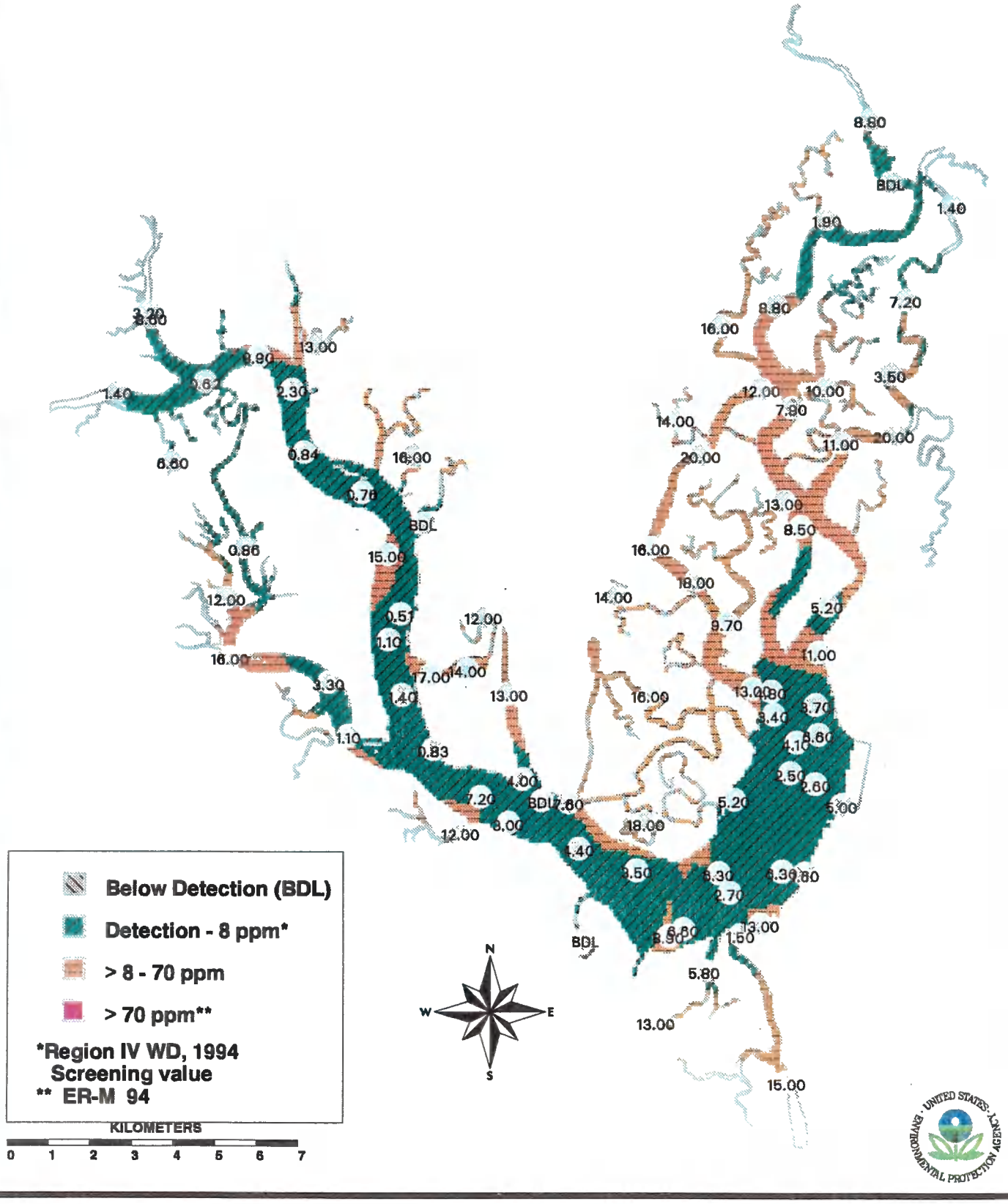

FIGURE 4

BRUNSWICK COMMUNITY STUDY 12/95

ARSENIC IN MARSH SEDIMENTS

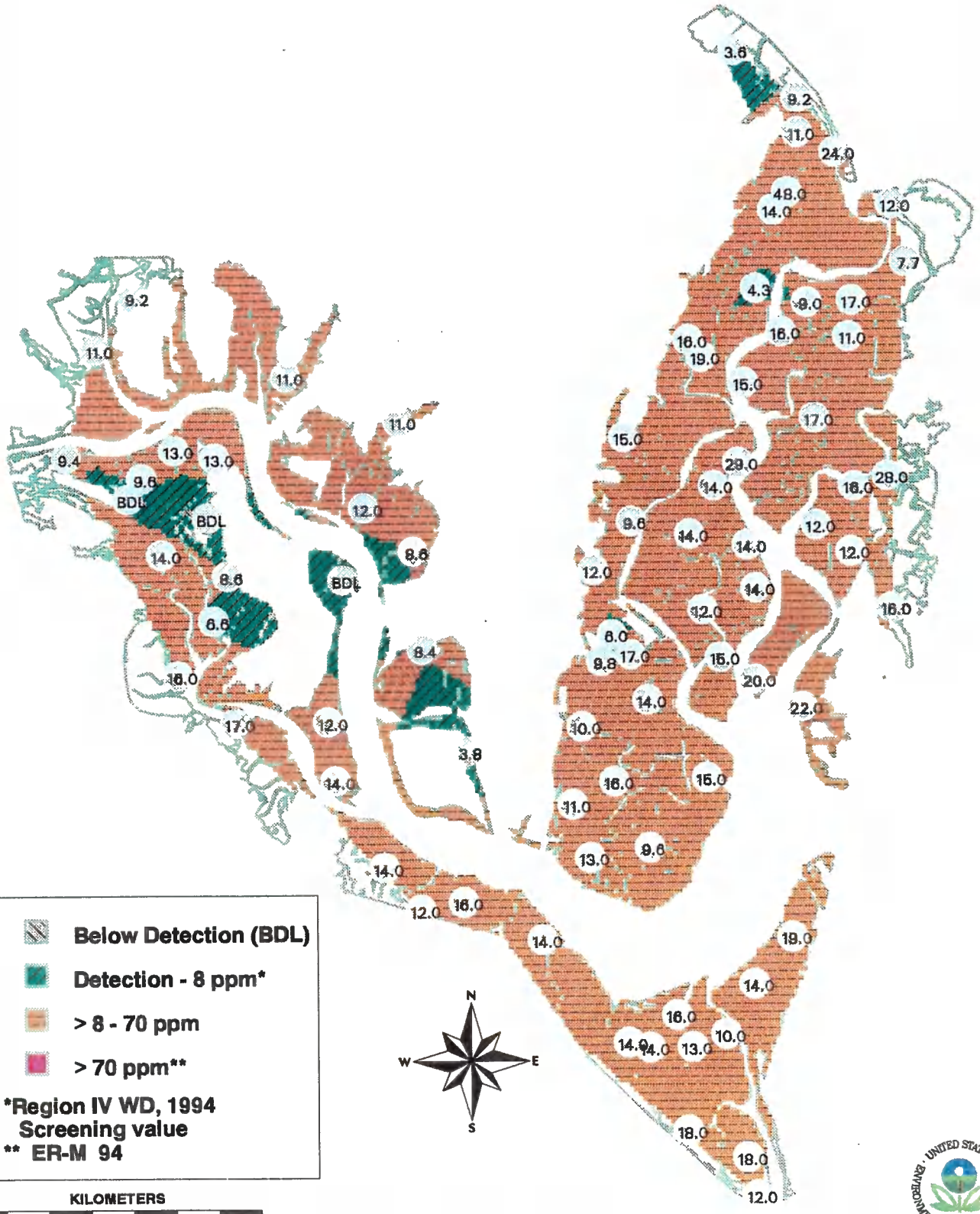

FIGURE 5

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CADMIUM IN MARSH SEDIMENTS

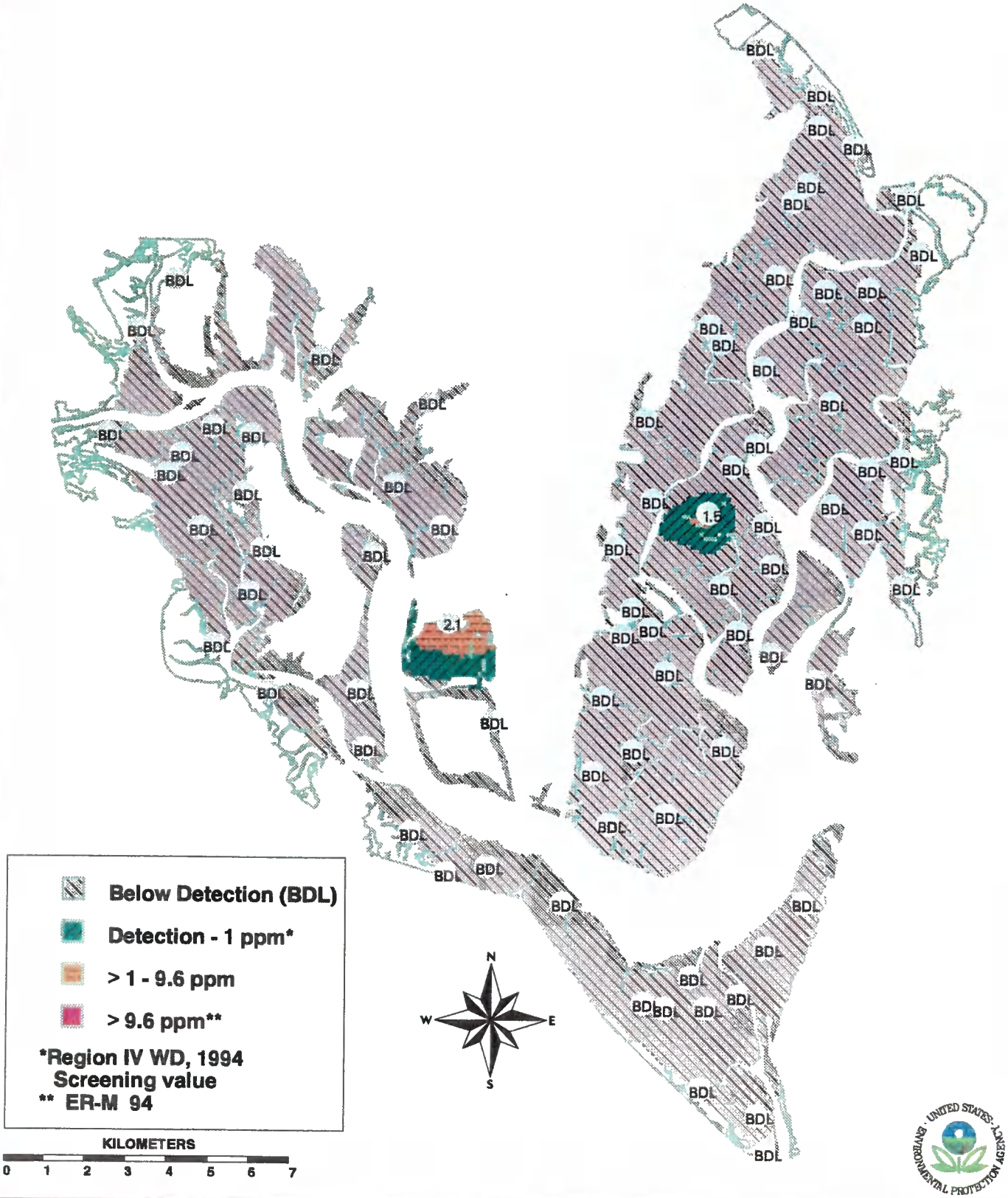

FIGURE 6

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CHROMIUM IN RIVER SEDIMENTS

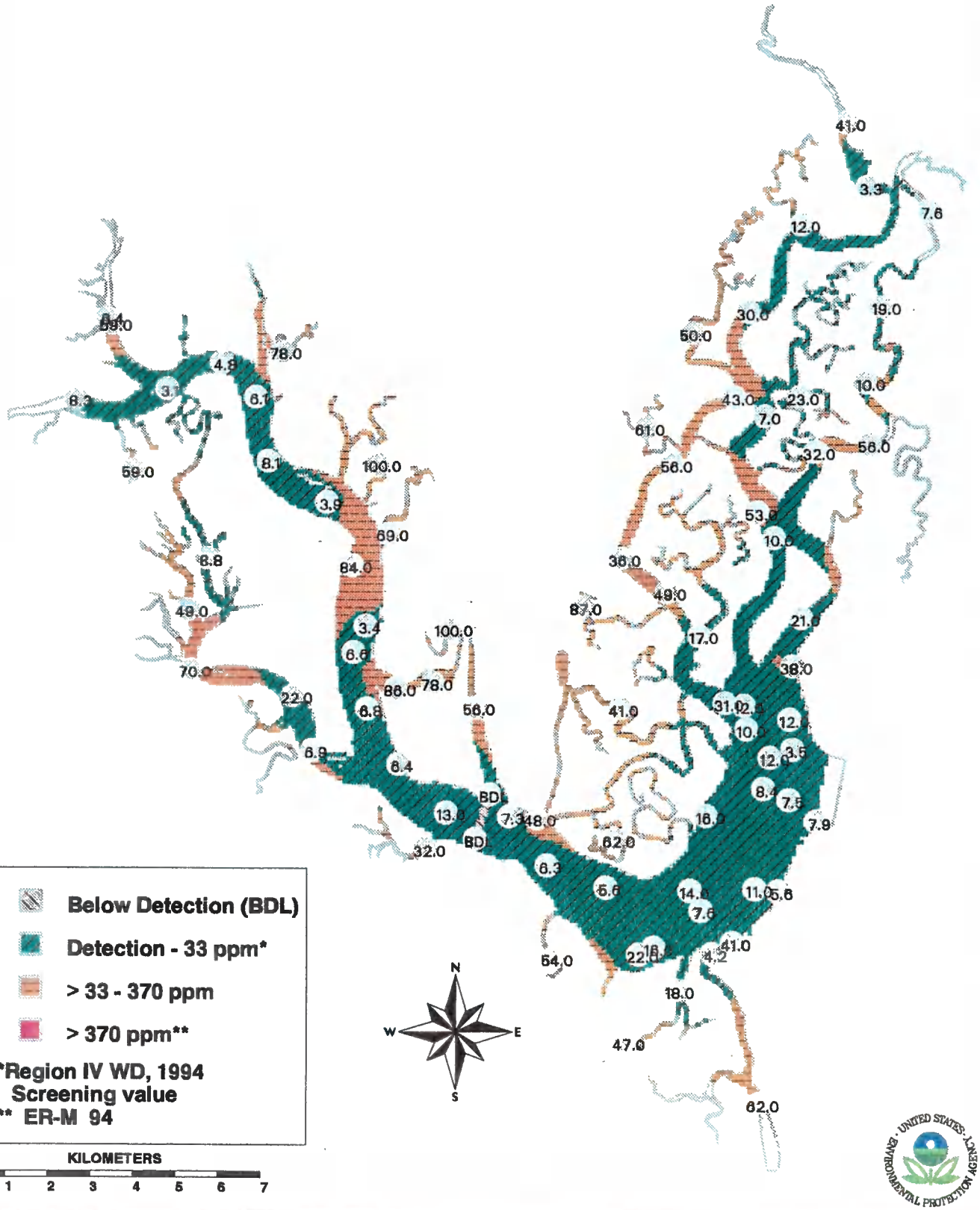

FIGURE 7

BRUNSWICK COMMUNITY STUDY 12/95

CHROMIUM IN MARSH SEDIMENTS

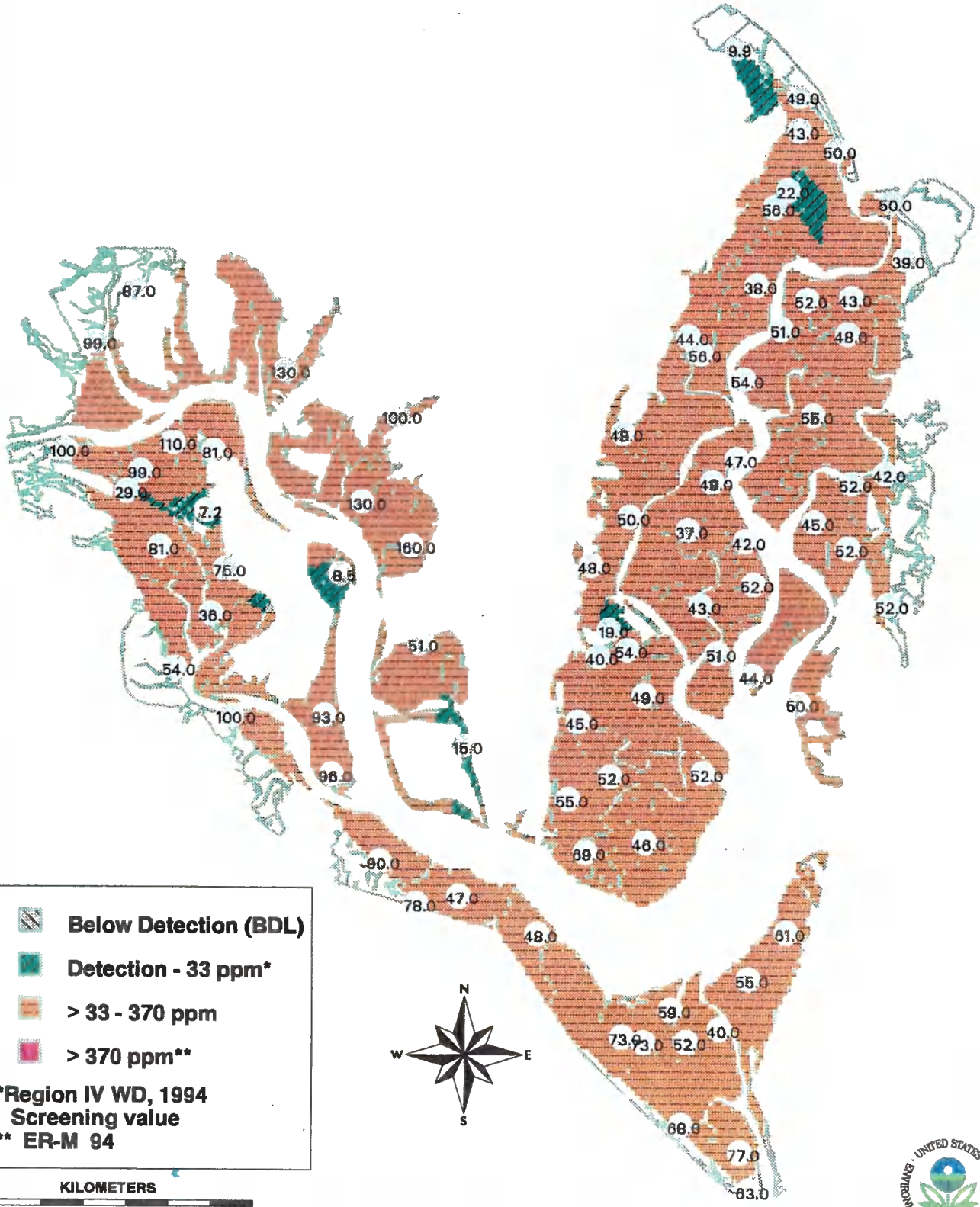

FIGURE 8

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COPPER IN RIVER SEDIMENTS

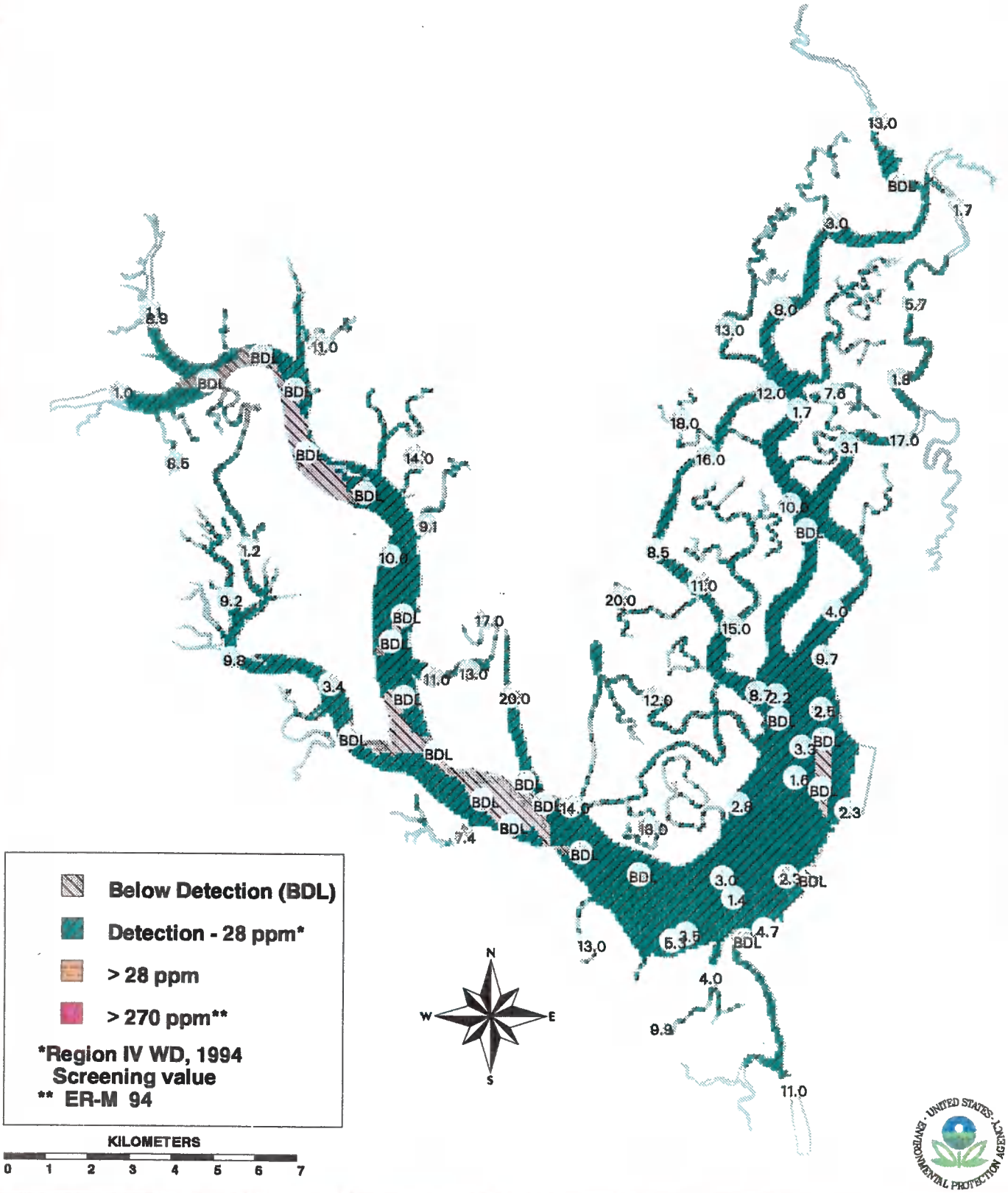

FIGURE 9

BRUNSWICK COMMUNITY STUDY 12/95

COPPER IN MARSH SEDIMENTS

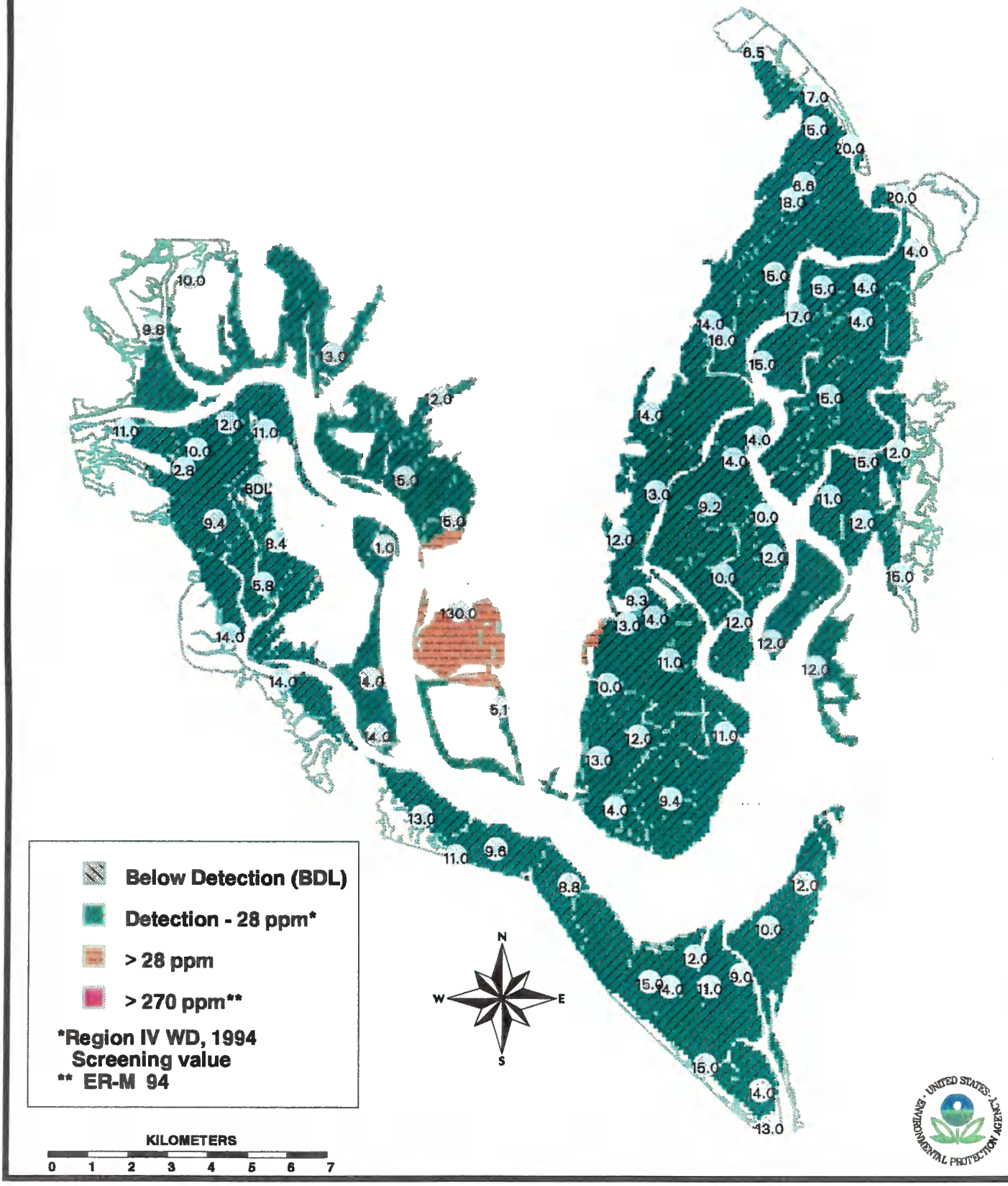

FIGURE 10

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LEAD IN RIVER SEDIMENTS

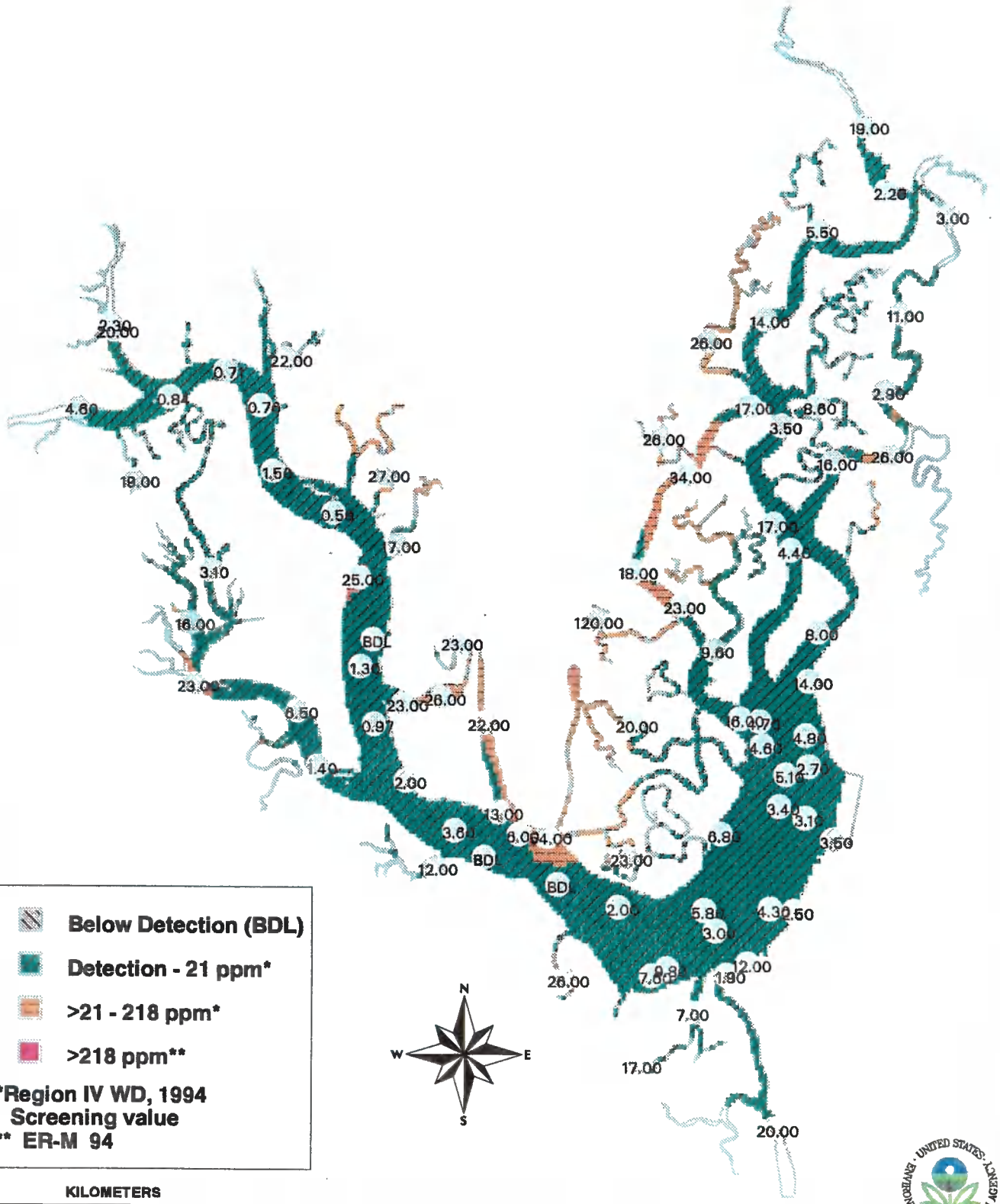

FIGURE 11

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LEAD IN MARSH SEDIMENTS

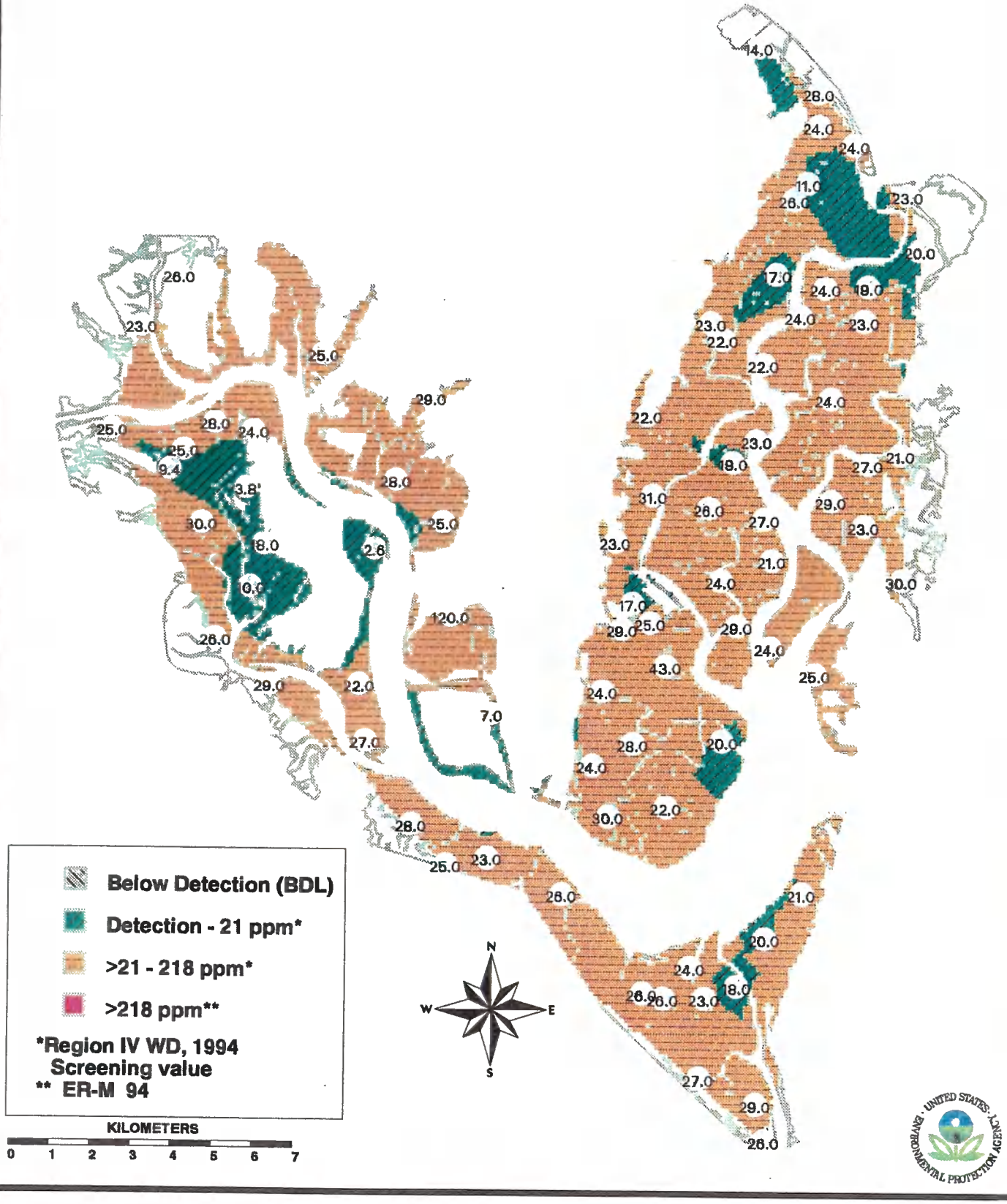

FIGURE 12

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LOW LEVEL MERCURY IN WATER

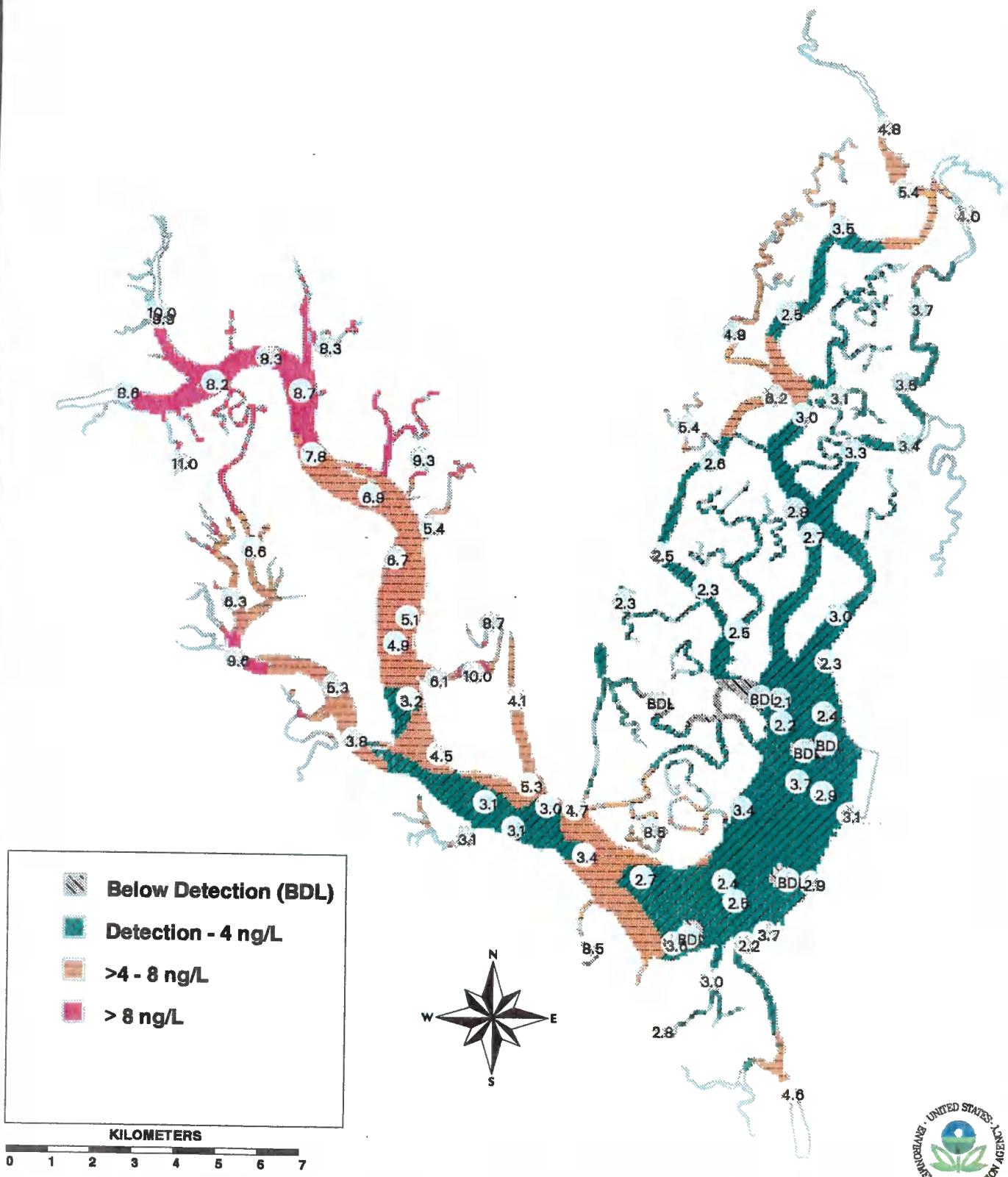


FIGURE 13

BRUNSWICK COMMUNITY STUDY 12/95

MERCURY IN RIVER SEDIMENTS

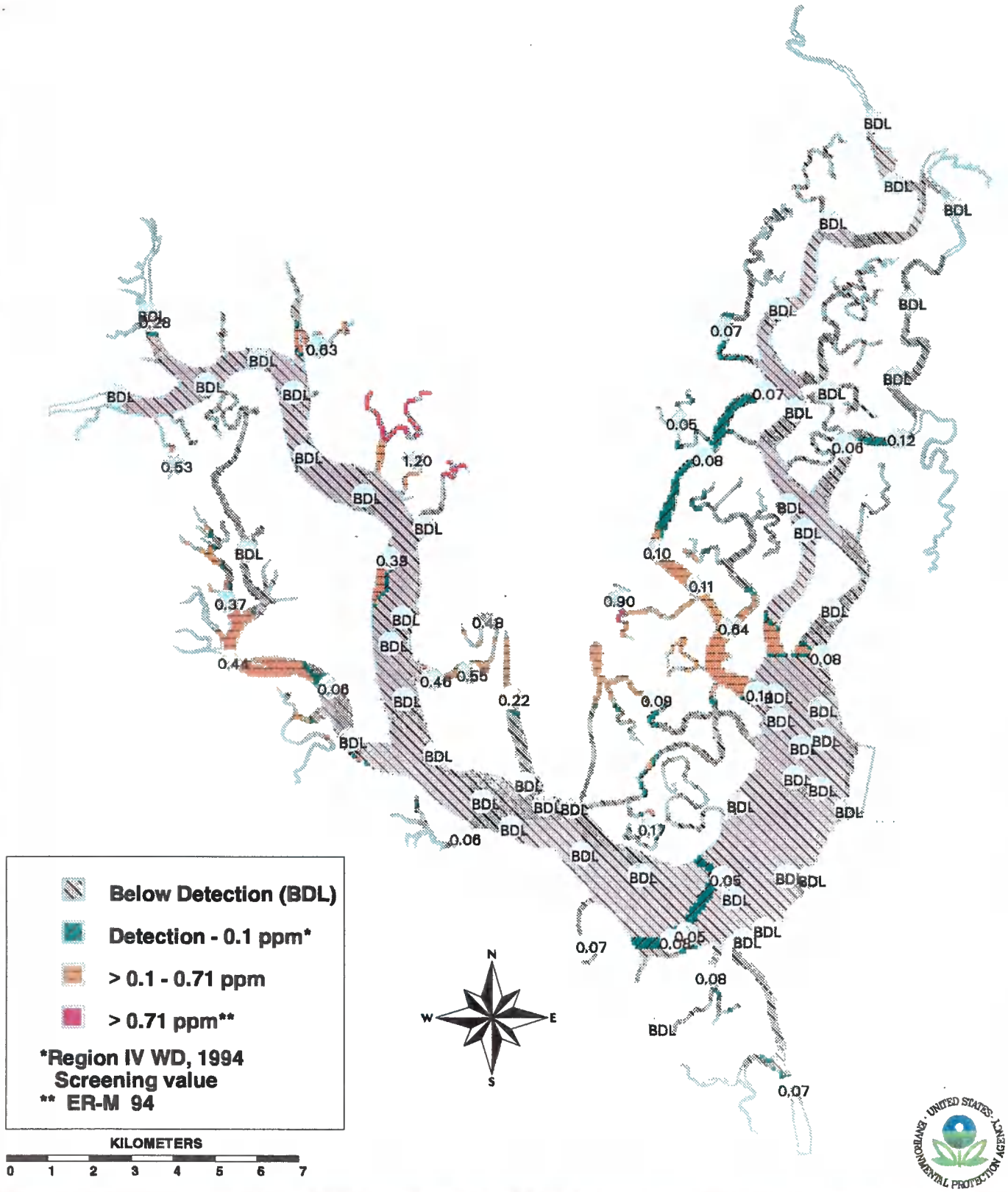


FIGURE 14

BRUNSWICK COMMUNITY STUDY 12/95

MERCURY IN MARSH SEDIMENTS

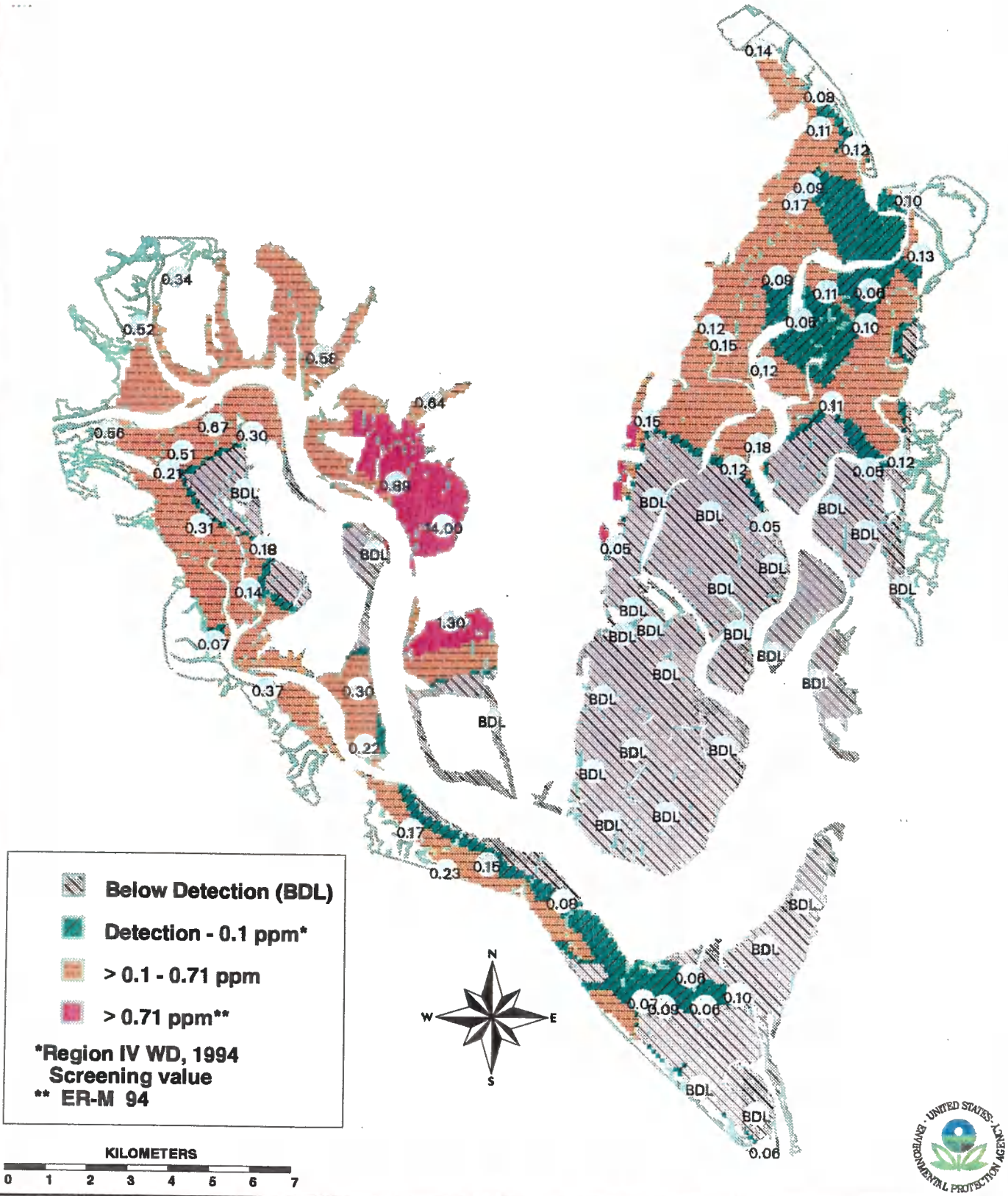


FIGURE 15

BRUNSWICK COMMUNITY STUDY 12/95

NICKEL IN RIVER SEDIMENTS

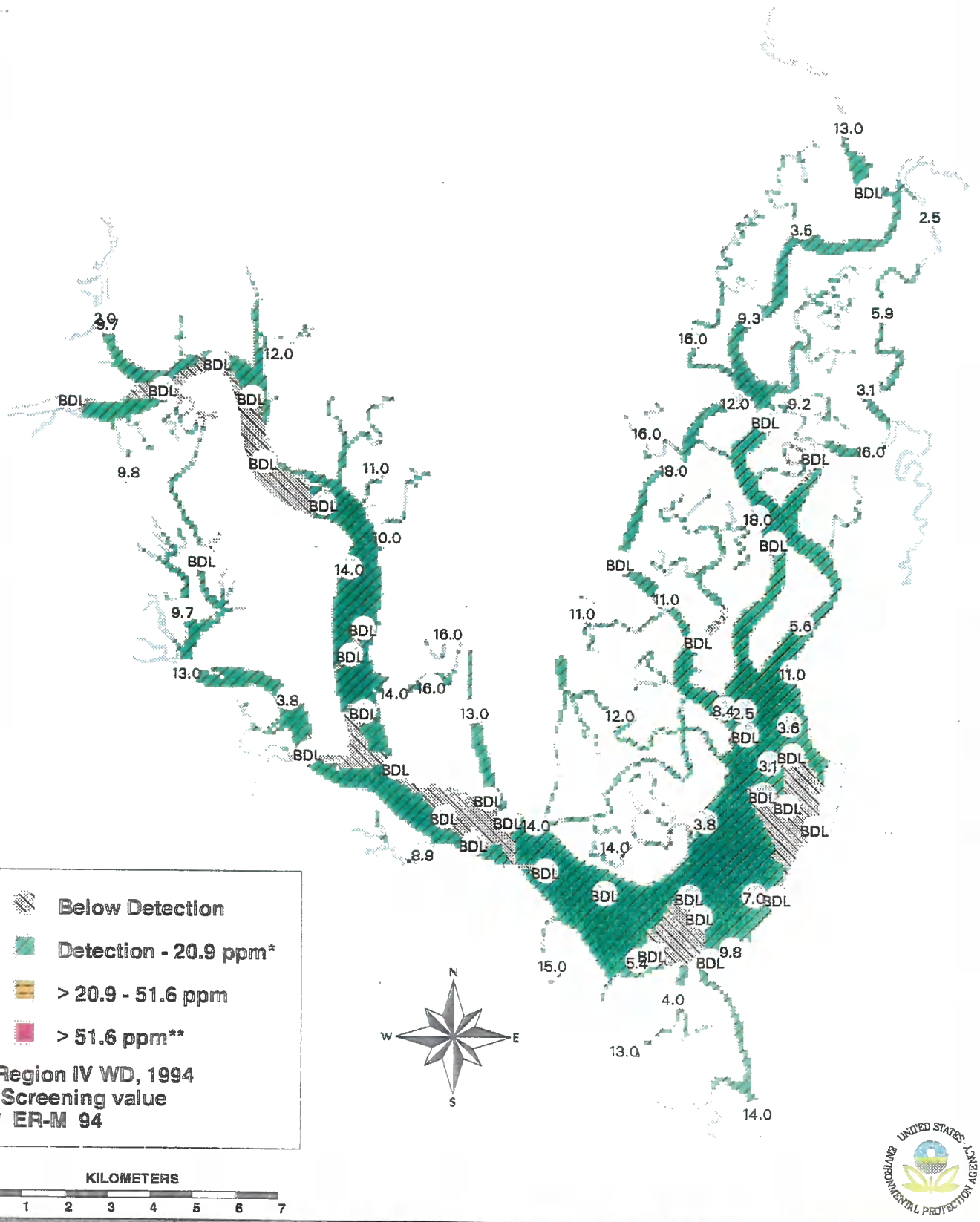


FIGURE 16

BRUNSWICK COMMUNITY STUDY 12/95

NICKEL IN MARSH SEDIMENTS

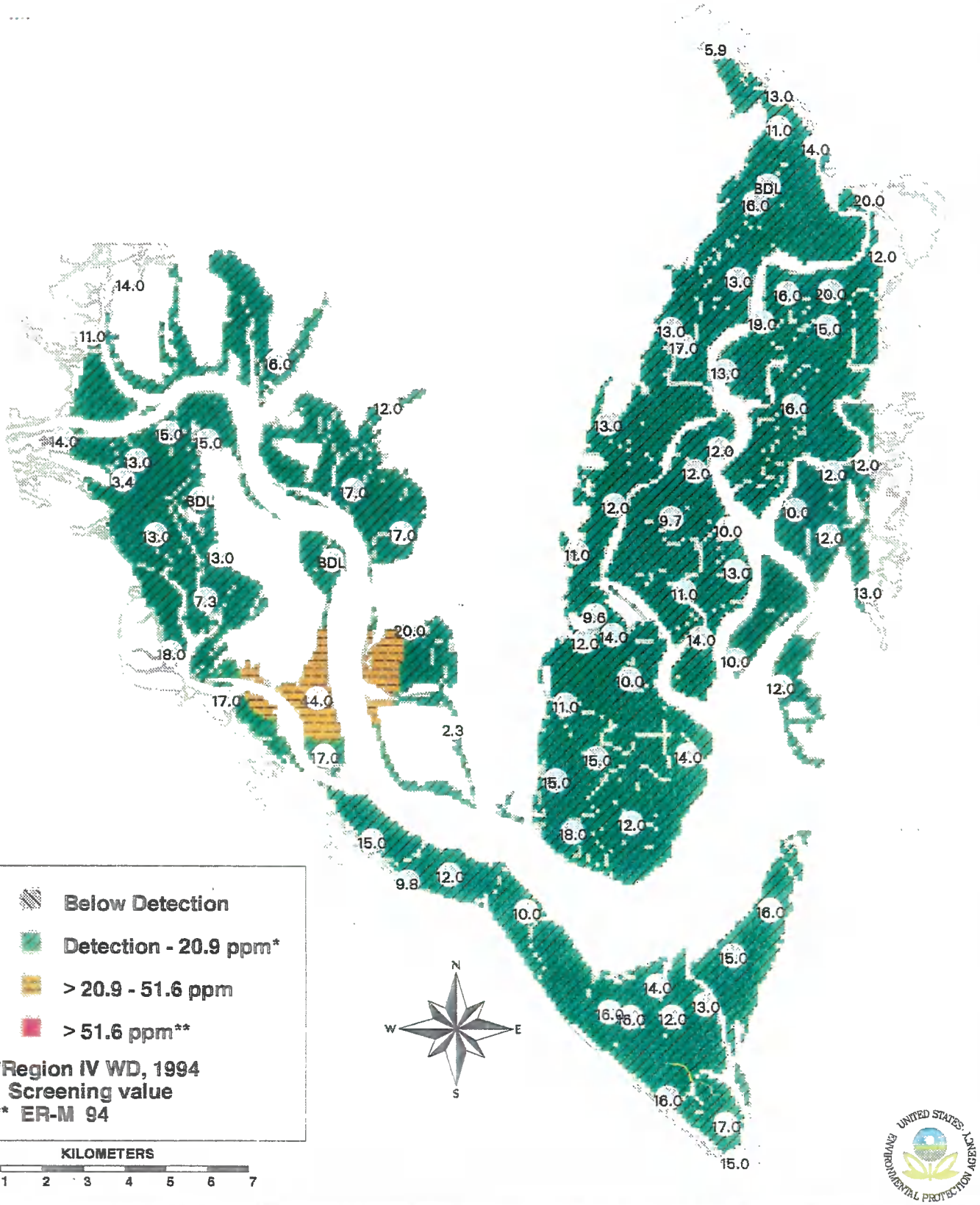


FIGURE 17

BRUNSWICK COMMUNITY STUDY 12/95

ZINC IN RIVER SEDIMENTS

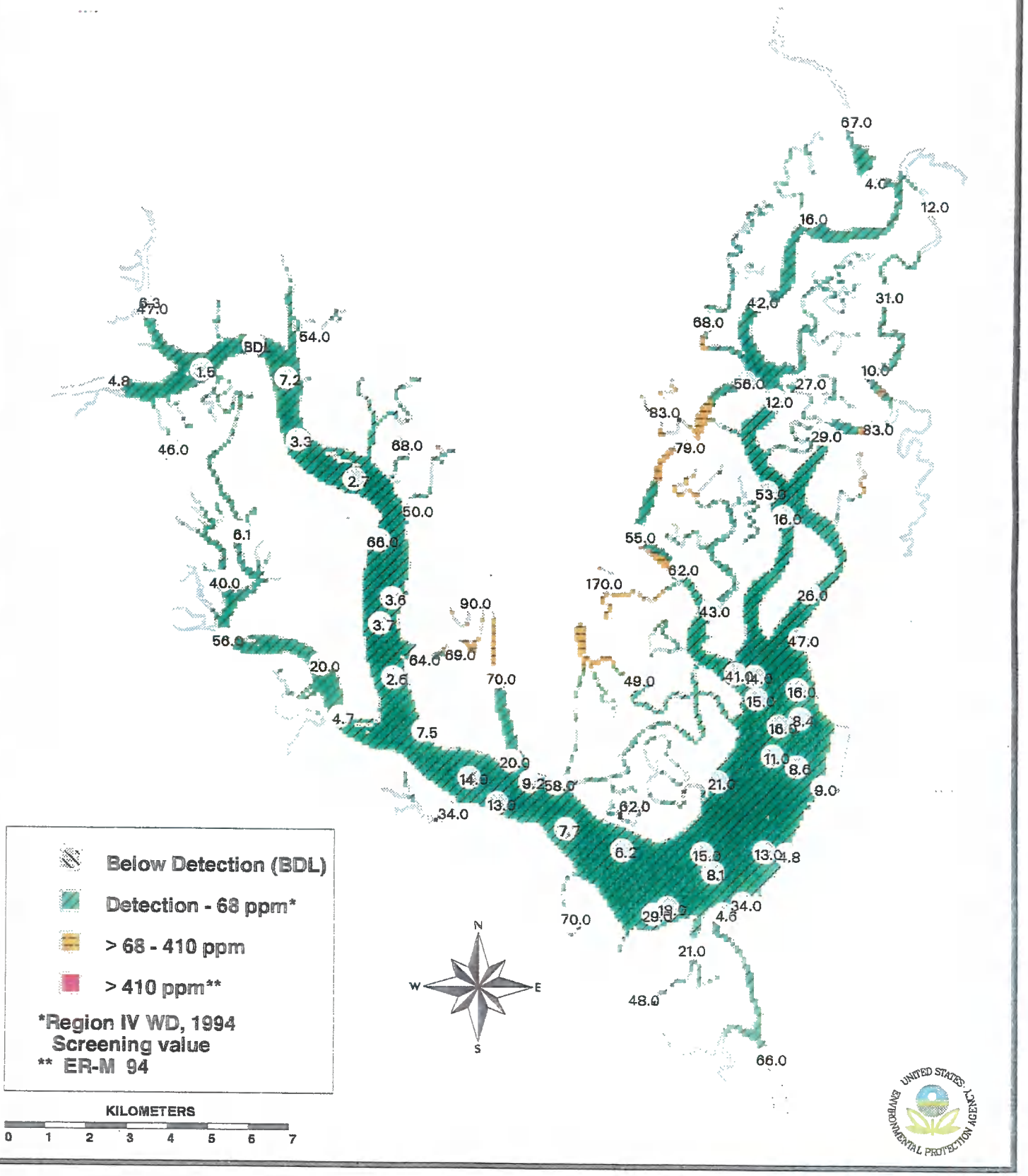


FIGURE 18

BRUNSWICK COMMUNITY STUDY 12/95

ZINC IN MARSH SEDIMENTS

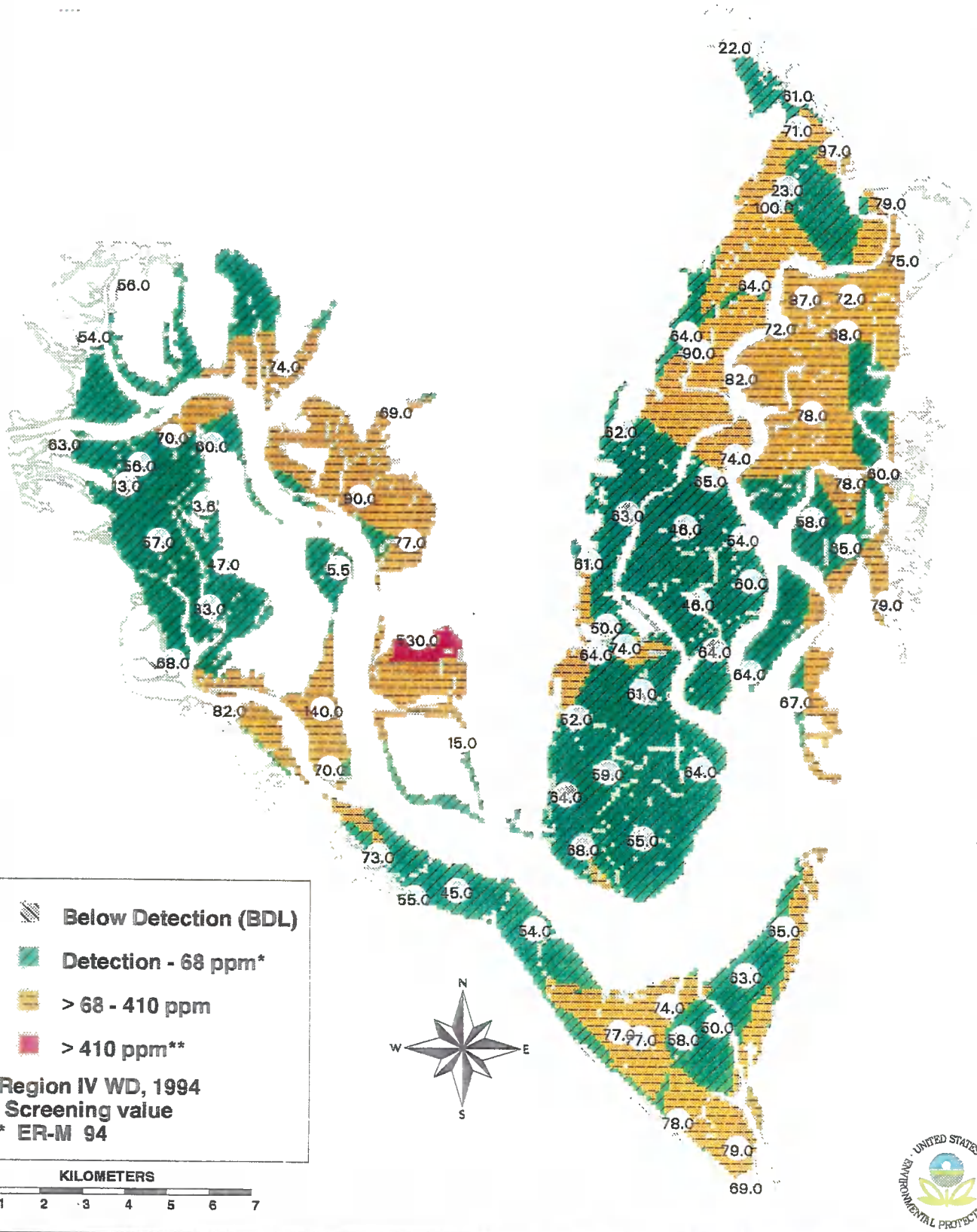


FIGURE 19

BRUNSWICK COMMUNITY STUDY 12/95

ARSENIC IN FISH

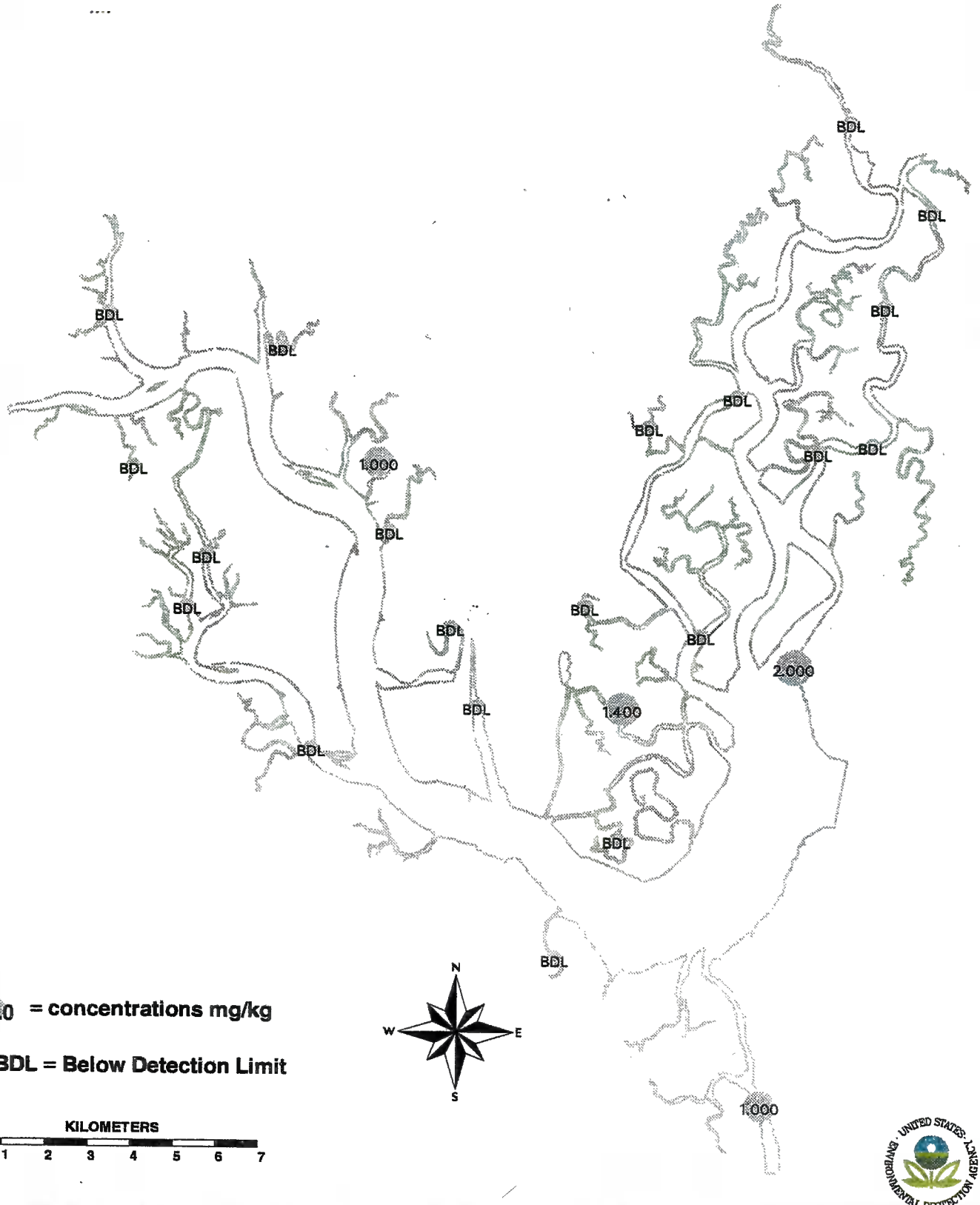


FIGURE 20

BRUNSWICK COMMUNITY STUDY 12/95

CHROMIUM IN FISH

FIGURE 21

BRUNSWICK COMMUNITY STUDY 12/95

COPPER IN FISH

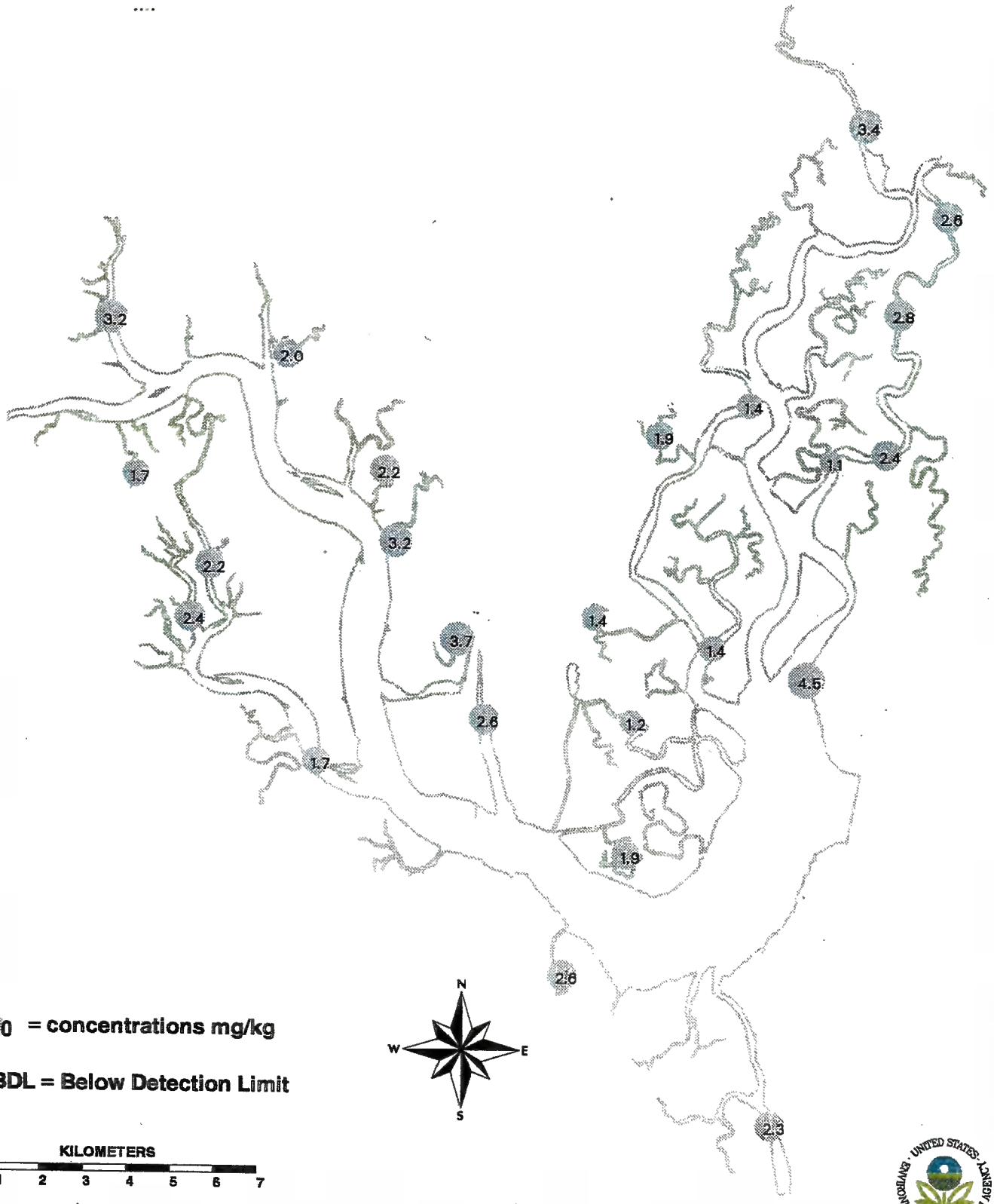


FIGURE 22

BRUNSWICK COMMUNITY STUDY 12/95

LEAD IN FISH

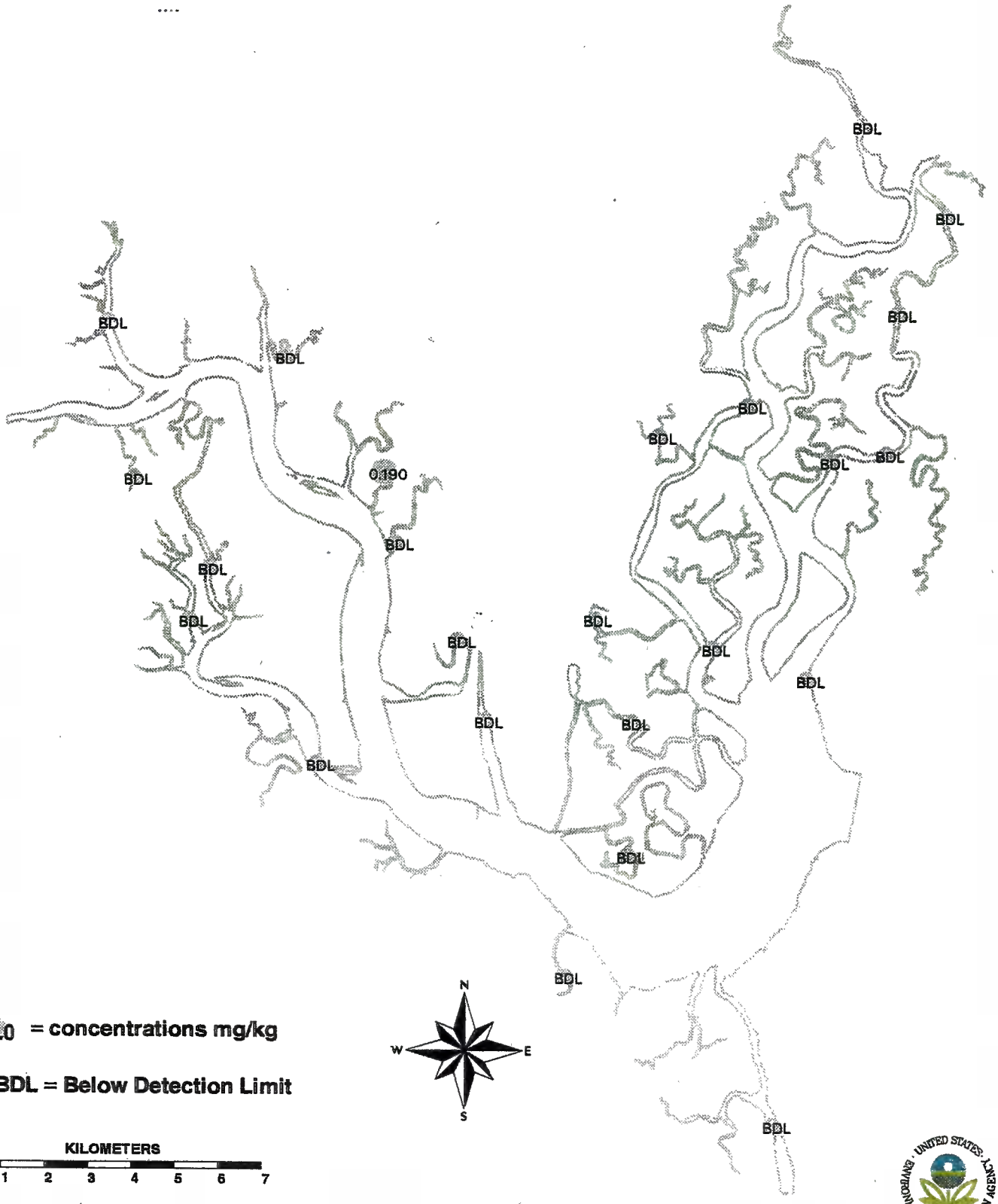


FIGURE 23

BRUNSWICK COMMUNITY STUDY 12/95

MERCURY IN FISH

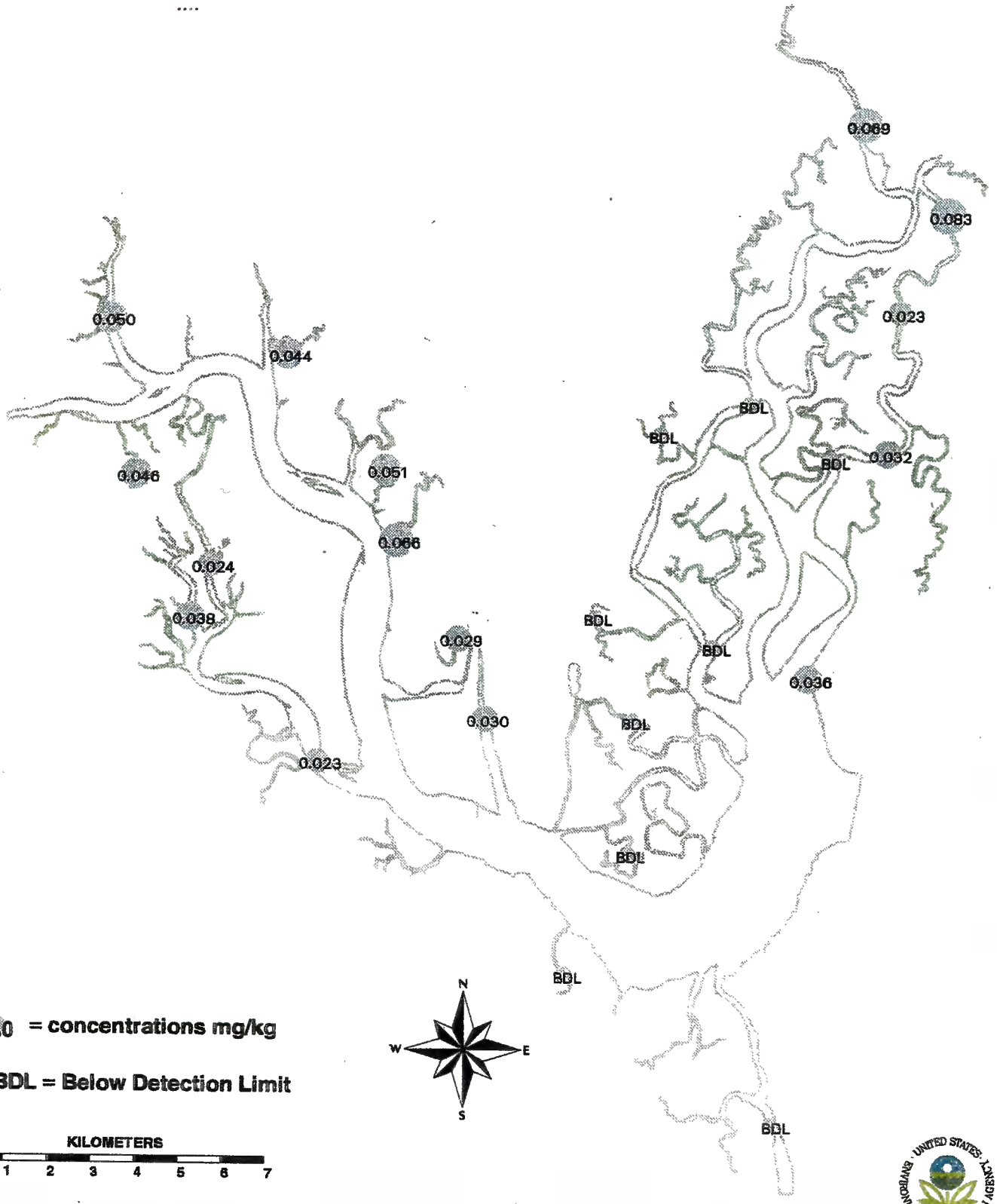


FIGURE 24

BRUNSWICK COMMUNITY STUDY 12/95

NICKEL IN FISH

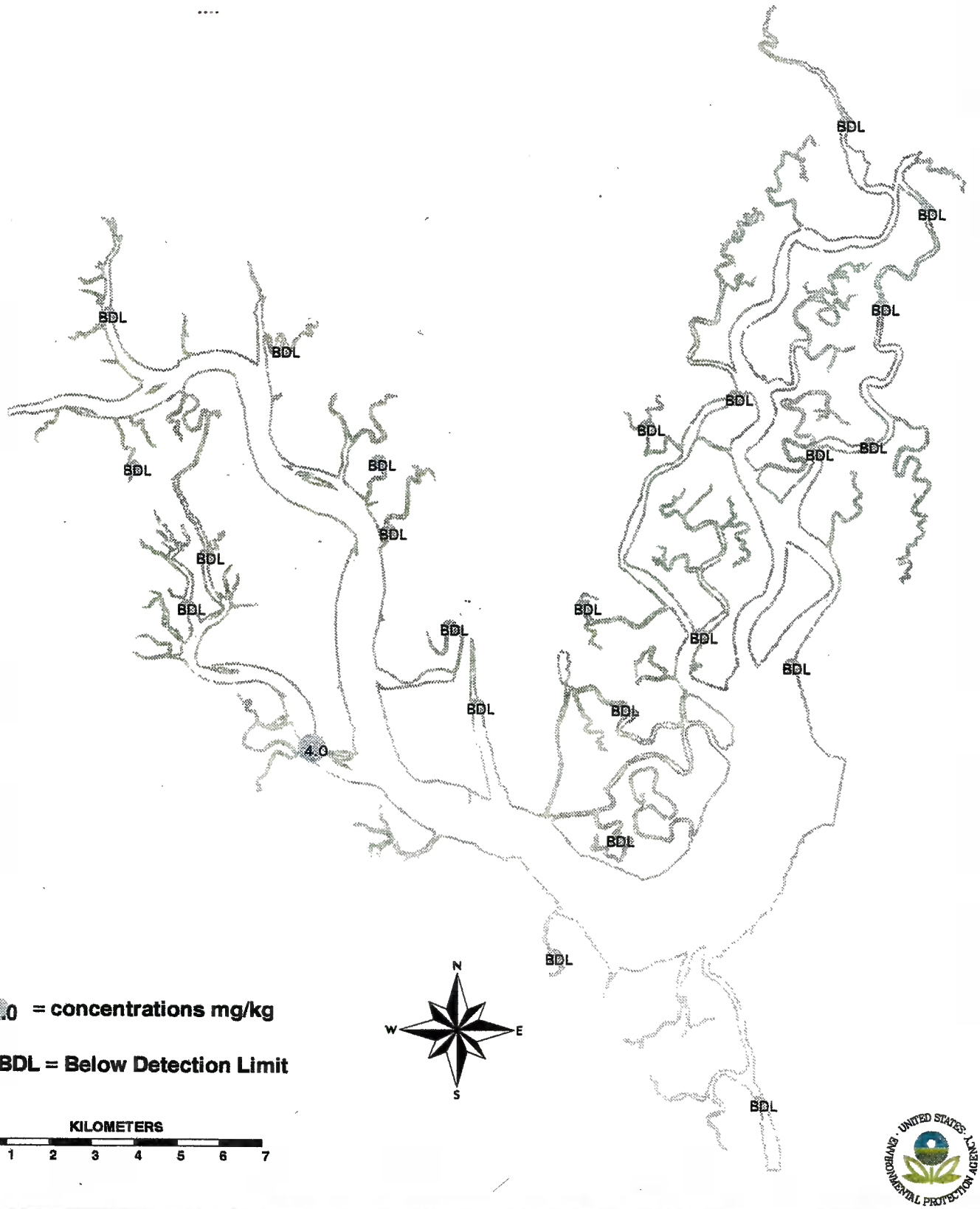


FIGURE 25

BRUNSWICK COMMUNITY STUDY 12/95

ZINC IN FISH

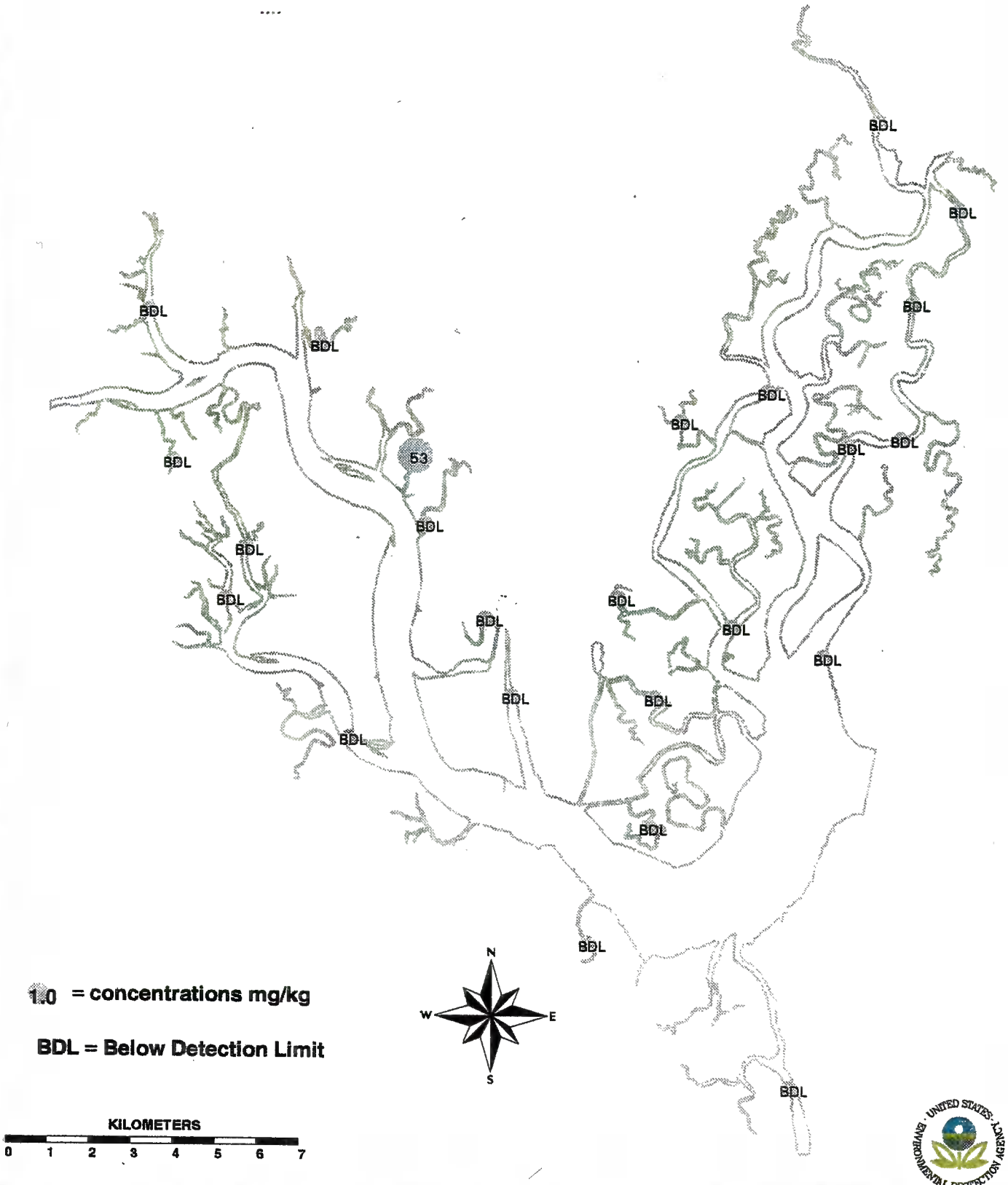


FIGURE 26

BRUNSWICK COMMUNITY STUDY 12/95

2,3,7,8 TETRACHLORODIBENZODIOXIN IN RIVER SEDIMENTS

FIGURE 27

BRUNSWICK COMMUNITY STUDY 12/95

TETRACHLORODIBENZODIOXIN (TOTAL) IN RIVER SEDIMENTS

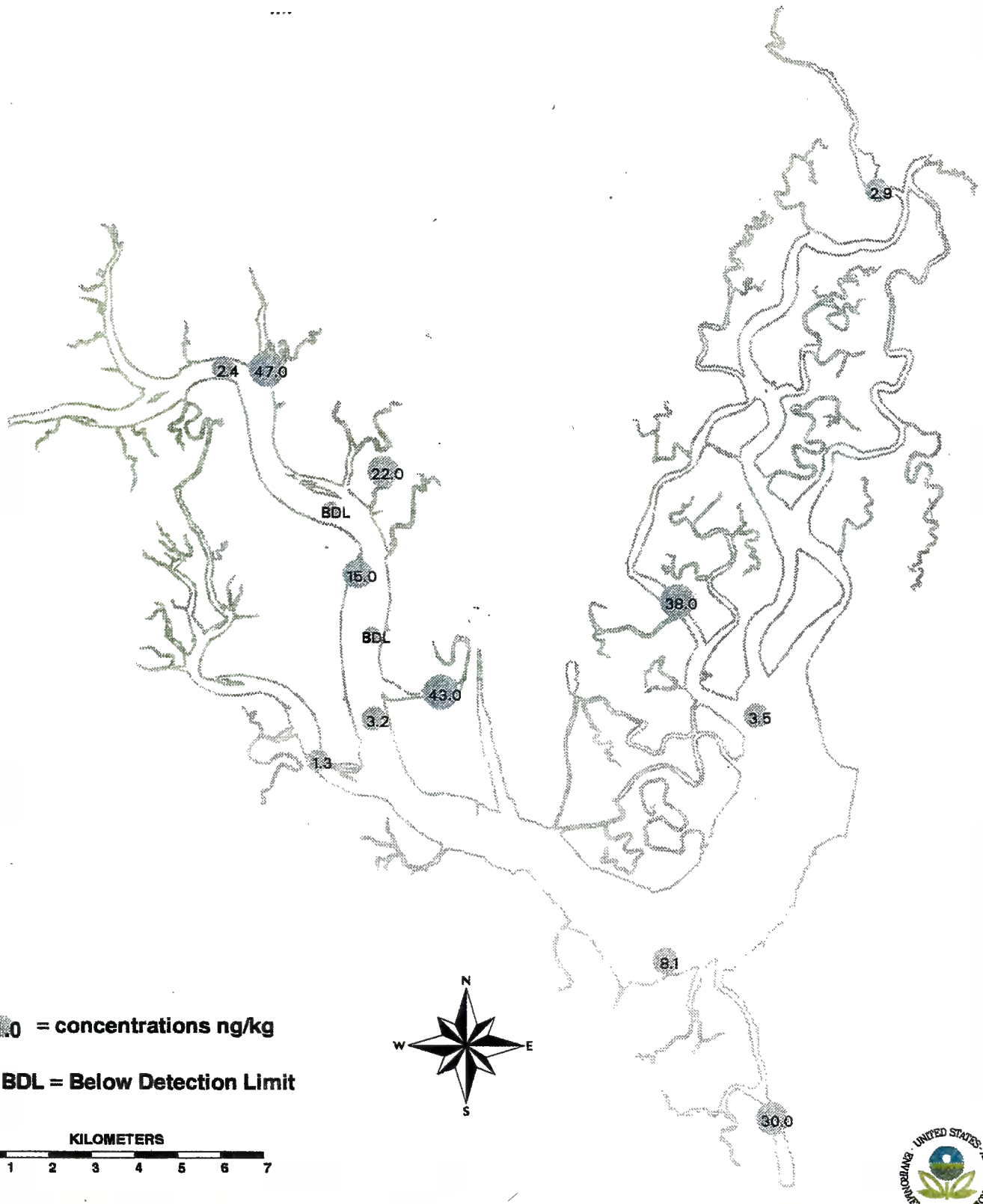


FIGURE 28

BRUNSWICK COMMUNITY STUDY 12/95

PENTACHLORODIBENZODIOXIN (TOTAL) IN RIVER SEDIMENTS

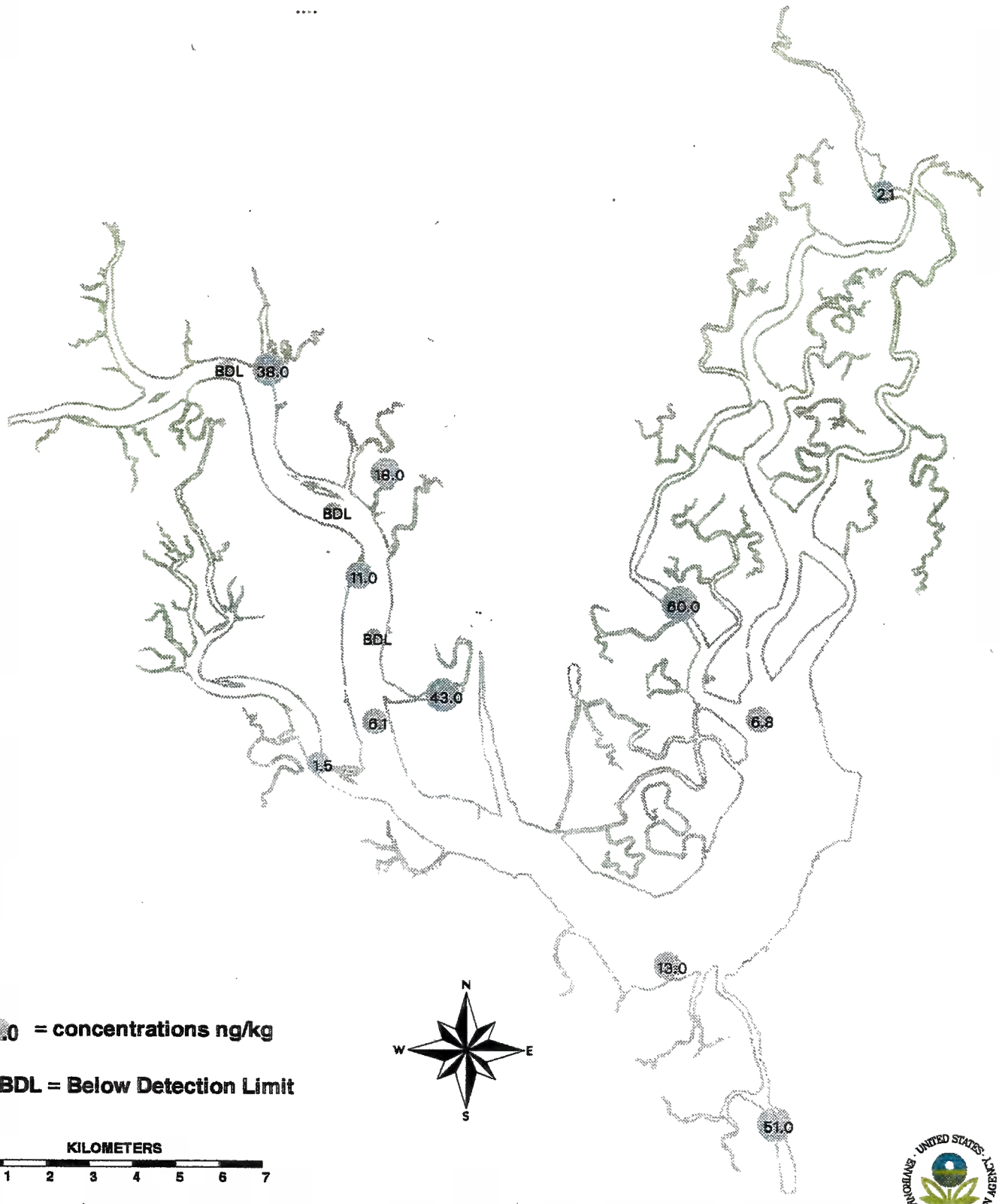


FIGURE 29

BRUNSWICK COMMUNITY STUDY 12/95

HEXACHLORODIBENZODIOXIN (TOTAL) IN RIVER SEDIMENTS

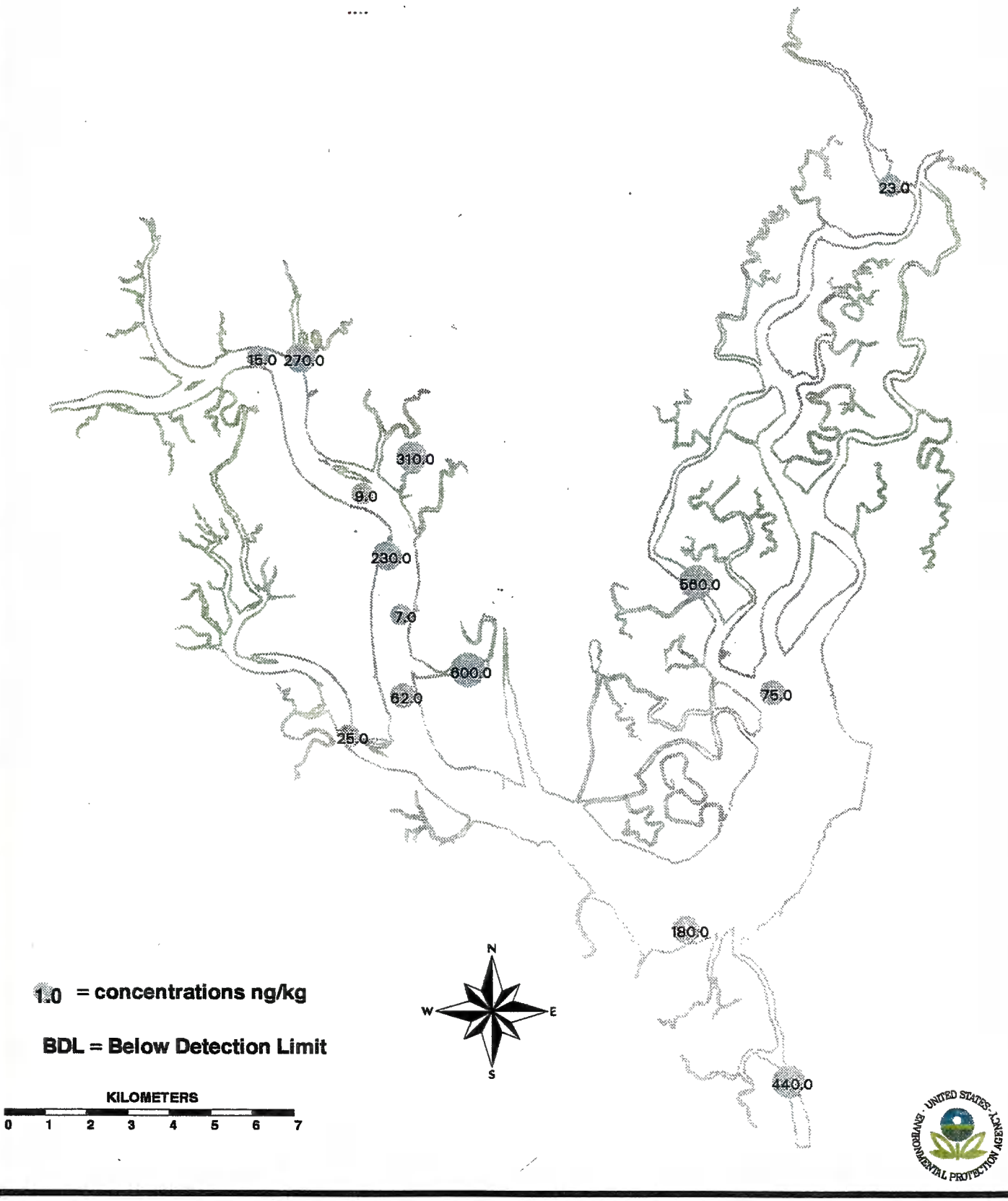


FIGURE 30

BRUNSWICK COMMUNITY STUDY 12/95

HEPTACHLORODIBENZODIOXIN (TOTAL) IN RIVER SEDIMENTS

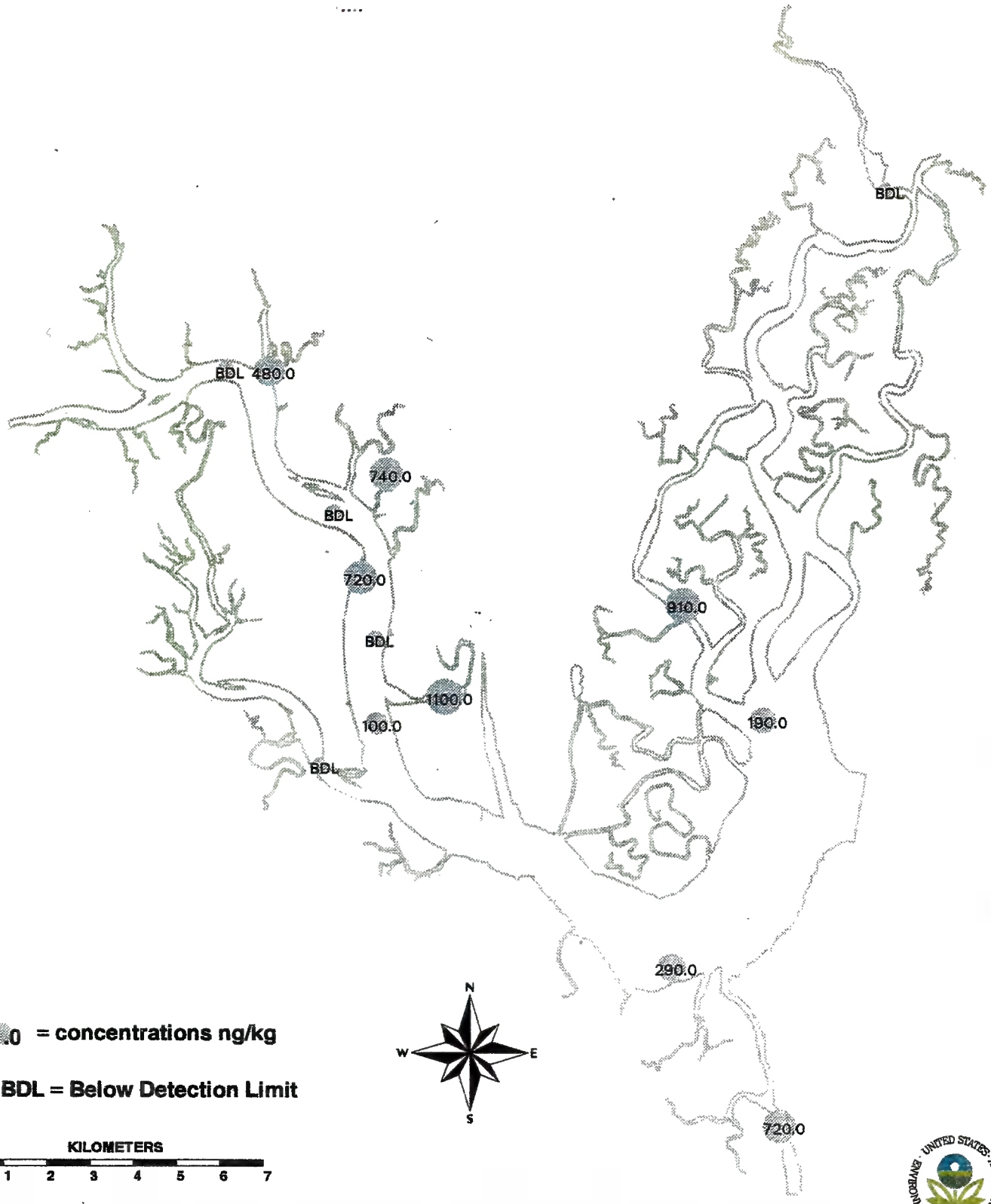


FIGURE 31

BRUNSWICK COMMUNITY STUDY 12/95

OCTACHLORODIBENZODIOXIN (TOTAL) IN RIVER SEDIMENTS

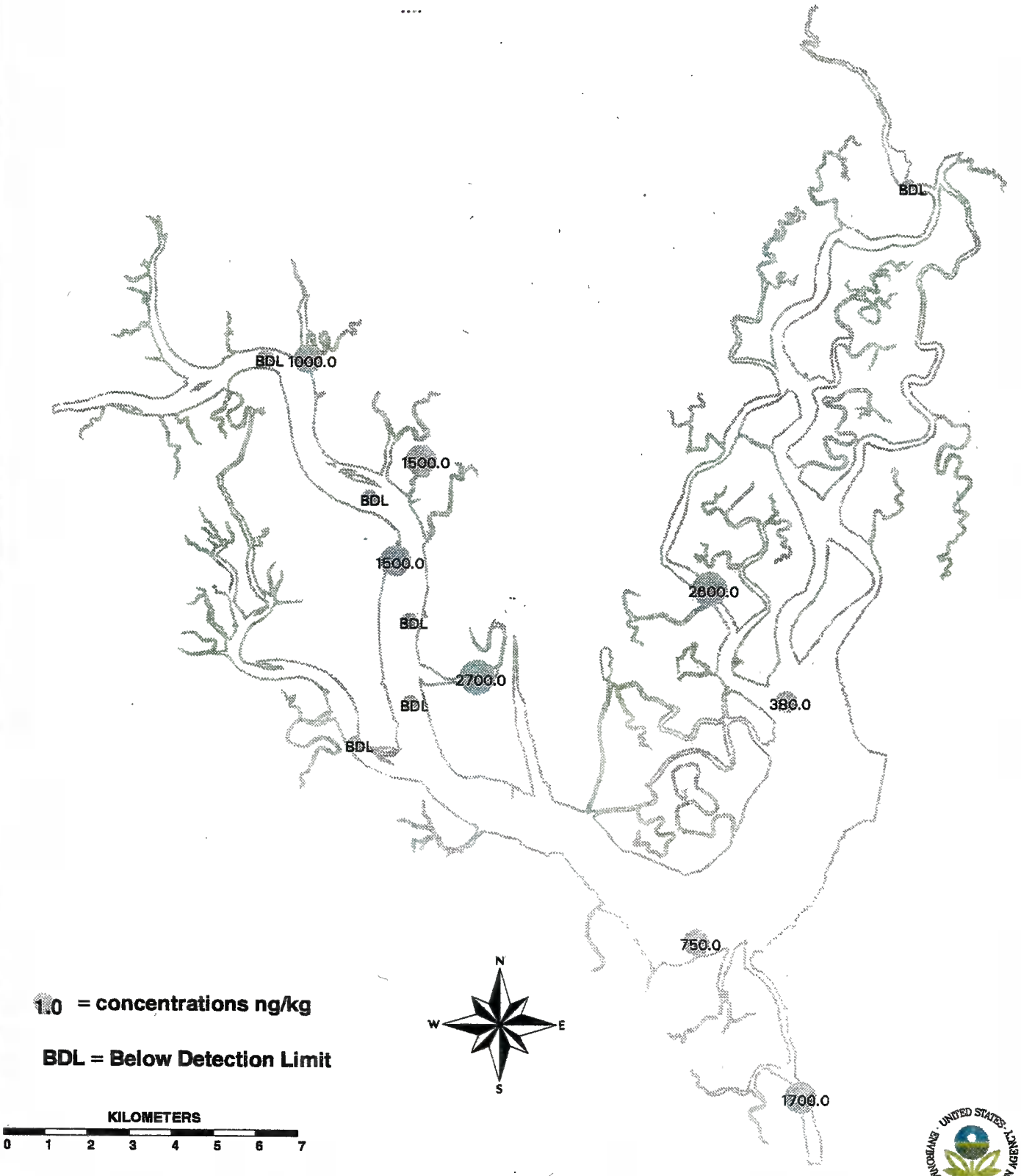


FIGURE 32

BRUNSWICK COMMUNITY STUDY 12/95

TETRACHLORODIBENZOFURAN (TOTAL) IN RIVER SEDIMENTS

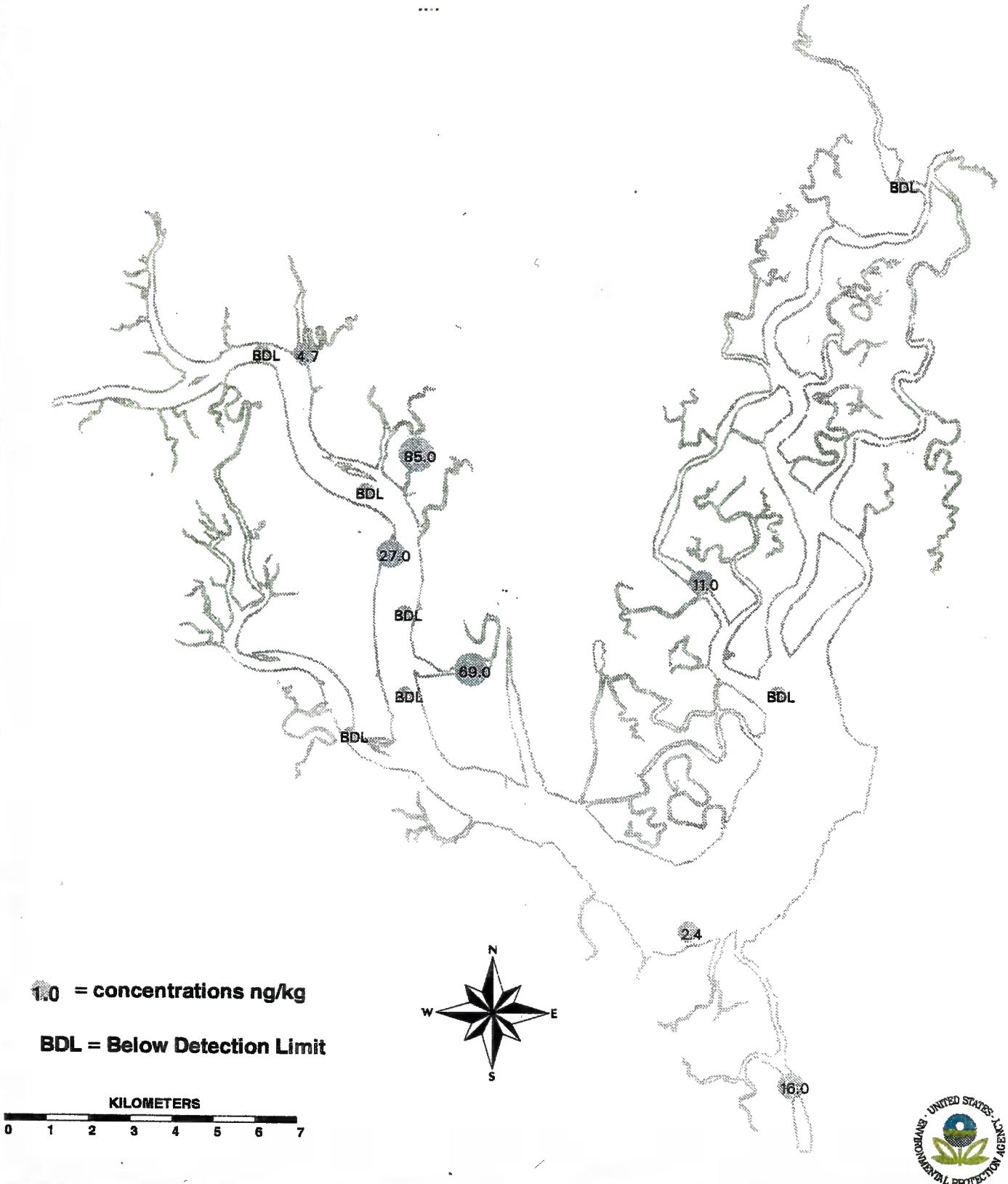


FIGURE 33

BRUNSWICK COMMUNITY STUDY 12/95

PENTACHLORODIBENZOFURAN (TOTAL) IN RIVER SEDIMENTS

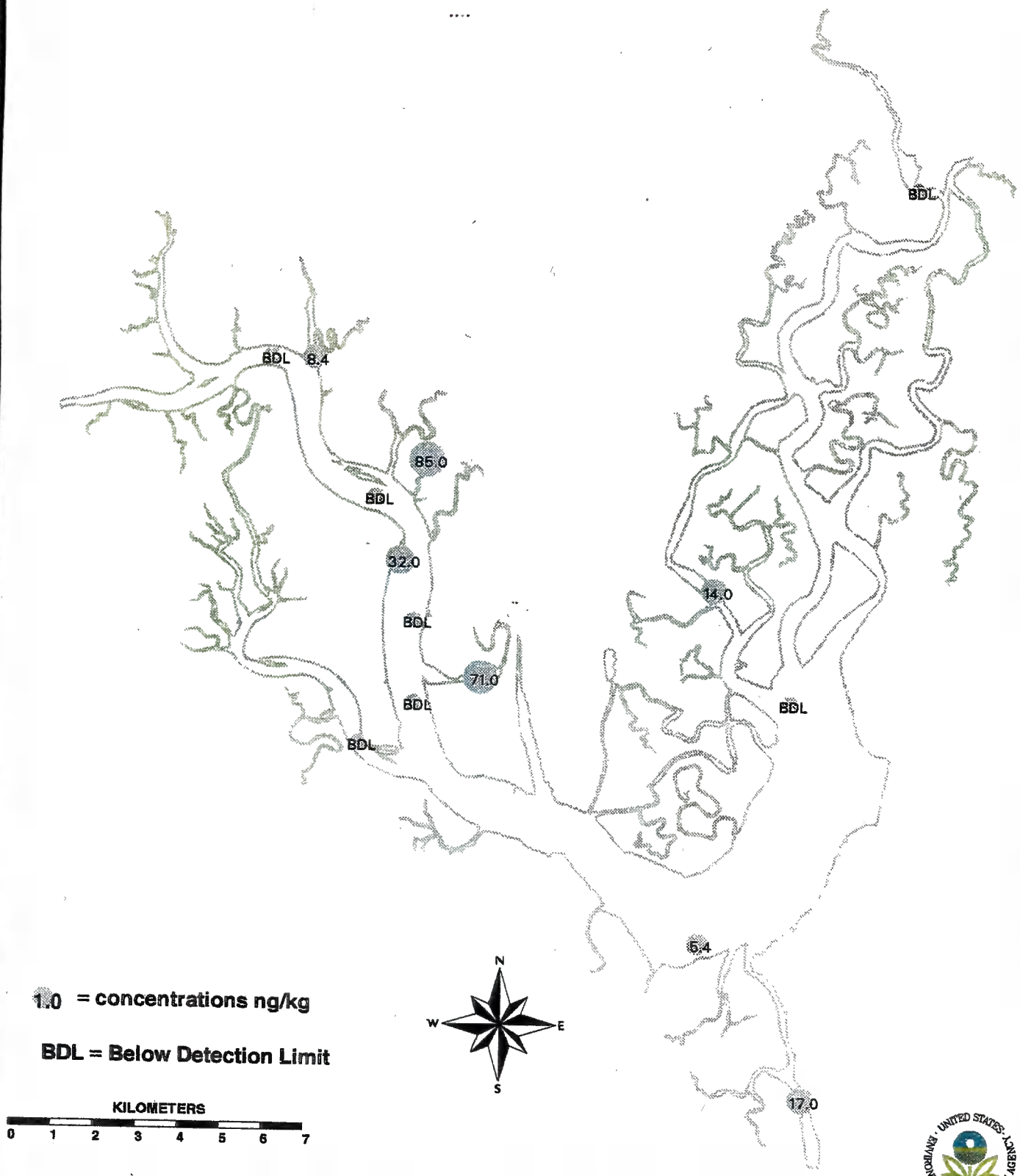


FIGURE 34

BRUNSWICK COMMUNITY STUDY 12/95

HEXACHLORODIBENZOFURAN (TOTAL) IN RIVER SEDIMENTS

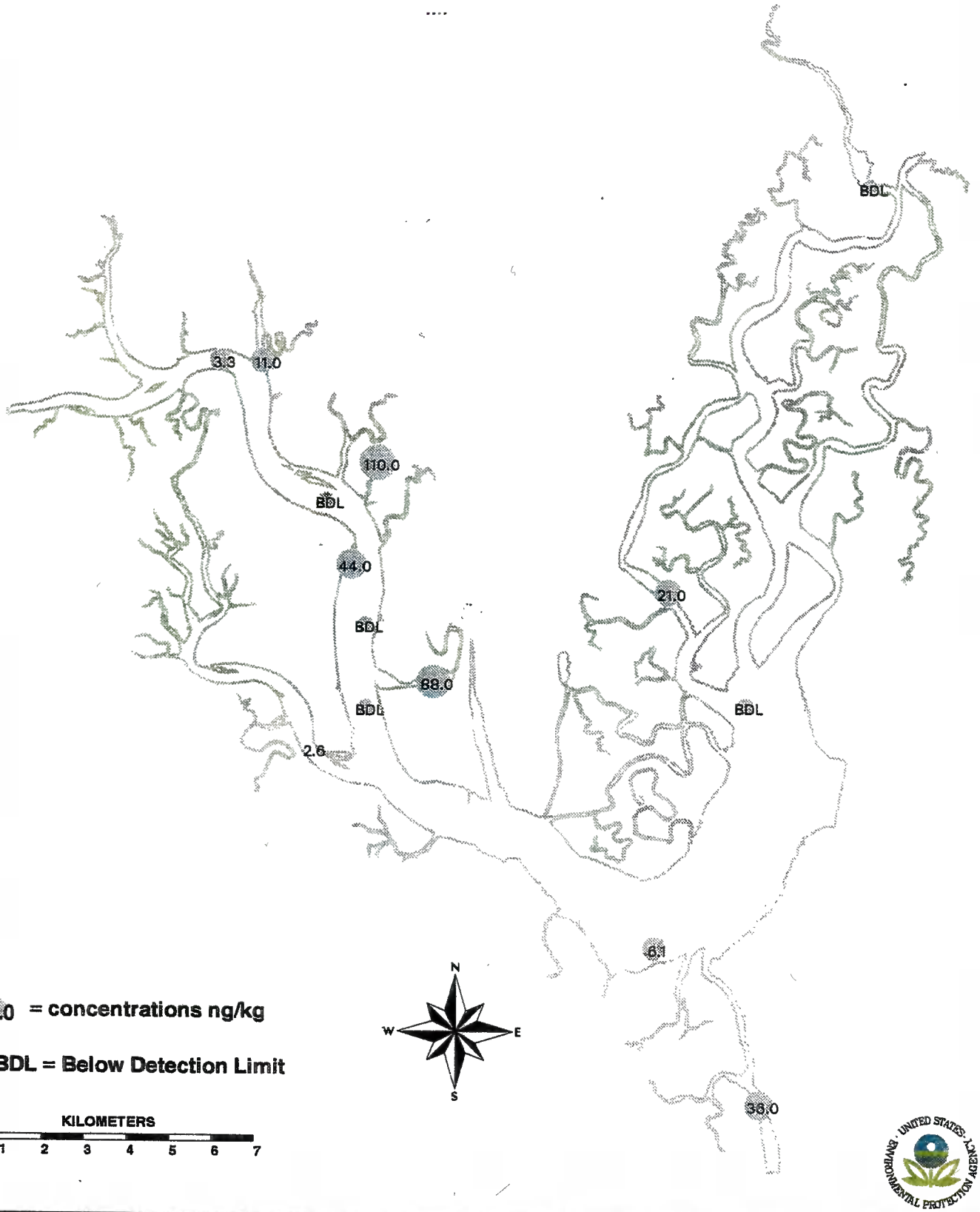


FIGURE 35

BRUNSWICK COMMUNITY STUDY 12/95

HEPTACHLORODIBENZOFURAN (TOTAL) IN RIVER SEDIMENTS

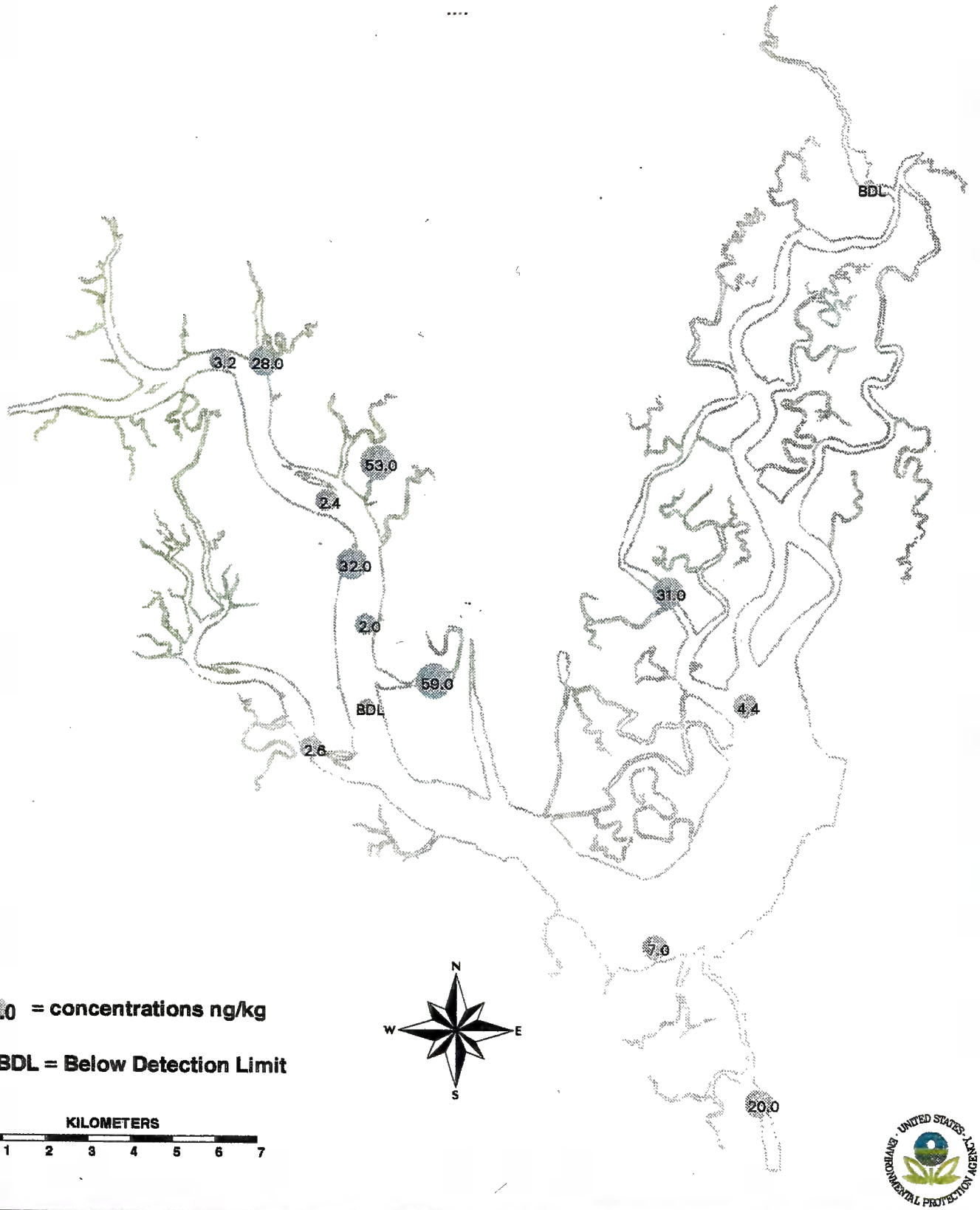


FIGURE 36

BRUNSWICK COMMUNITY STUDY 12/95

OCTACHLORODIBENZOFURAN (TOTAL) IN RIVER SEDIMENTS

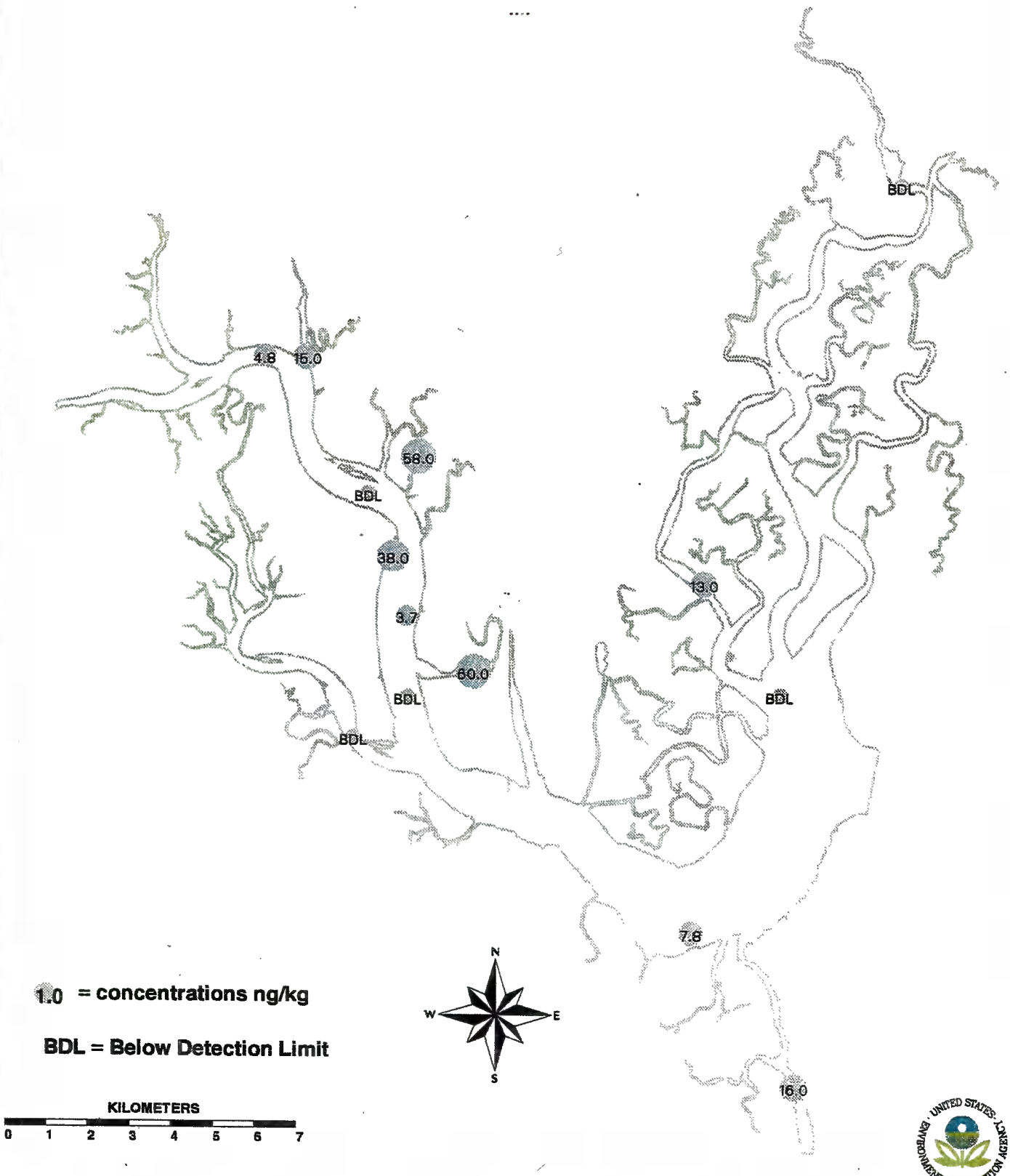


FIGURE 37

BRUNSWICK COMMUNITY STUDY 12/95

AROCLOR 1268 IN RIVER SEDIMENTS

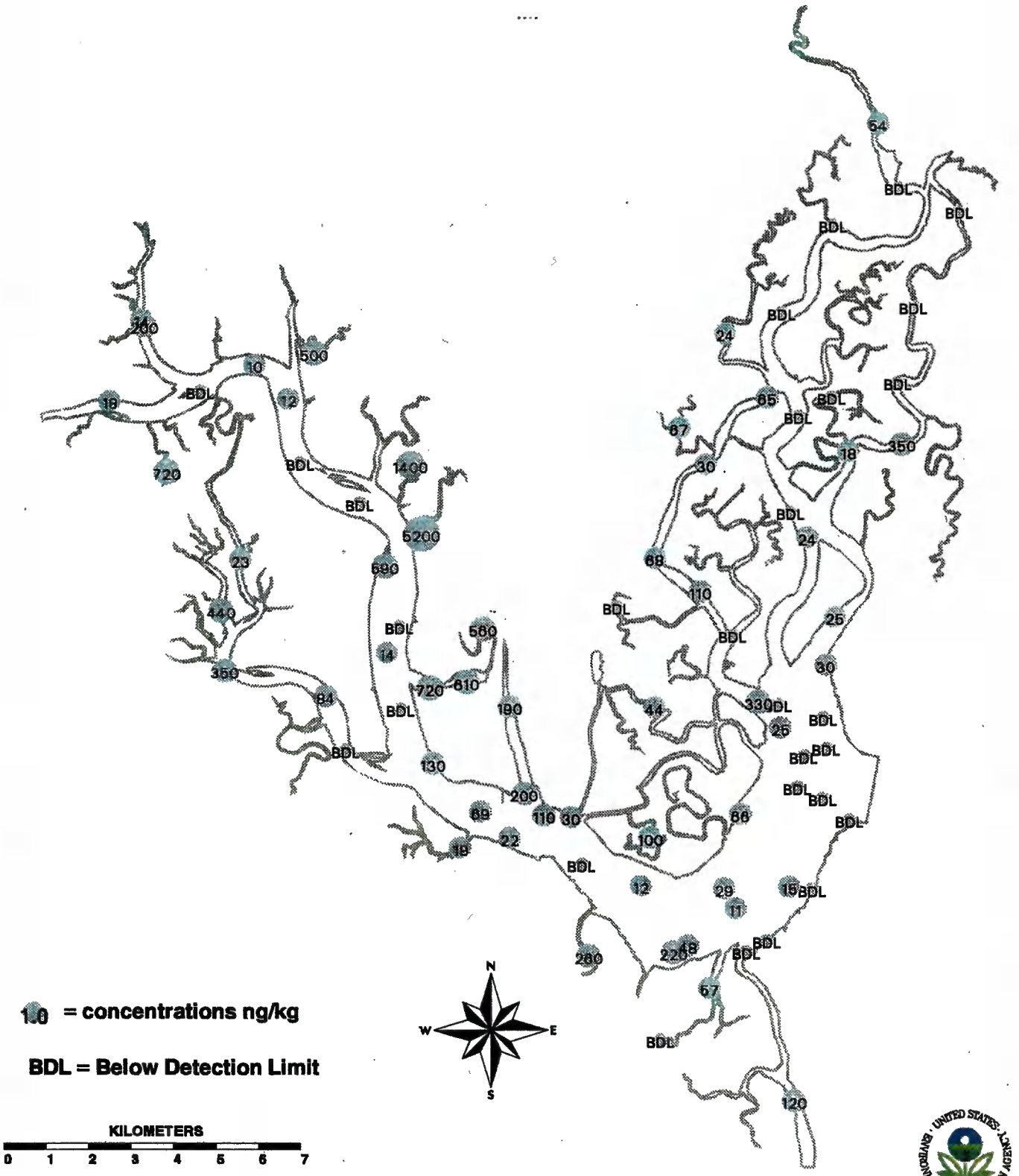


FIGURE 38

BRUNSWICK COMMUNITY STUDY 12/95

AROCLOR 1268 IN MARSH SEDIMENTS

FIGURE 39

BRUNSWICK COMMUNITY STUDY 12/95

DIOXIN/FURANS TOXIC EQUIVALENCY VALUES (TEQ)

IN RIVER SEDIMENTS

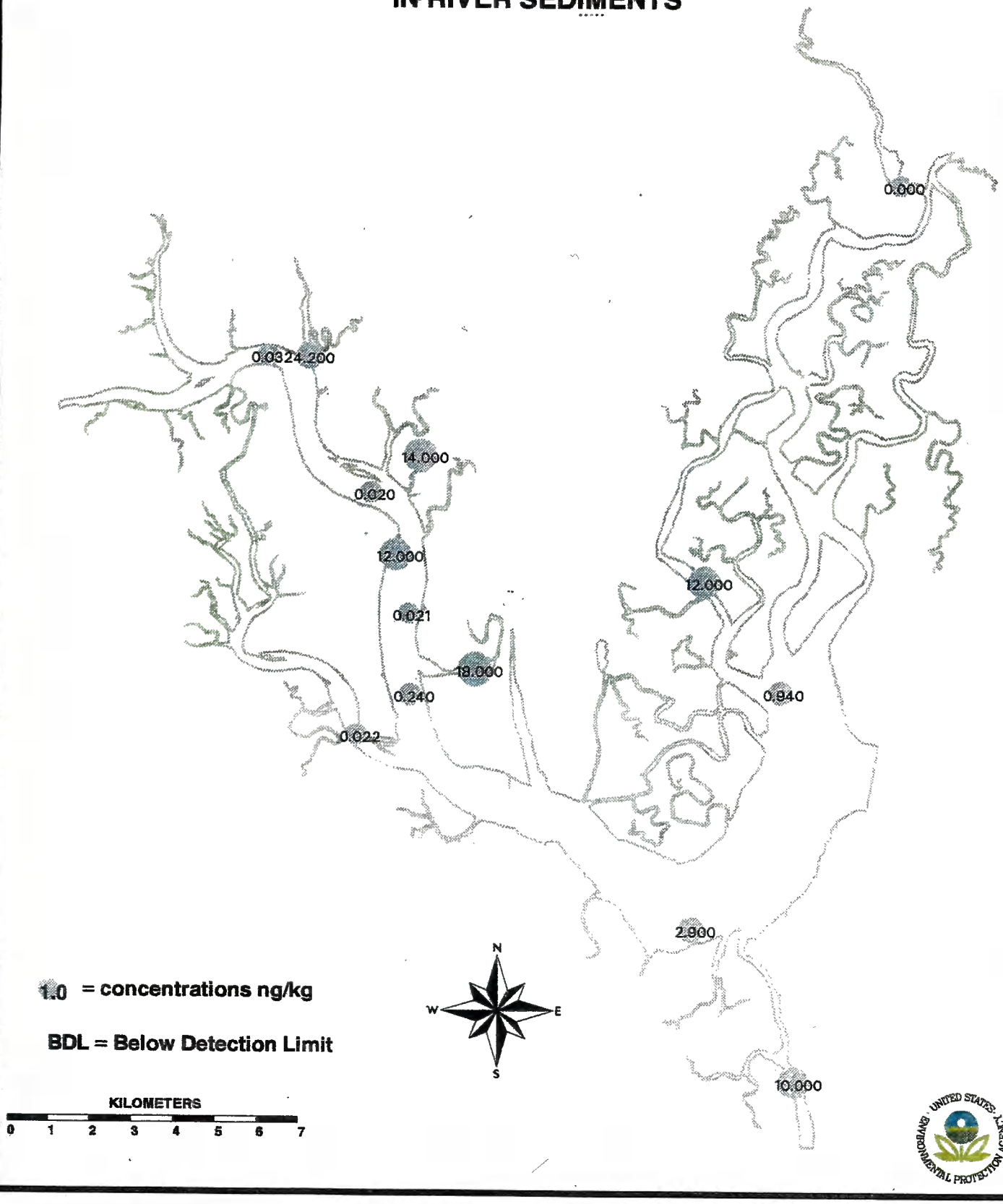
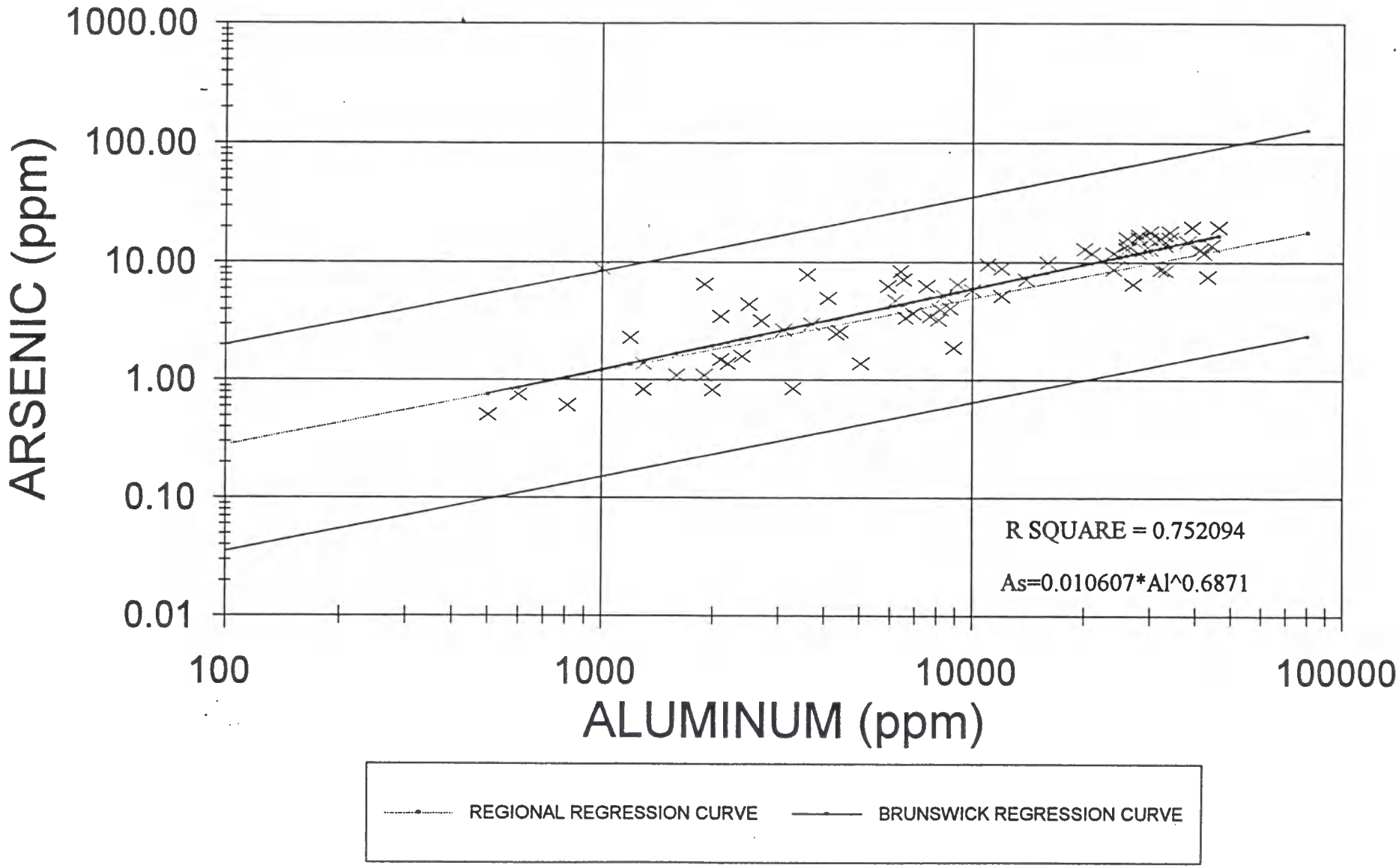


FIGURE 40

6.0 GRAPHS

GRAPH 1: Arsenic vs Aluminum in River Sediment
GRAPH 2: Arsenic vs Aluminum in Marsh Sediment
GRAPH 3: Chromium vs Aluminum in River Sediment
GRAPH 4 Chromium vs Aluminum in Marsh Sediment
GRAPH 5: Copper vs Aluminum in River Sediment
GRAPH 6: Copper vs Aluminum in Marsh Sediment
GRAPH 7: Lead vs Aluminum in River Sediment
GRAPH 8: Lead vs Aluminum in Marsh Sediment
GRAPH 9: Nickel vs Aluminum in River Sediment
GRAPH 10: Nickel vs Aluminum in Marsh Sediment
GRAPH 11: Zinc vs Aluminum in River Sediment
GRAPH 12: Zinc vs Aluminum in Marsh Sediment
GRAPH 13: Arsenic vs Total Organic Material in River Sediment
GRAPH 14: Chromium vs Total Organic Material in River Sediment
GRAPH 15: Copper vs Total Organic Material in River Sediment
GRAPH 16: Lead vs Total Organic Material in River Sediment
GRAPH 17: Mercury vs Total Organic Material in River Sediment
GRAPH 18: Nickel vs Total Organic Material in River Sediment
GRAPH 19: Zinc vs Total Organic Material in River Sediment
GRAPH 20: Cumulative Distribution Frequency Curve for Arsenic in River Sediment
GRAPH 21: Cumulative Distribution Frequency Curve for Arsenic in Marsh Sediment
GRAPH 22: Cumulative Distribution Frequency Curve for Chromium in River Sediment
GRAPH 23: Cumulative Distribution Frequency Curve for Chromium in Marsh Sediment
GRAPH 24: Cumulative Distribution Frequency Curve for Copper in River Sediment
GRAPH 25: Cumulative Distribution Frequency Curve for Copper in Marsh Sediment
GRAPH 26: Cumulative Distribution Frequency Curve for Lead in River Sediment
GRAPH 27: Cumulative Distribution Frequency Curve for Lead in Marsh Sediment
GRAPH 28: Cumulative Distribution Frequency Curve for Mercury in River Sediment
GRAPH 29: Cumulative Distribution Frequency Curve for Mercury in Marsh Sediment
GRAPH 30: Cumulative Distribution Frequency Curve for Nickel in River Sediment
GRAPH 31: Cumulative Distribution Frequency Curve for Nickel in Marsh Sediment
GRAPH 32: Cumulative Distribution Frequency Curve for Zinc in River Sediment
GRAPH 33: Cumulative Distribution Frequency Curve for Zinc in Marsh Sediment
GRAPH 34: Cumulative Distribution Frequency Curve for Aroclor 1268 in River Sediment
GRAPH 35: Cumulative Distribution Frequency Curve for Aroclor 1268 in Marsh Sediment

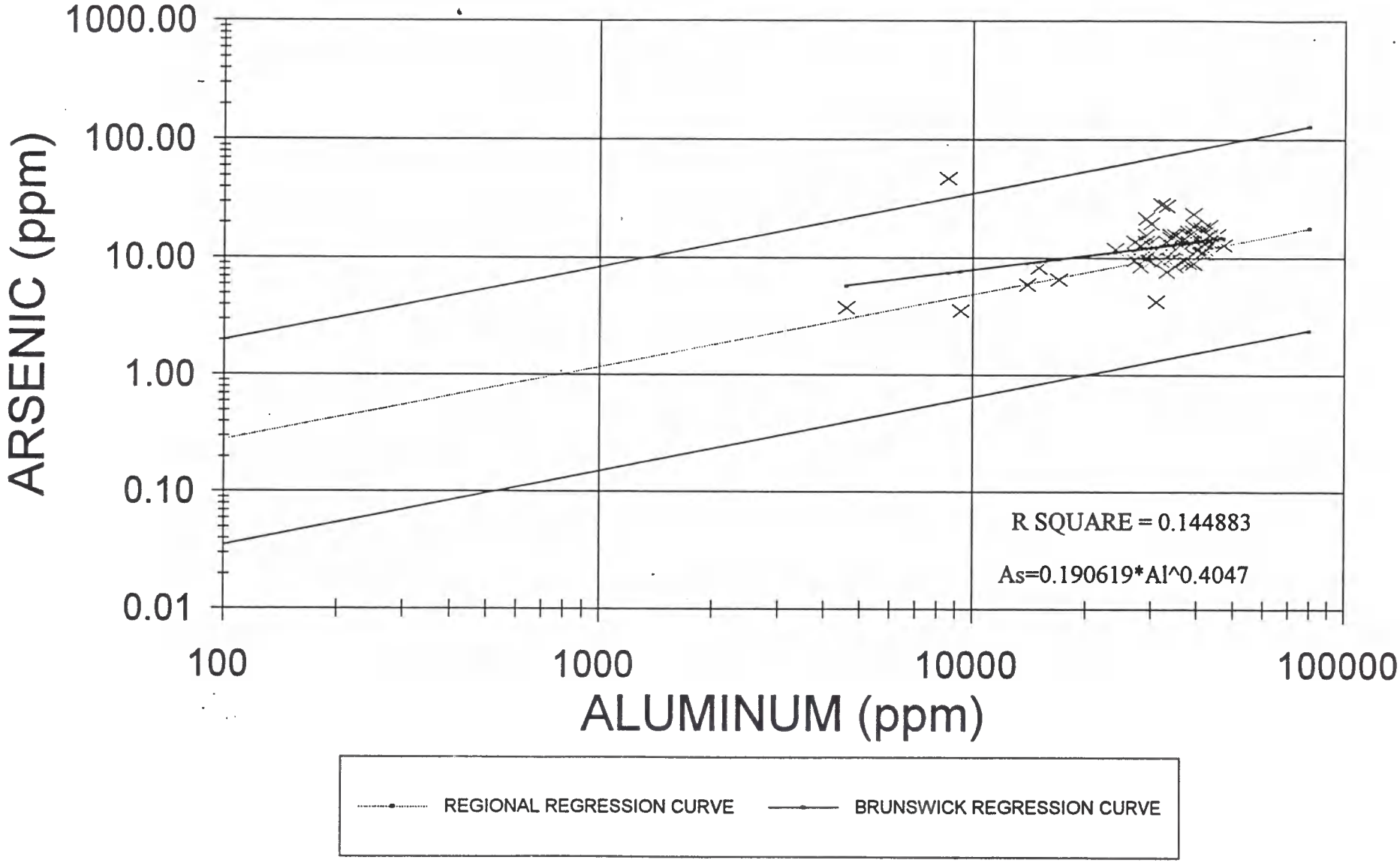
BRUNSWICK COMMUNITY STUDY 12/95
RIVER SEDIMENT - ARSENIC / ALUMINUM



GRAPH 1

BRUNSWICK COMMUNITY STUDY 12/95

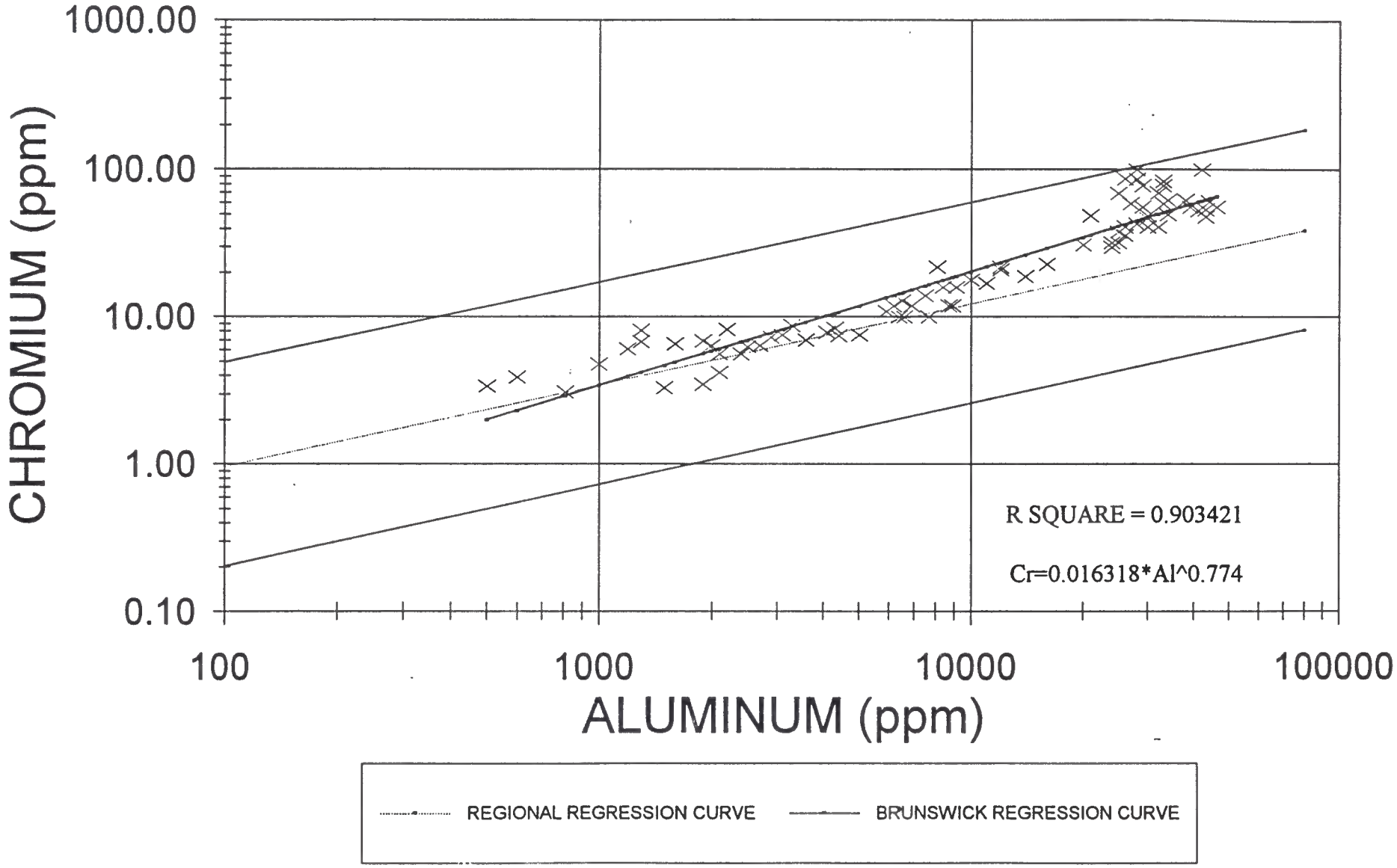
MARSH SEDIMENT - ARSENIC / ALUMINUM



GRAPH 2

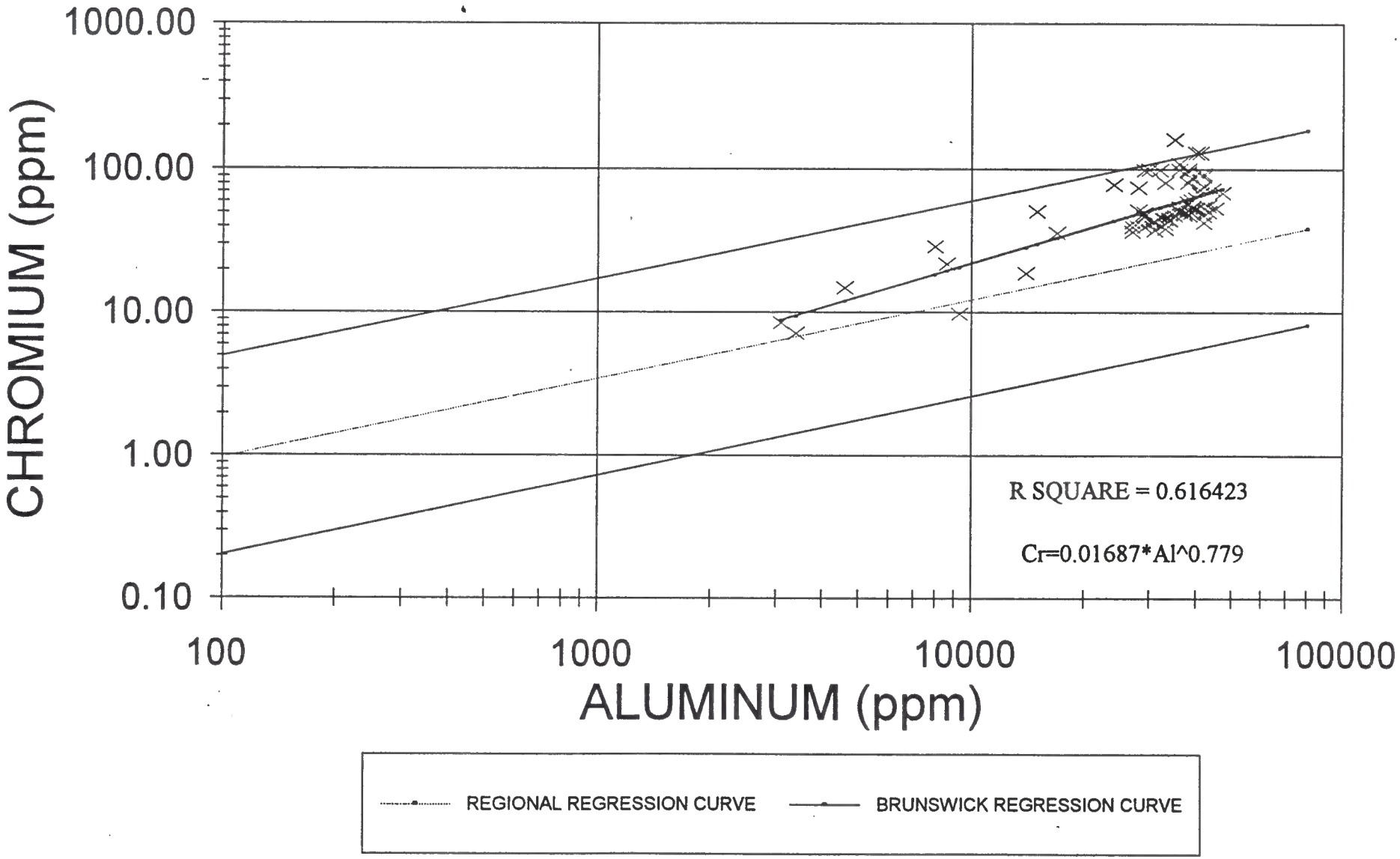
BRUNSWICK COMMUNITY STUDY 12/95

RIVER SEDIMENT - CHROMIUM / ALUMINUM



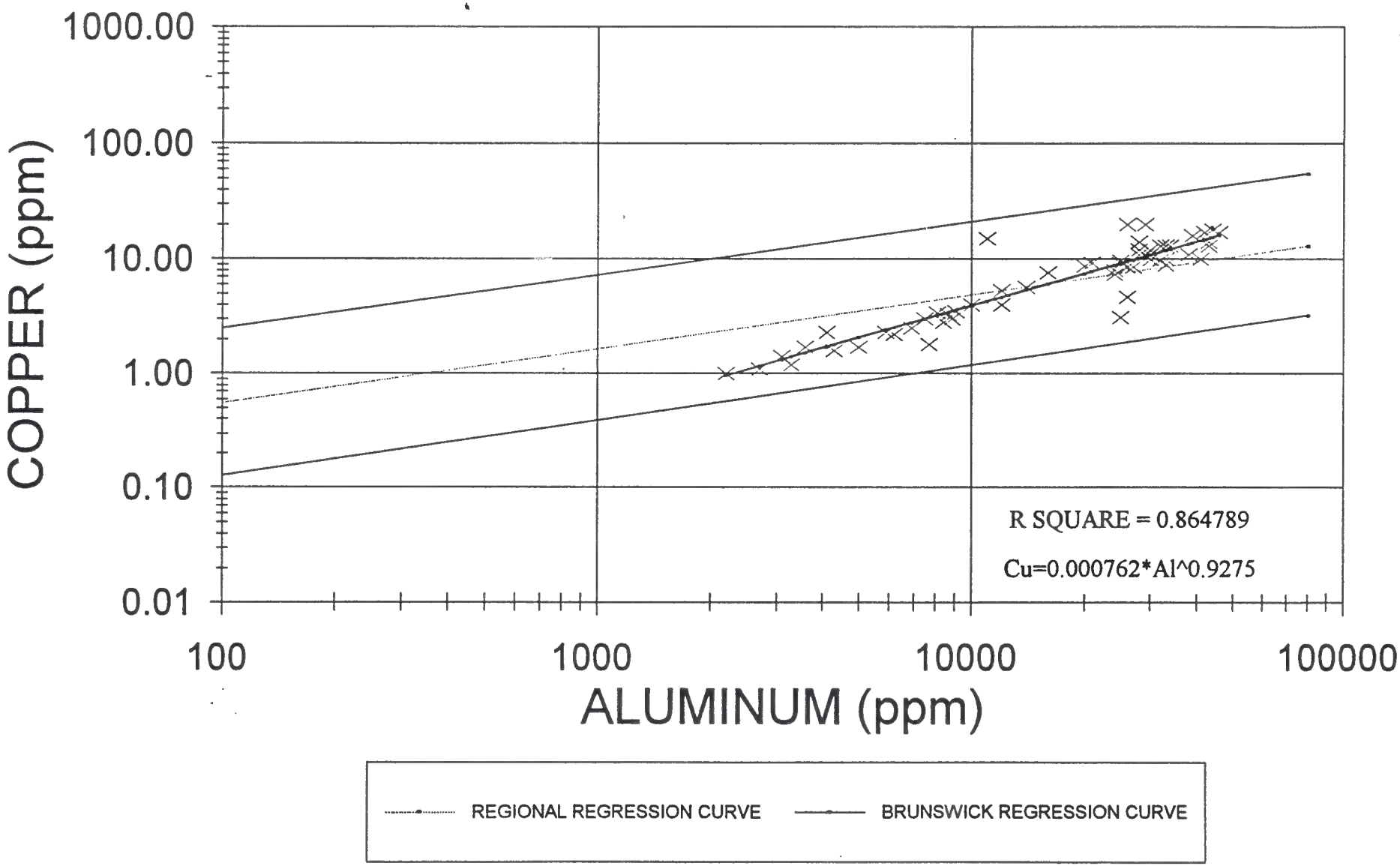
GRAPH 3

BRUNSWICK COMMUNITY STUDY 12/95
MARSH SEDIMENT - CHROMIUM / ALUMINUM



GRAPH 4

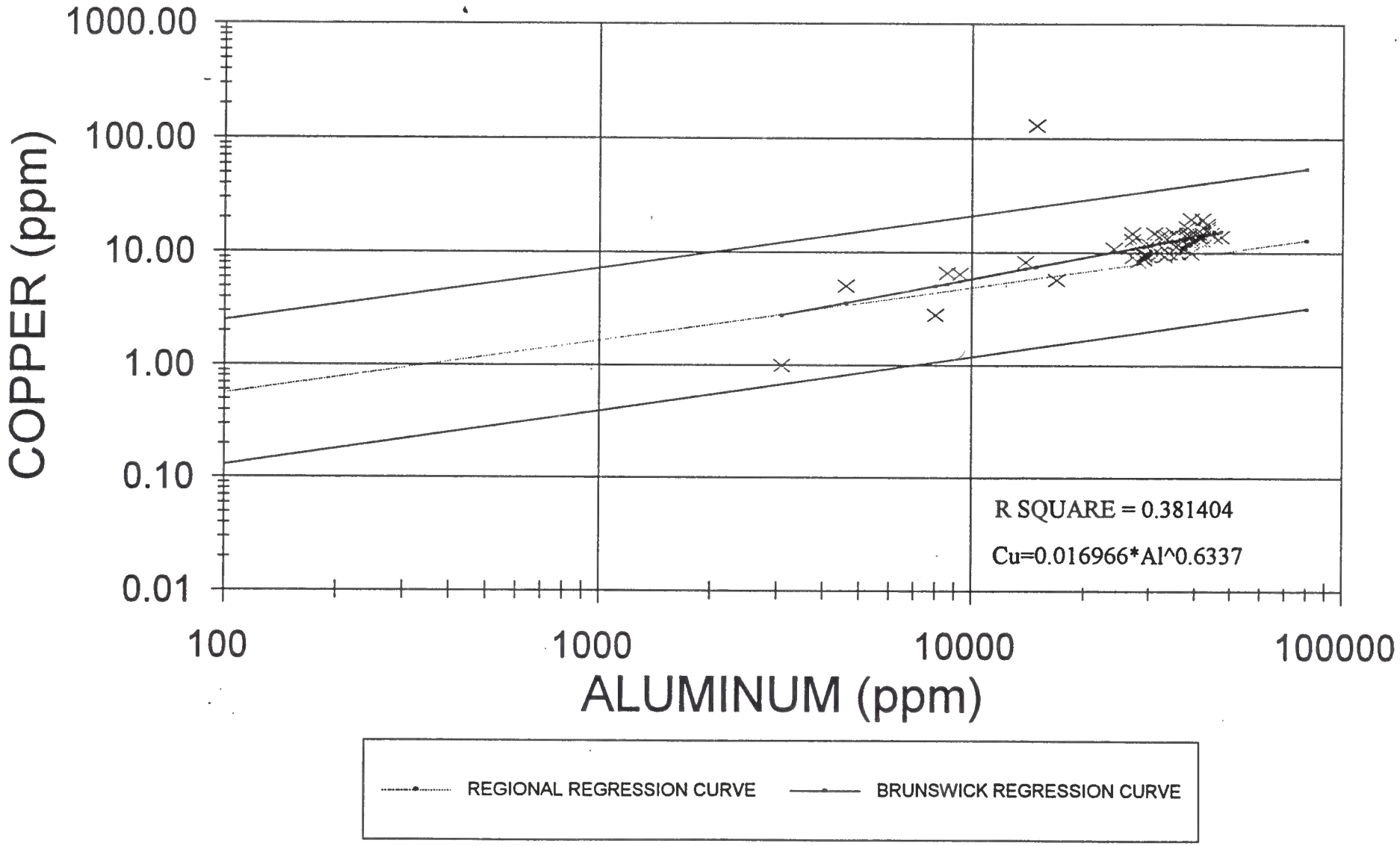
BRUNSWICK COMMUNITY STUDY 12/95
RIVER SEDIMENT - COPPER / ALUMINUM



GRAPH 5

RSDALCU.WB2

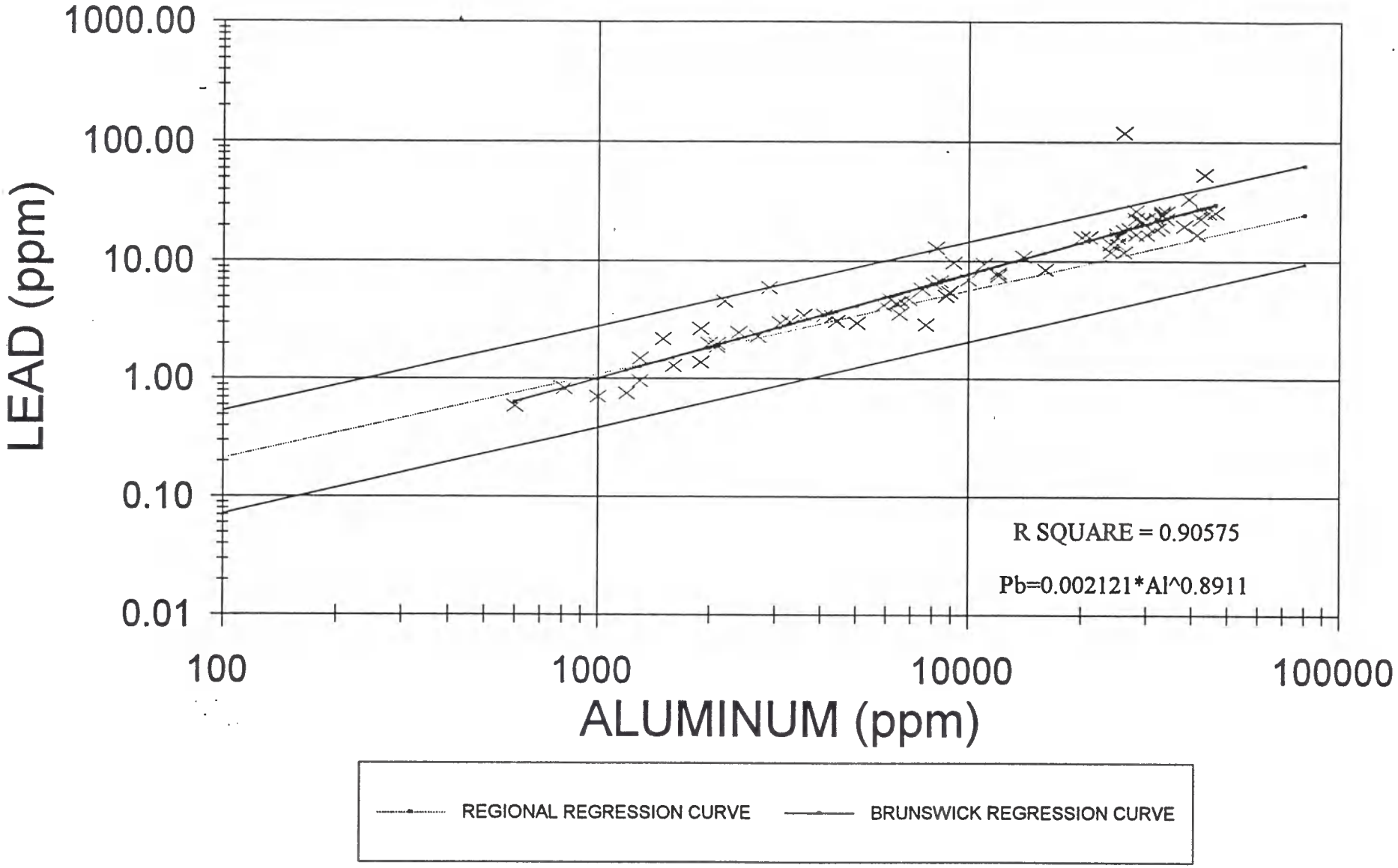
BRUNSWICK COMMUNITY STUDY 12/95
MARSH SEDIMENT - COPPER / ALUMINUM



GRAPH 6

BRUNSWICK COMMUNITY STUDY 12/95

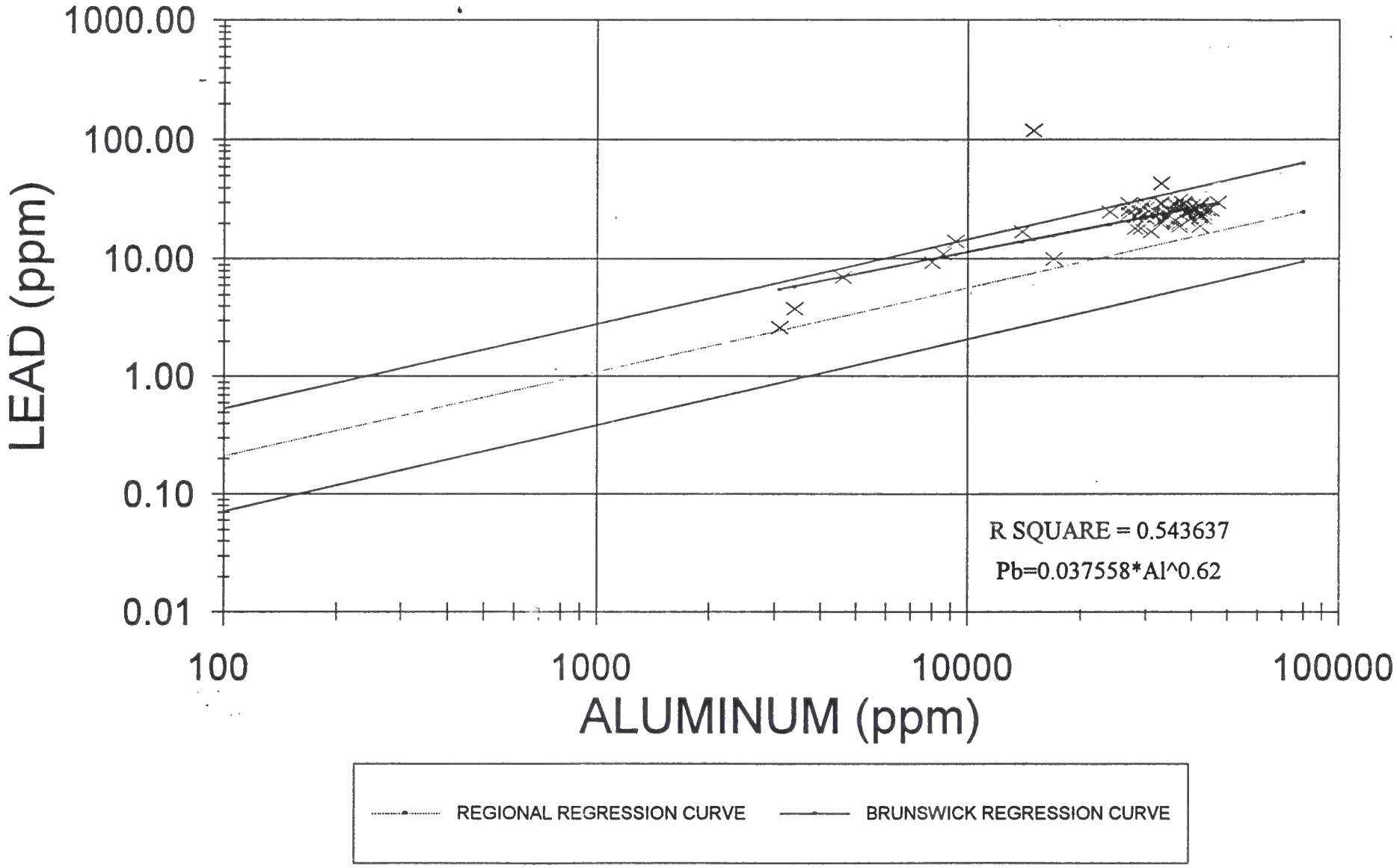
RIVER SEDIMENT - LEAD / ALUMINUM



GRAPH 7

BRUNSWICK COMMUNITY STUDY 12/95

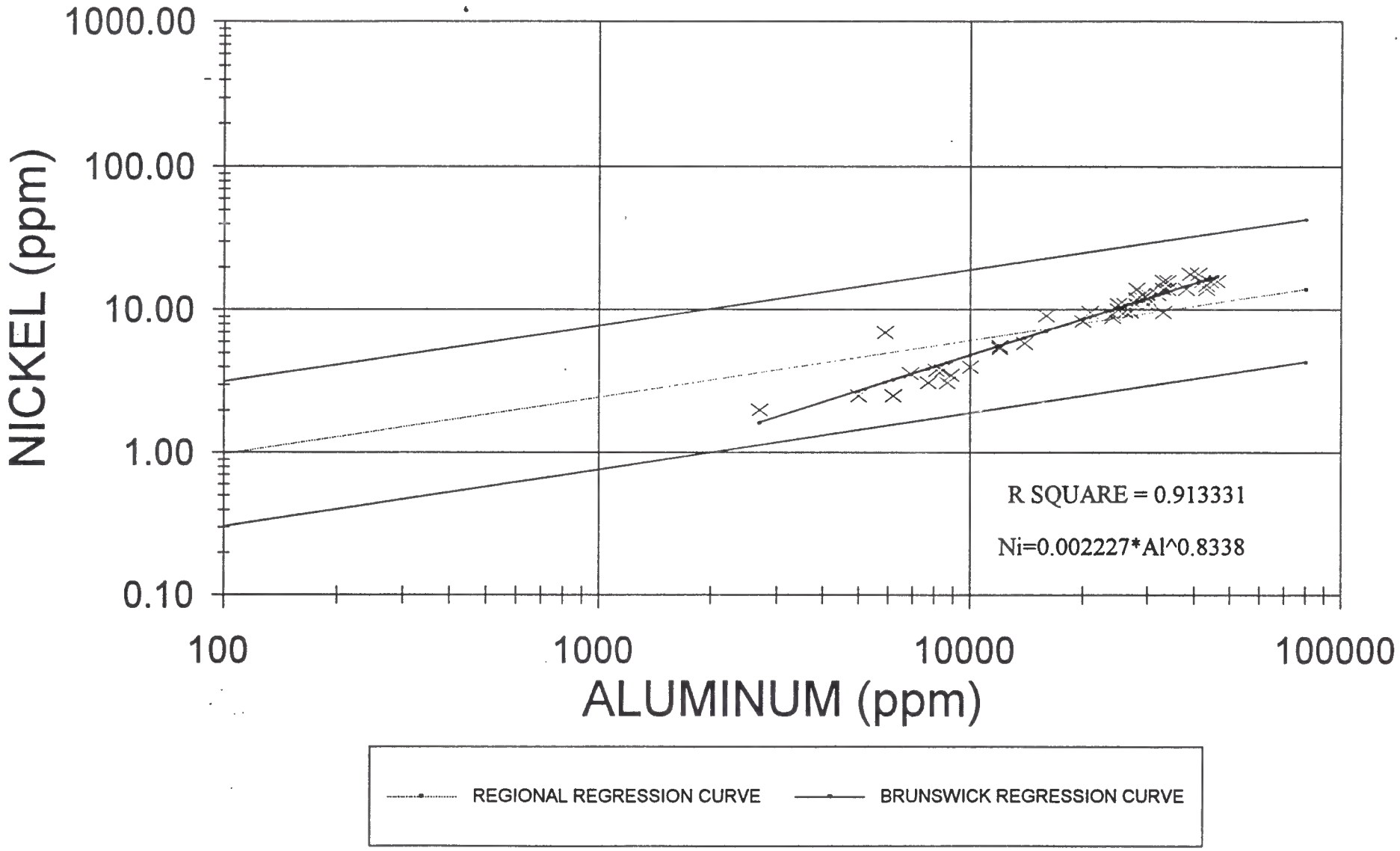
MARSH SEDIMENT - LEAD / ALUMINUM



GRAPH 8

BRUNSWICK COMMUNITY STUDY 12/95

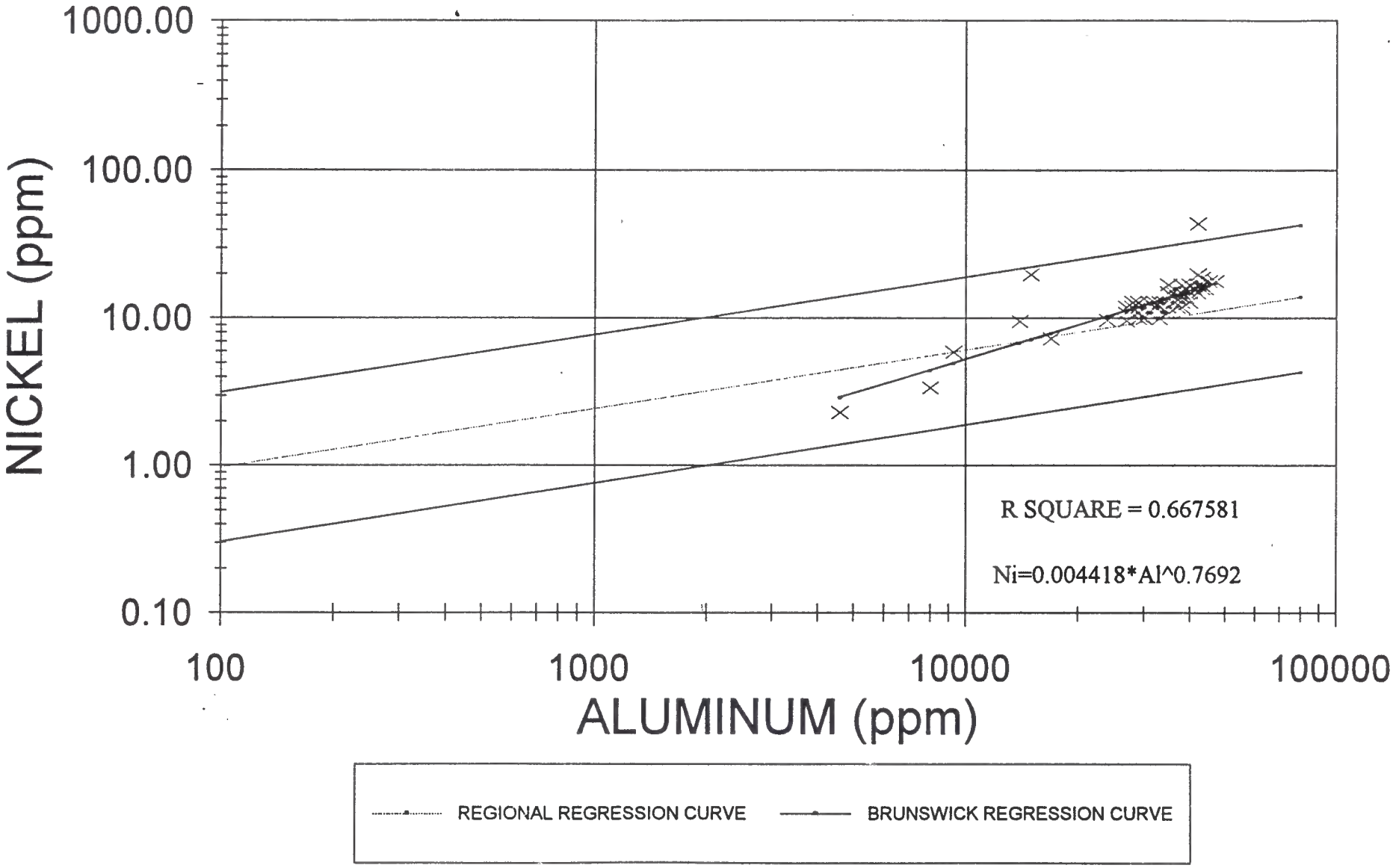
RIVER SEDIMENT - NICKEL / ALUMINUM



GRAPH 9

BRUNSWICK COMMUNITY STUDY 12/95

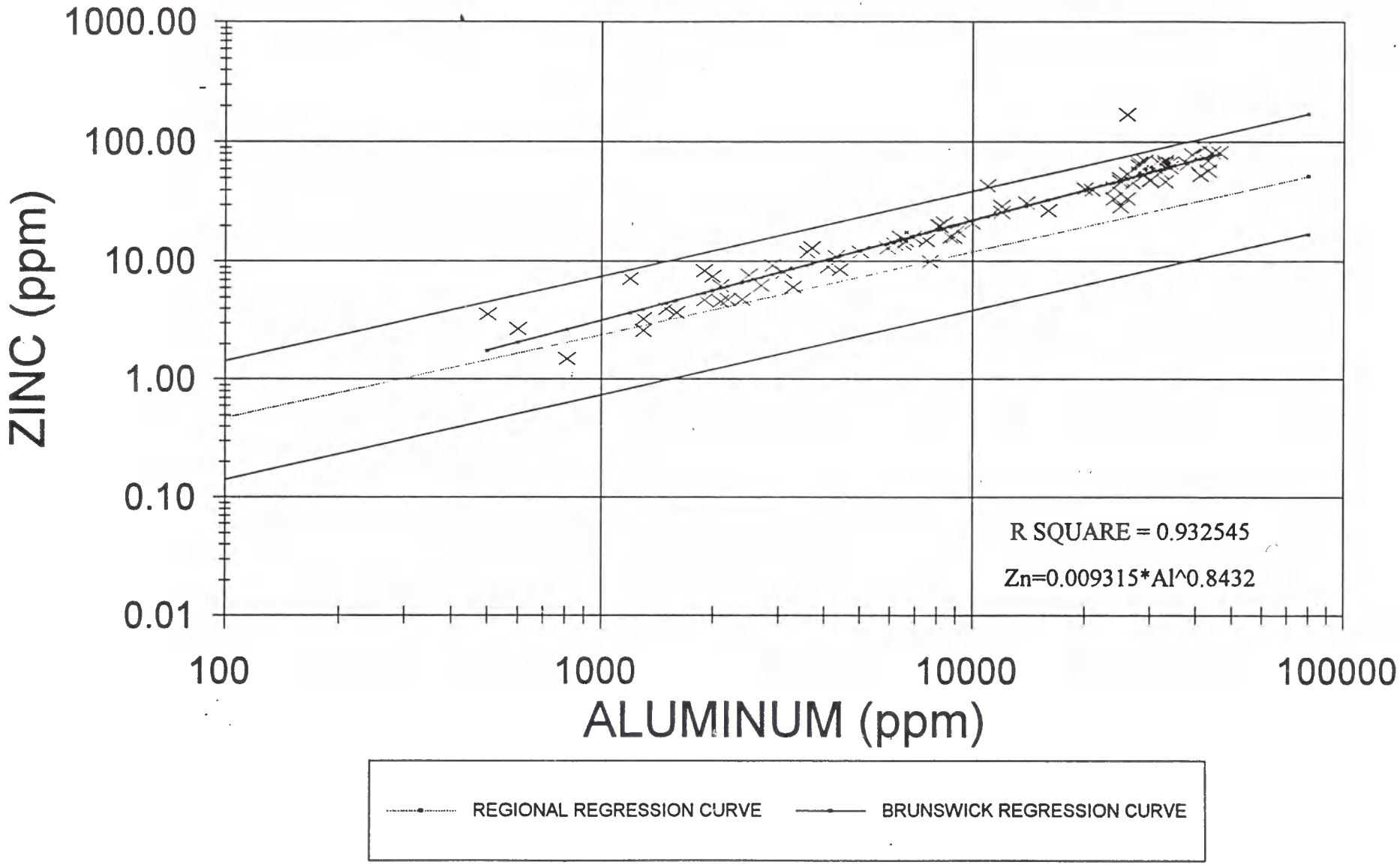
MARSH SEDIMENT - NICKEL / ALUMINUM



GRAPH 10

BRUNSWICK COMMUNITY STUDY 12/95

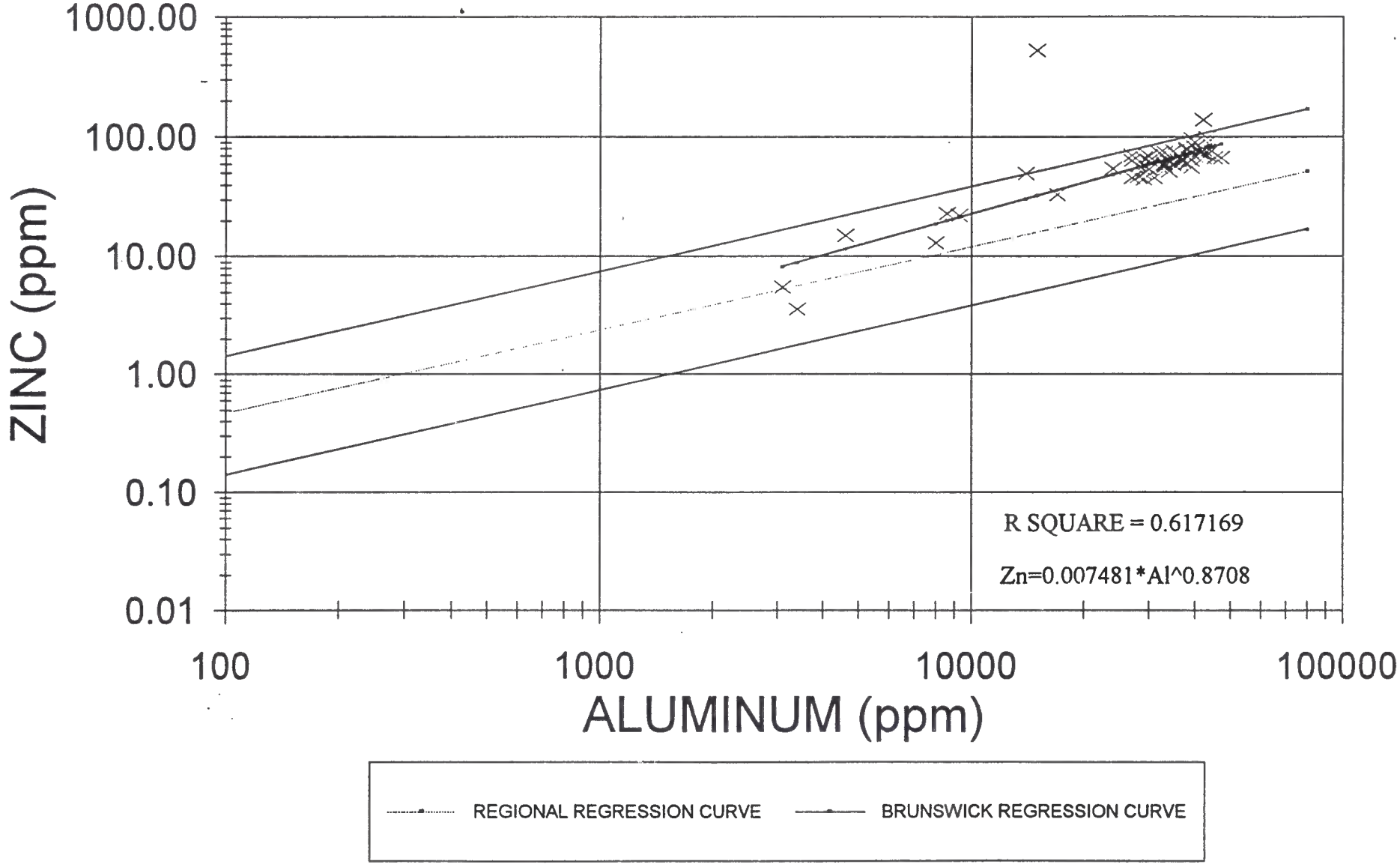
RIVER SEDIMENT - ZINC / ALUMINUM



GRAPH 11

BRUNSWICK COMMUNITY STUDY 12/95

MARSH SEDIMENT - ZINC / ALUMINUM

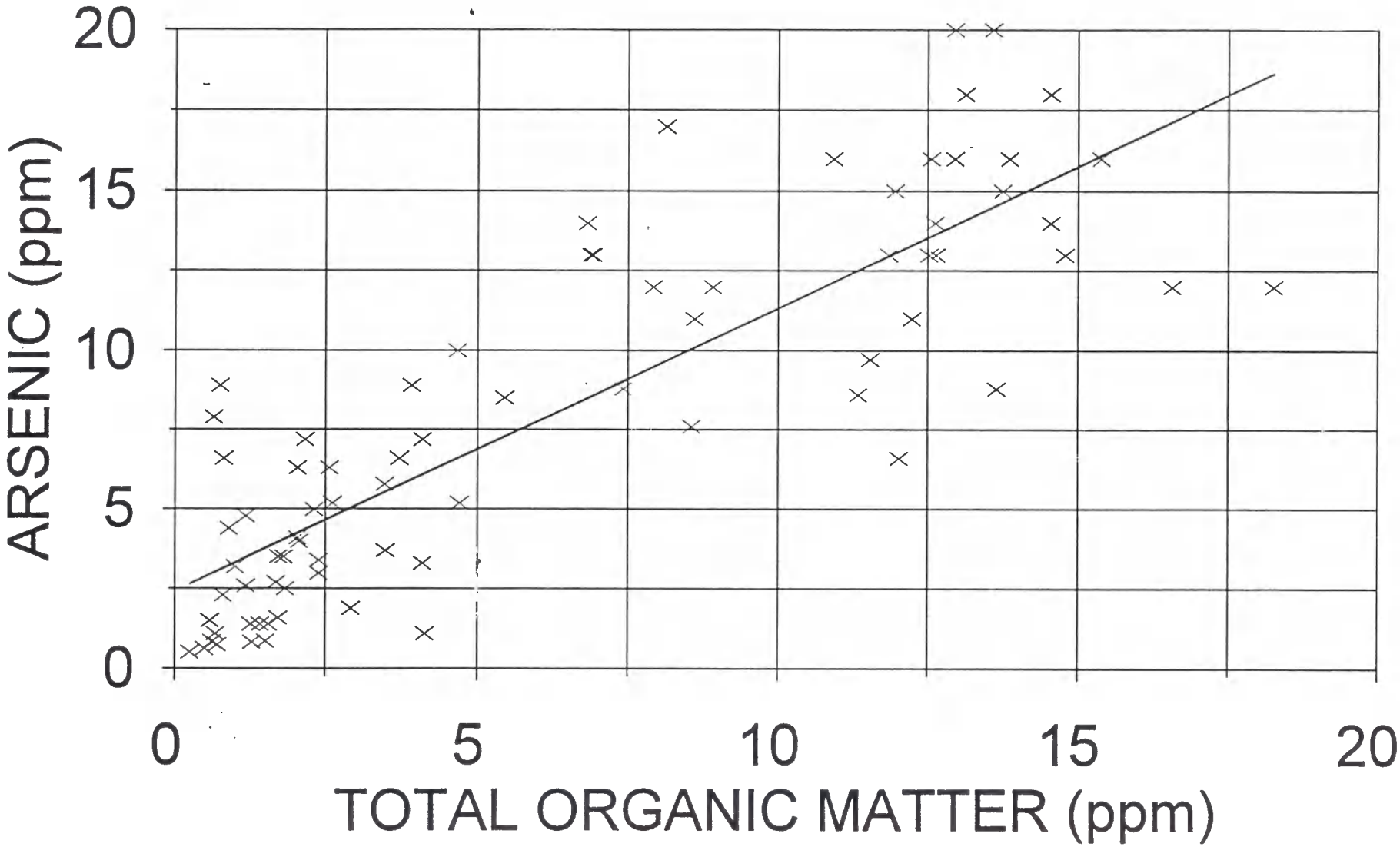


GRAPH 12

BRUNSWICK COMMUNITY STUDY 12/95

ARSENIC vs TOTAL ORGANIC MATTER

RIVER SEDIMENT

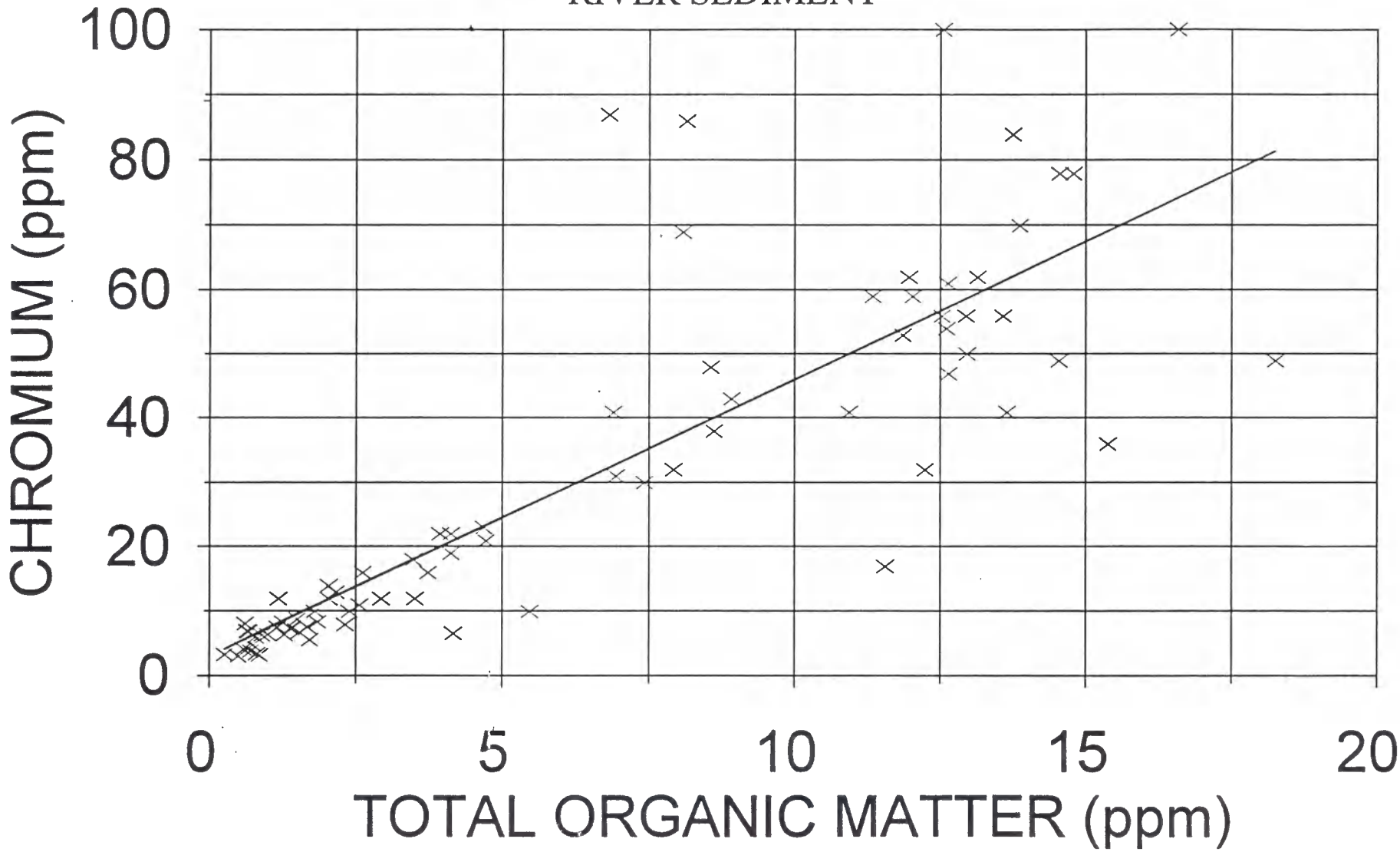


GRAPH 13

BRUNSWICK COMMUNITY STUDY 12/95

CHROMIUM vs TOTAL ORGANIC MATTER

RIVER SEDIMENT

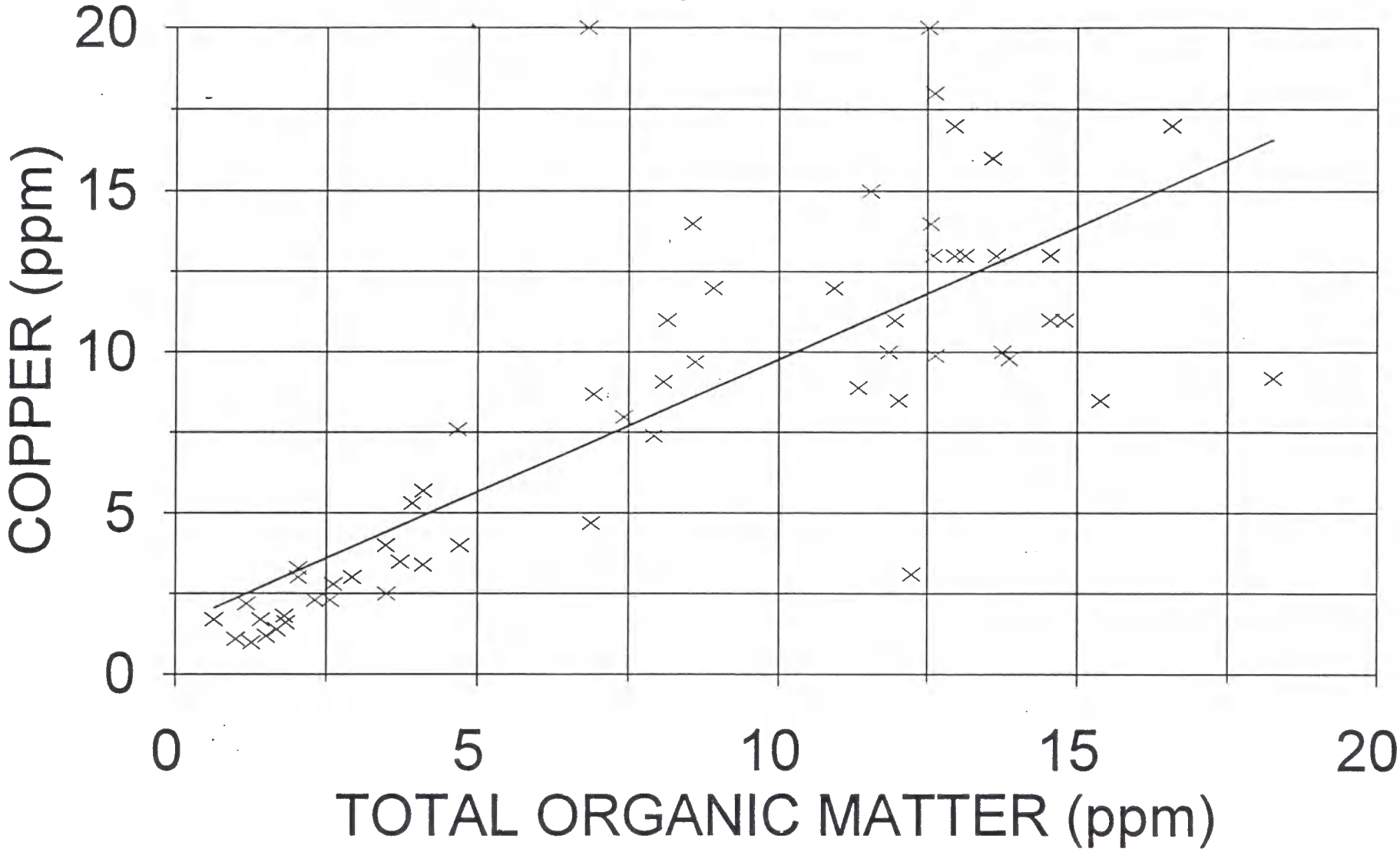


GRAPH 14

BRUNSWICK COMMUNITY STUDY 12/95

COPPER vs TOTAL ORGANIC MATTER

RIVER SEDIMENT

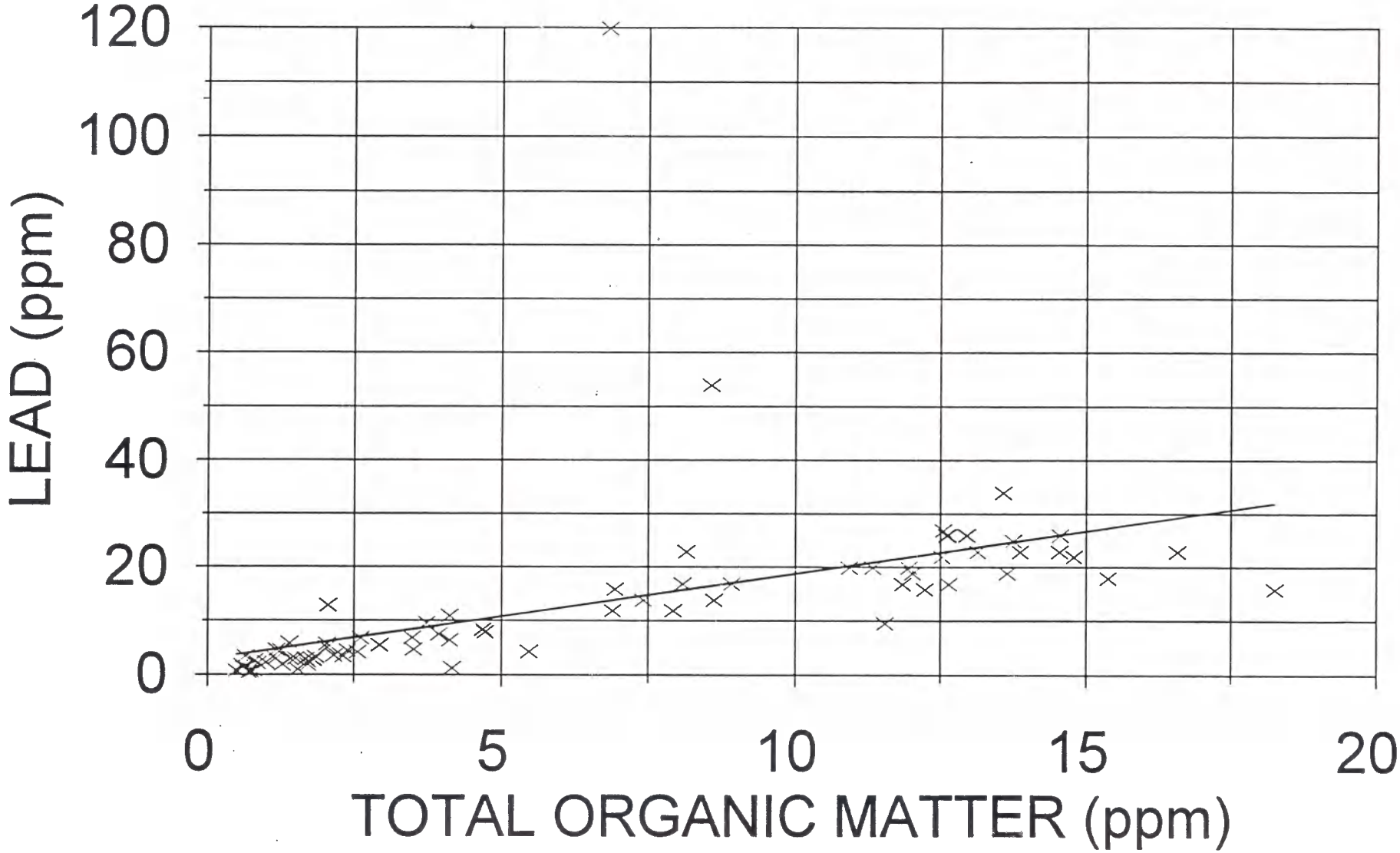


GRAPH 15

BRUNSWICK COMMUNITY STUDY 12/95

LEAD vs TOTAL ORGANIC MATTER

RIVER SEDIMENT

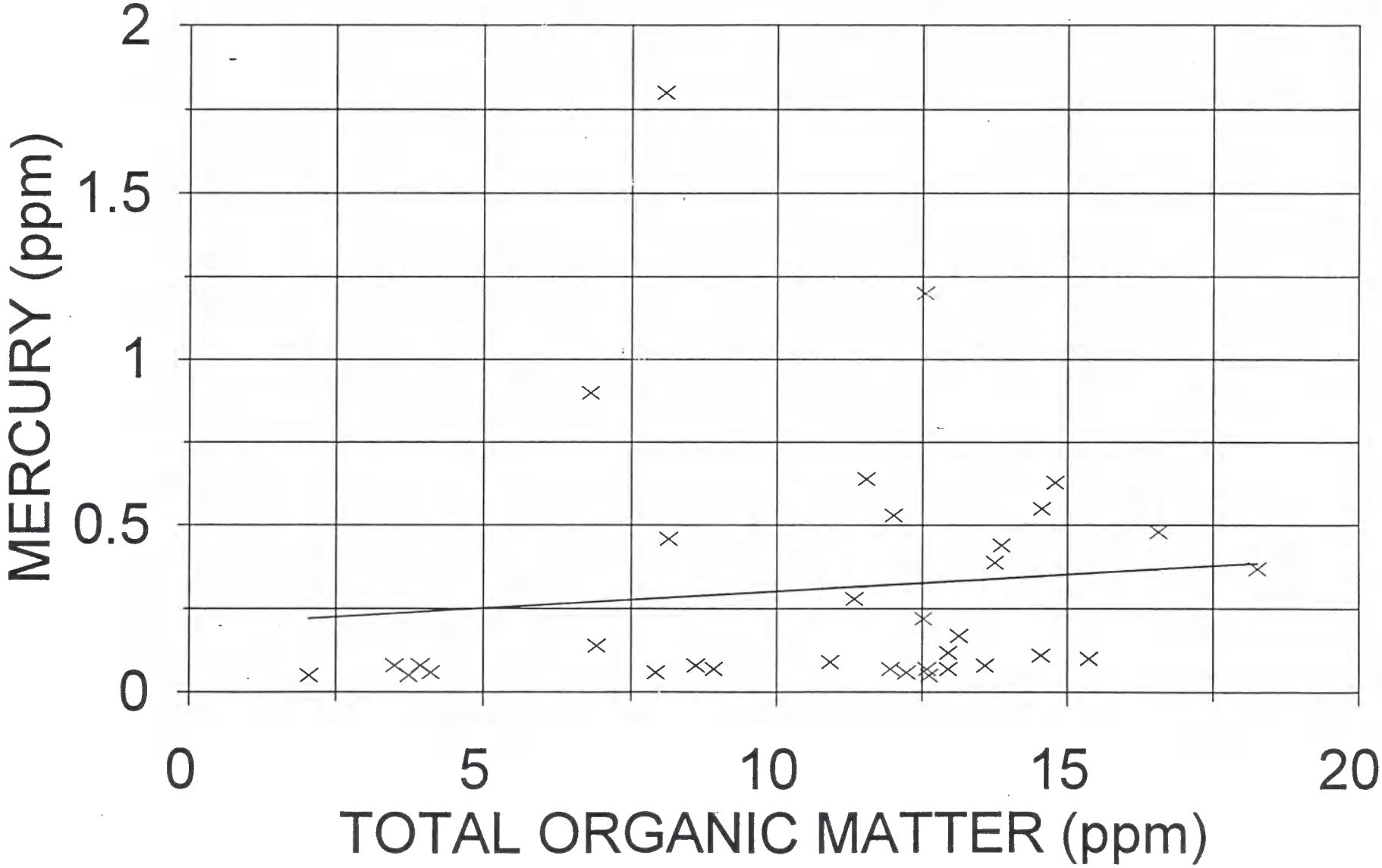


GRAPH 16

BRUNSWICK COMMUNITY STUDY 12/95

MERCURY vs TOTAL ORGANIC MATTER

RIVER SEDIMENT



GRAPH 17

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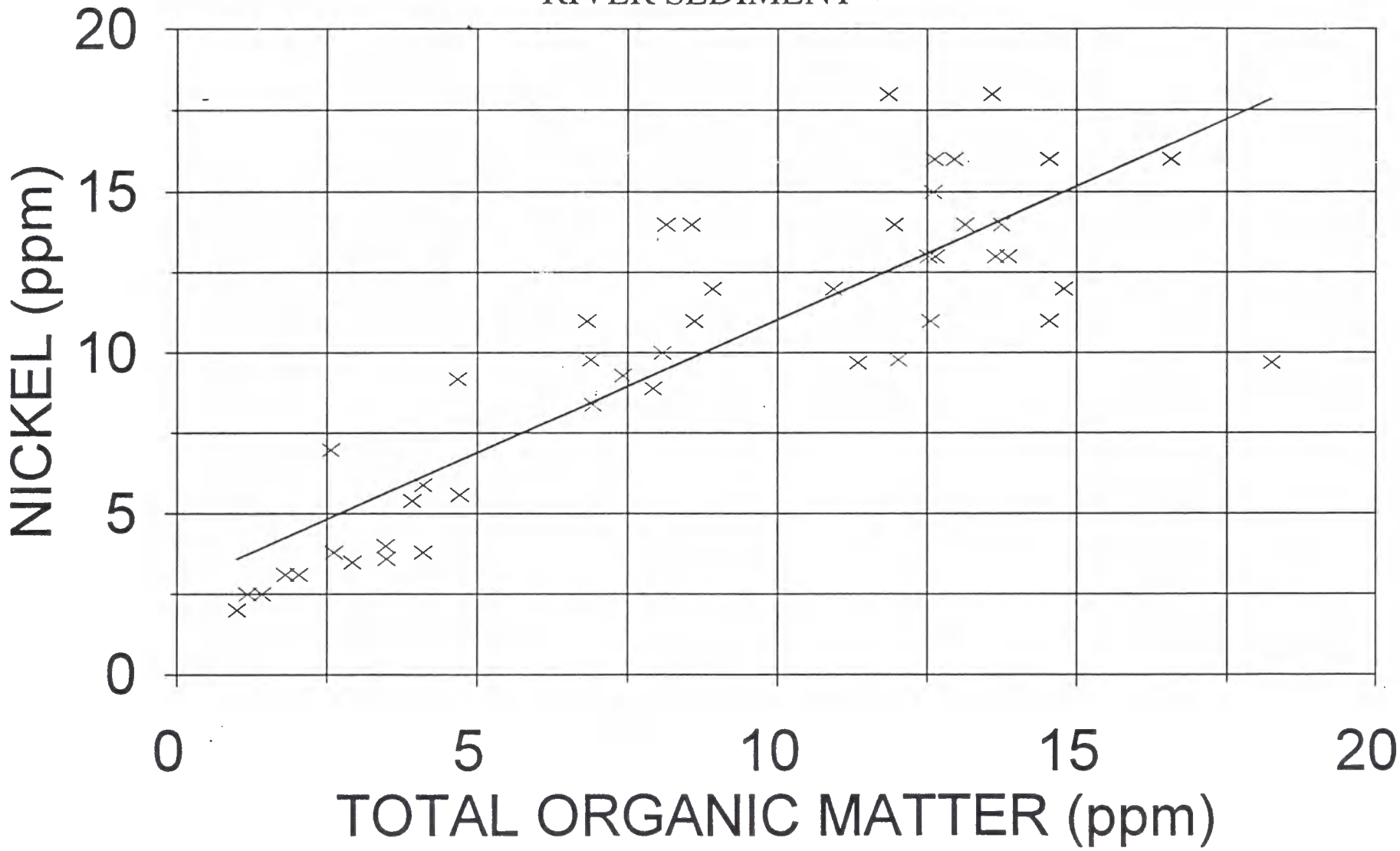
BRUNSWICK COMMUNITY STUDY 12/95

NICKEL vs TOTAL ORGANIC MATTER

RIVER SEDIMENT

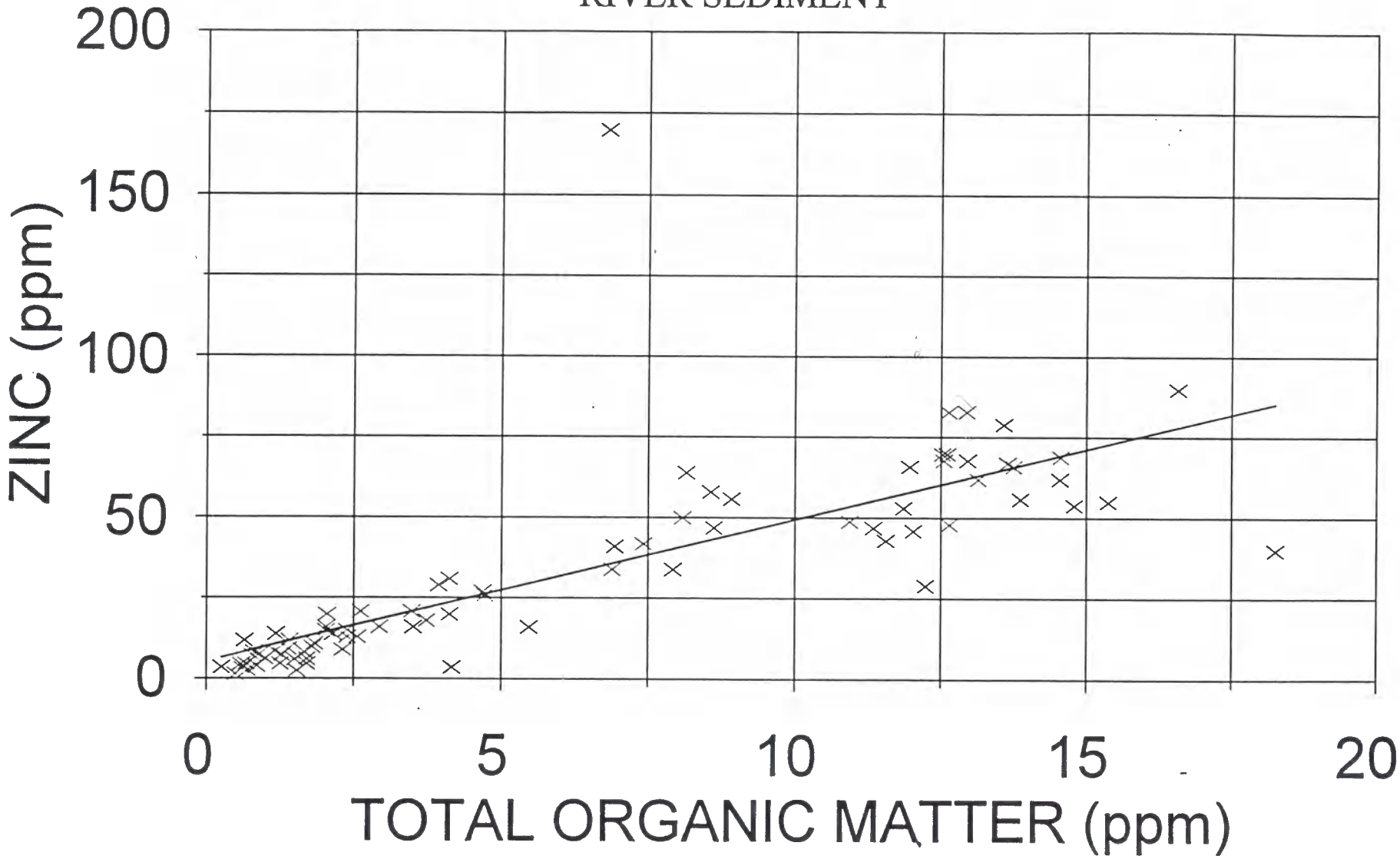


GRAPH 18

BRUNSWICK COMMUNITY STUDY 12/95

ZINC vs TOTAL ORGANIC MATTER

RIVER SEDIMENT

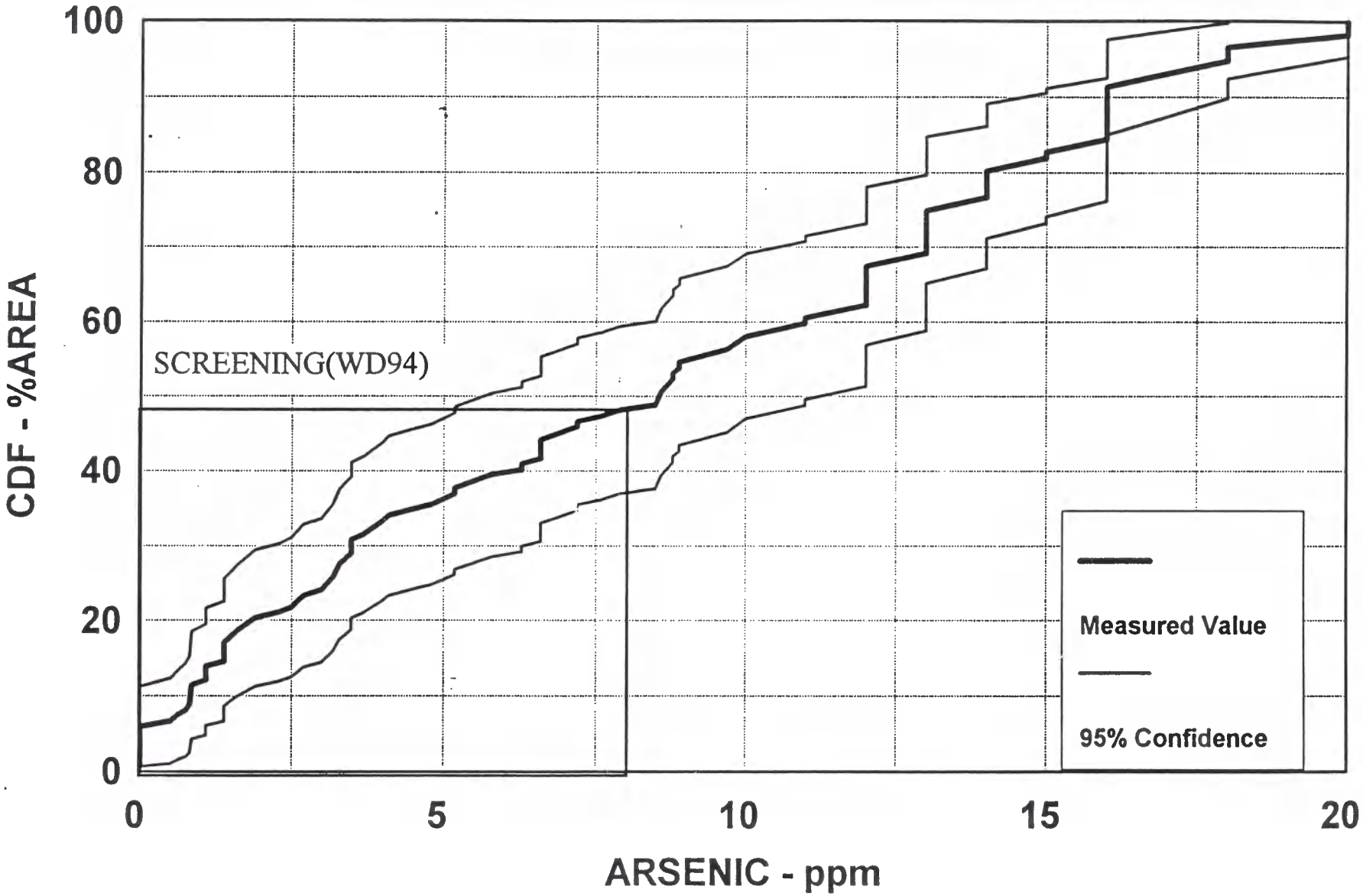


GRAPH 19

BRSDTORGZN.WB2

BRUNSWICK COMMUNITY STUDY 12/95

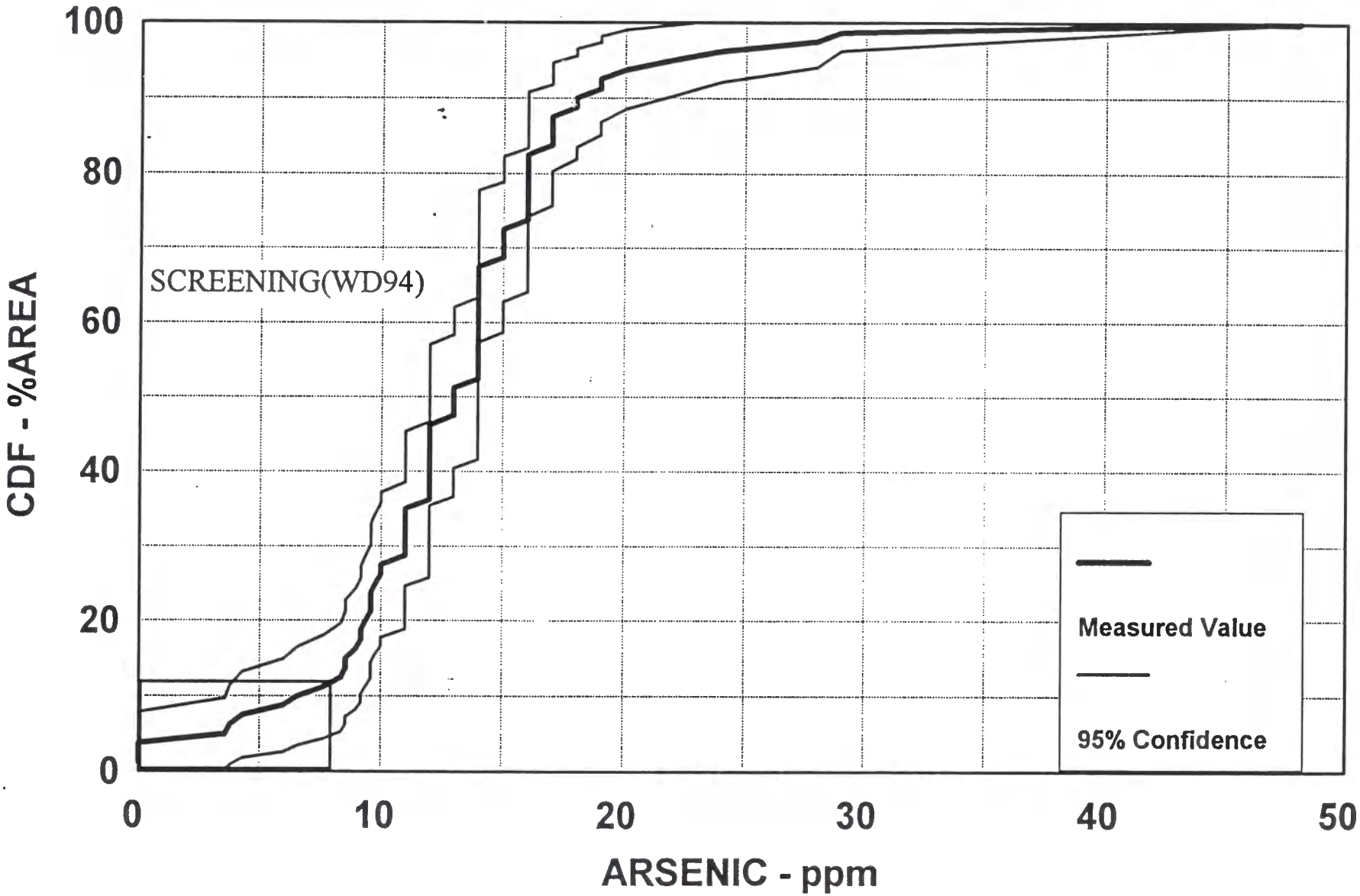
ARSENIC IN RIVER SEDIMENT



GRAPH 20

CDFTEST2.WB1
03/05/97 09:53

BRUNSWICK COMMUNITY STUDY 12/95
ARSENIC IN MARSH SEDIMENT

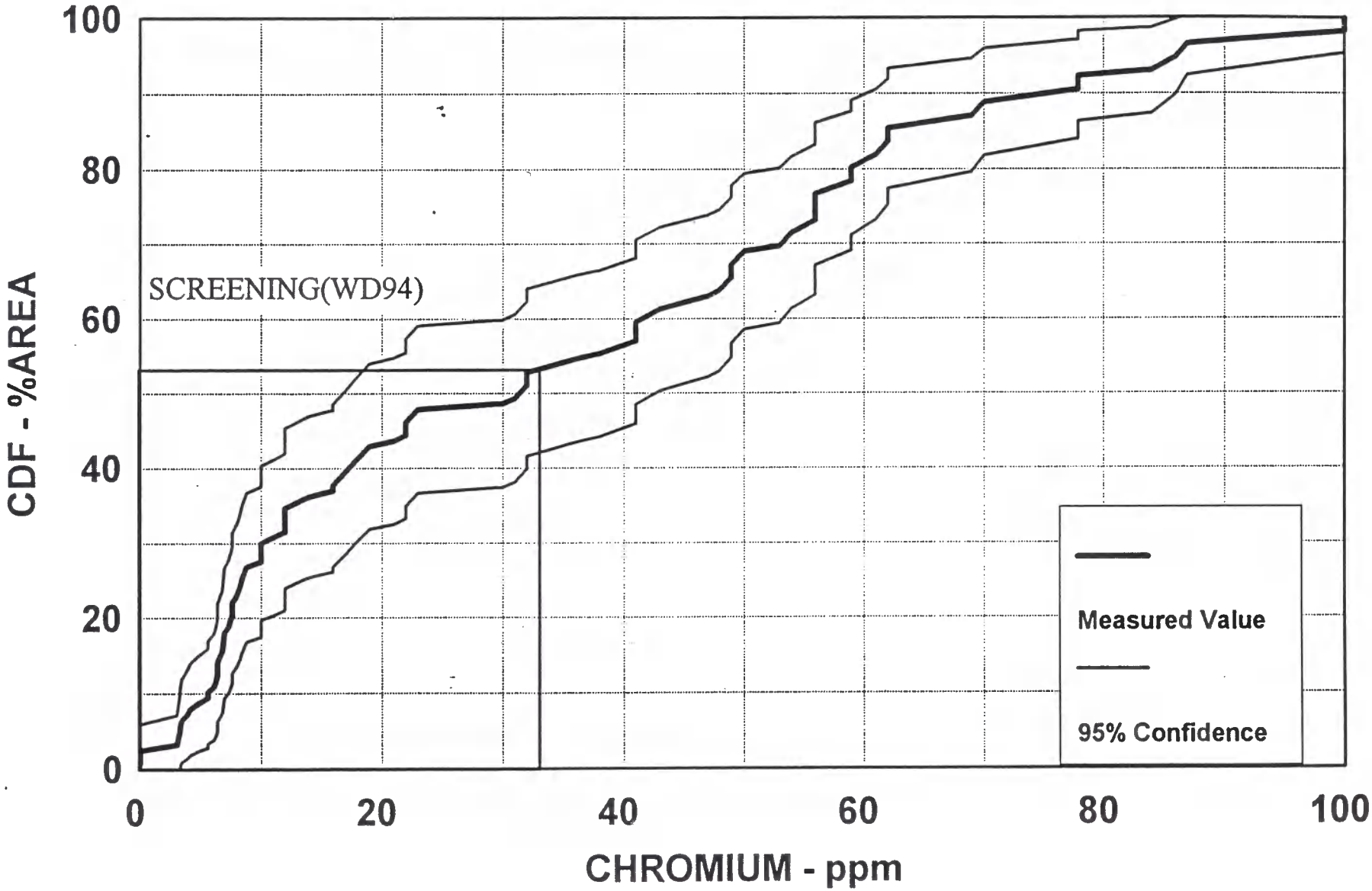


GRAPH 21

CDFTEST2.W
03/05/97 12

BRUNSWICK COMMUNITY STUDY 12/95

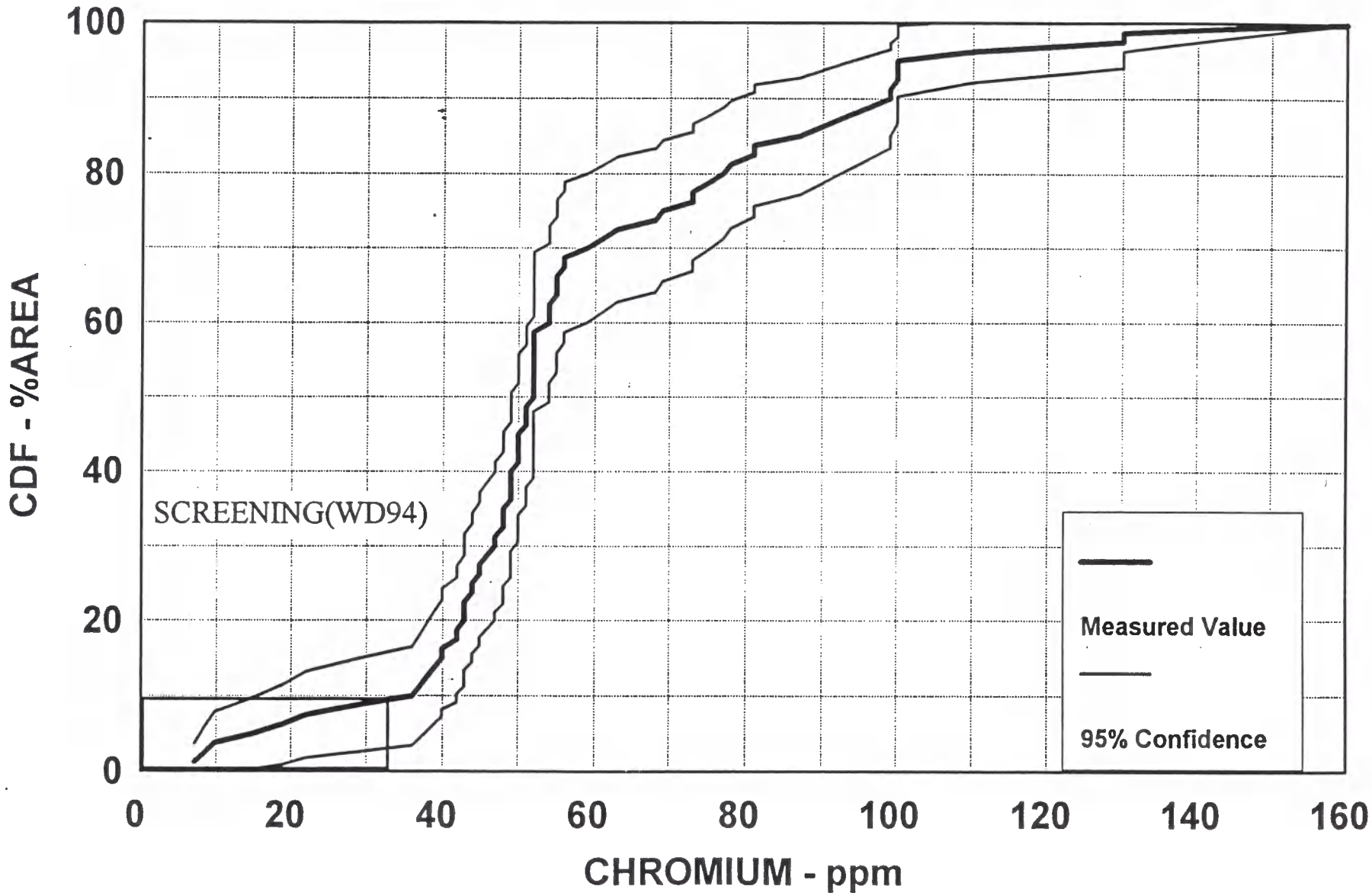
CHROMIUM IN RIVER SEDIMENT



GRAPH 22

CDFTEST2.WB1
03/05/97 09:36

BRUNSWICK COMMUNITY STUDY 12/95
CHROMIUM IN MARSH SEDIMENT

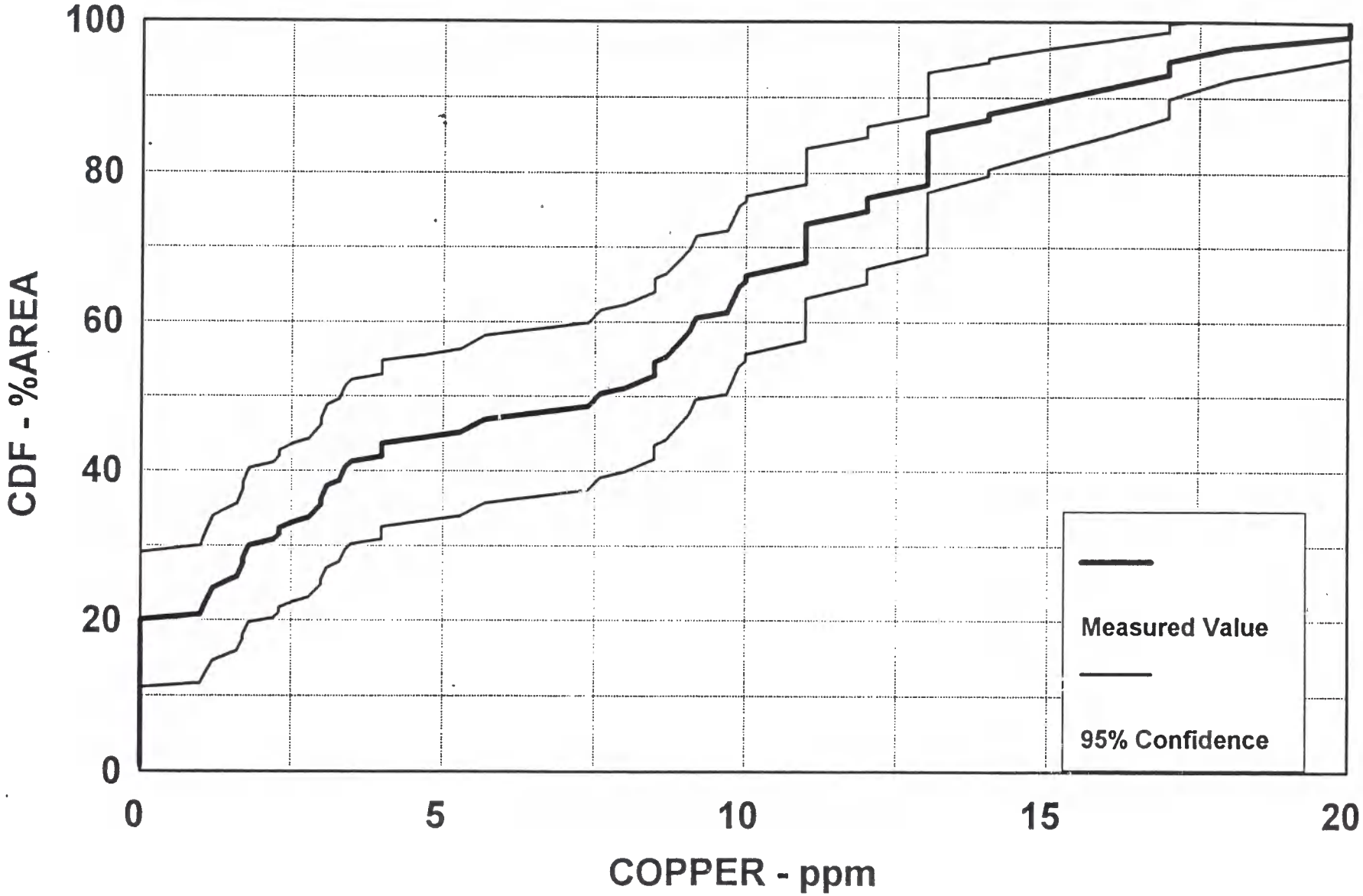


GRAPH 23

CDFTEST2.WB1
03/05/97 12:36

BRUNSWICK COMMUNITY STUDY 12/95

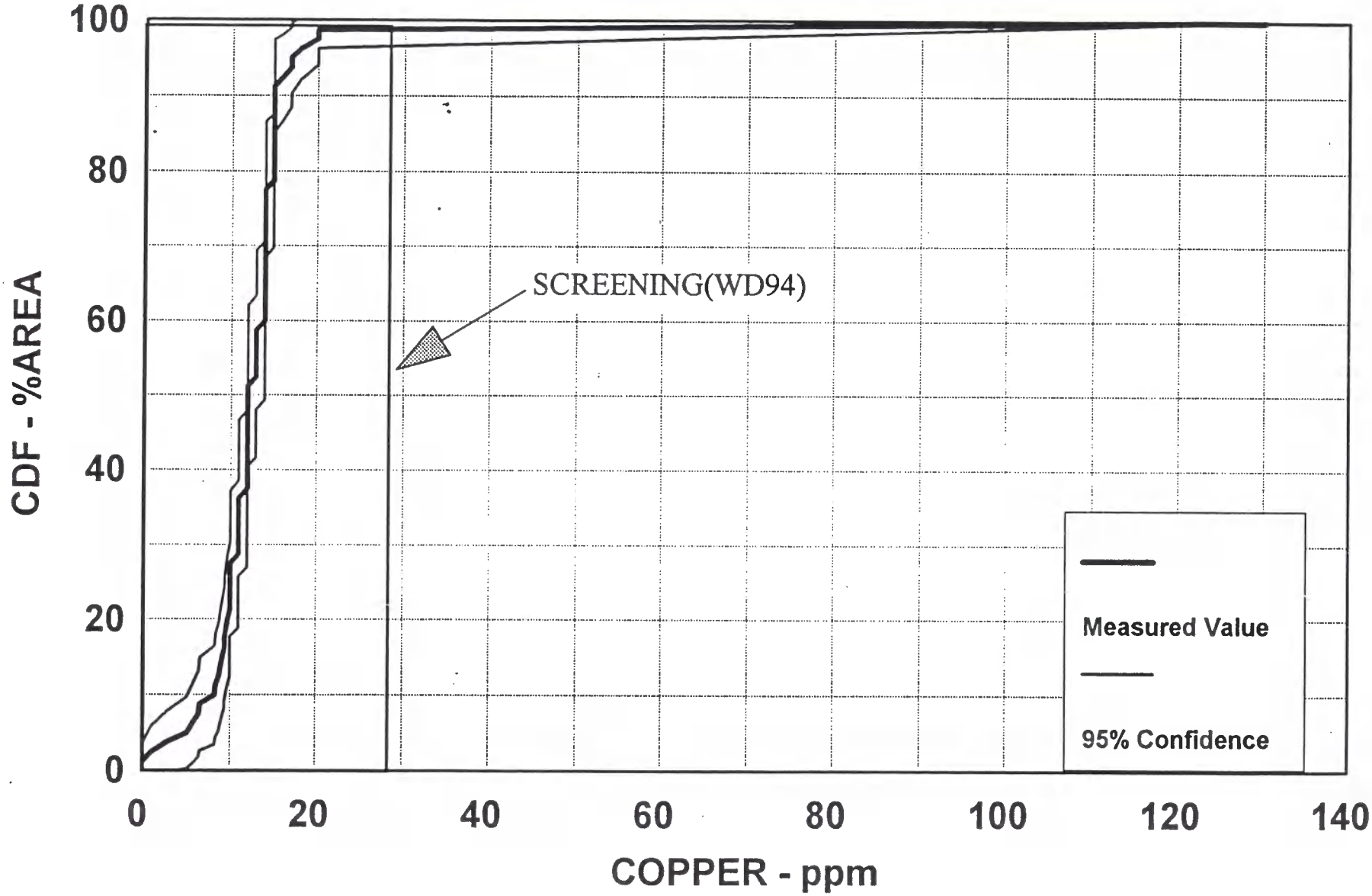
COPPER IN RIVER SEDIMENT



GRAPH 24

CDFTEST2.WB
03/05/97 10:0

BRUNSWICK COMMUNITY STUDY 12/95
COPPER IN MARSH SEDIMENT

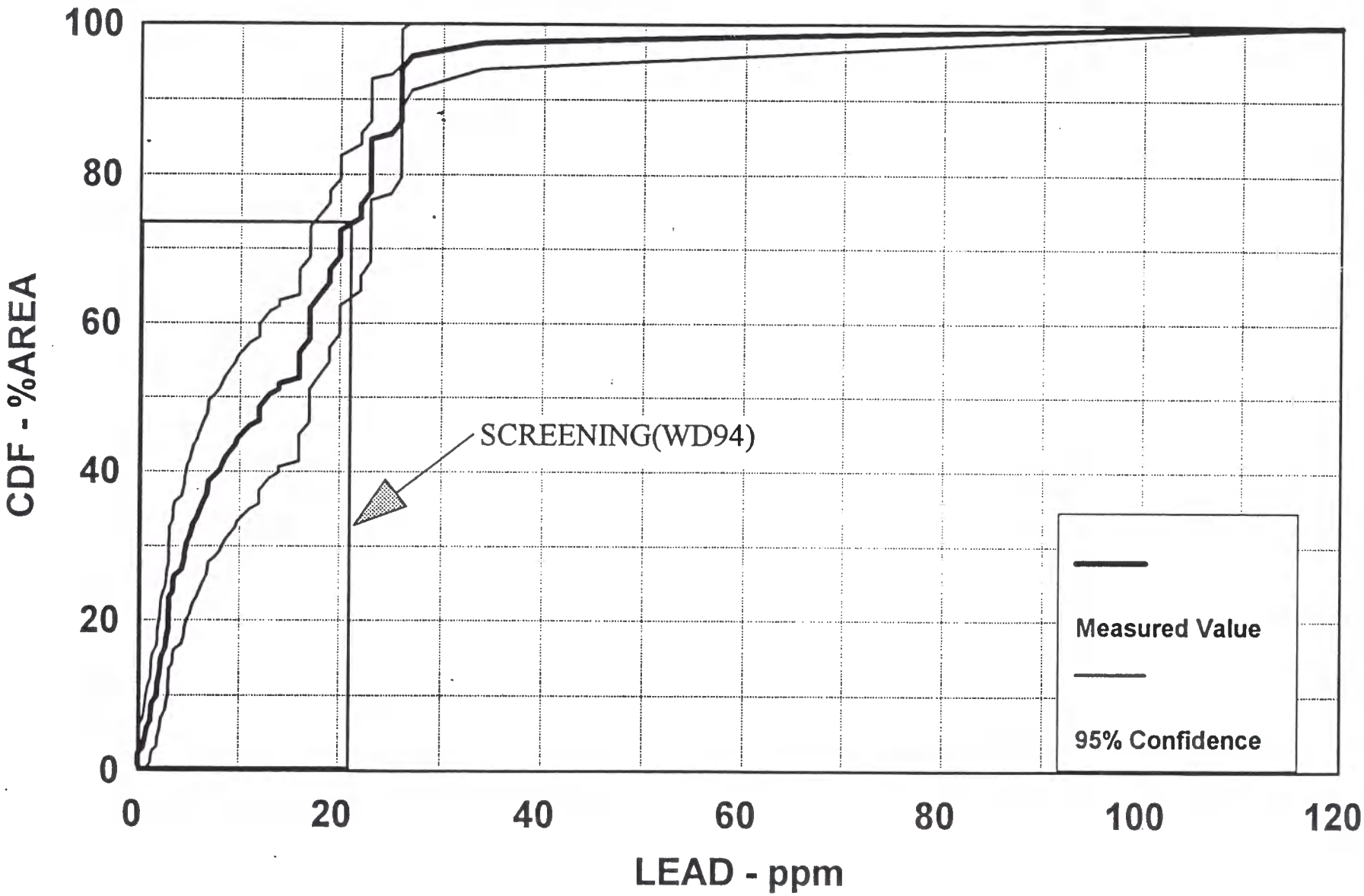


GRAPH 25

CDFTEST2.WI
03/06/97 0

BRUNSWICK COMMUNITY STUDY 12/95

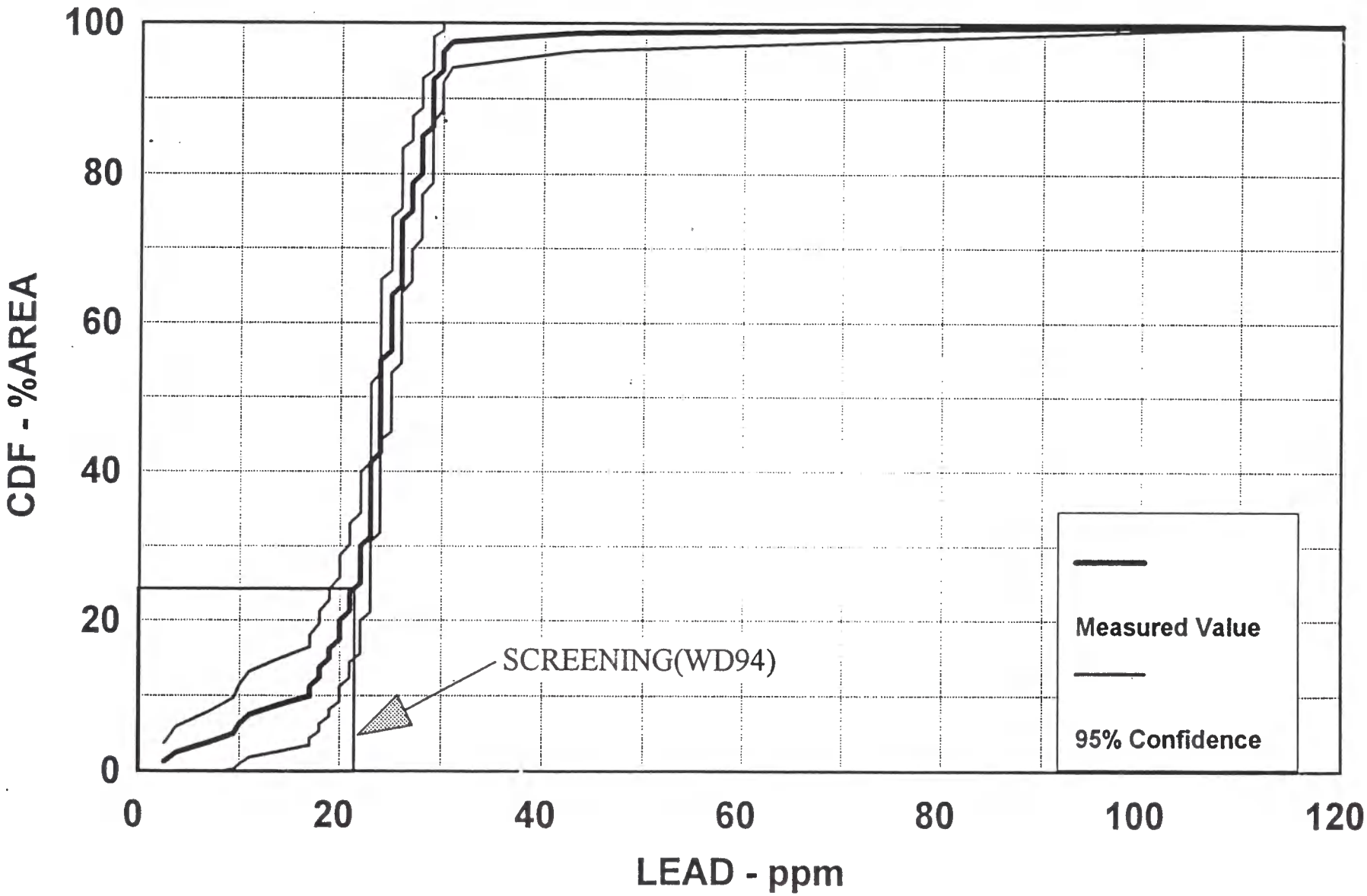
LEAD IN RIVER SEDIMENT



GRAPH 26

CDFTEST2.WB1
03/05/97 15:11

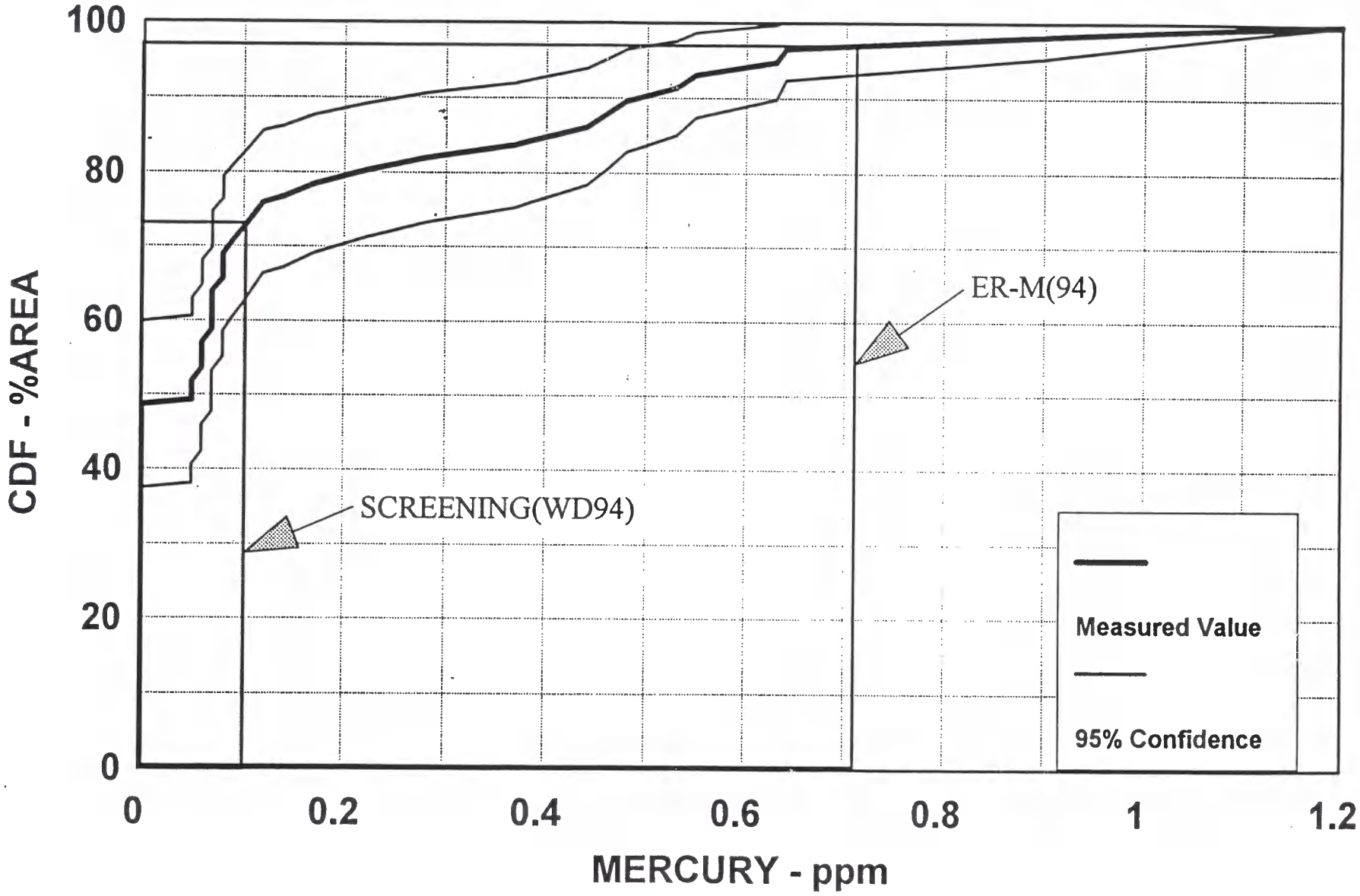
BRUNSWICK COMMUNITY STUDY 12/95
LEAD IN MARSH SEDIMENT



GRAPH 27

CDFTEST2.WB1
03/06/97 09:48

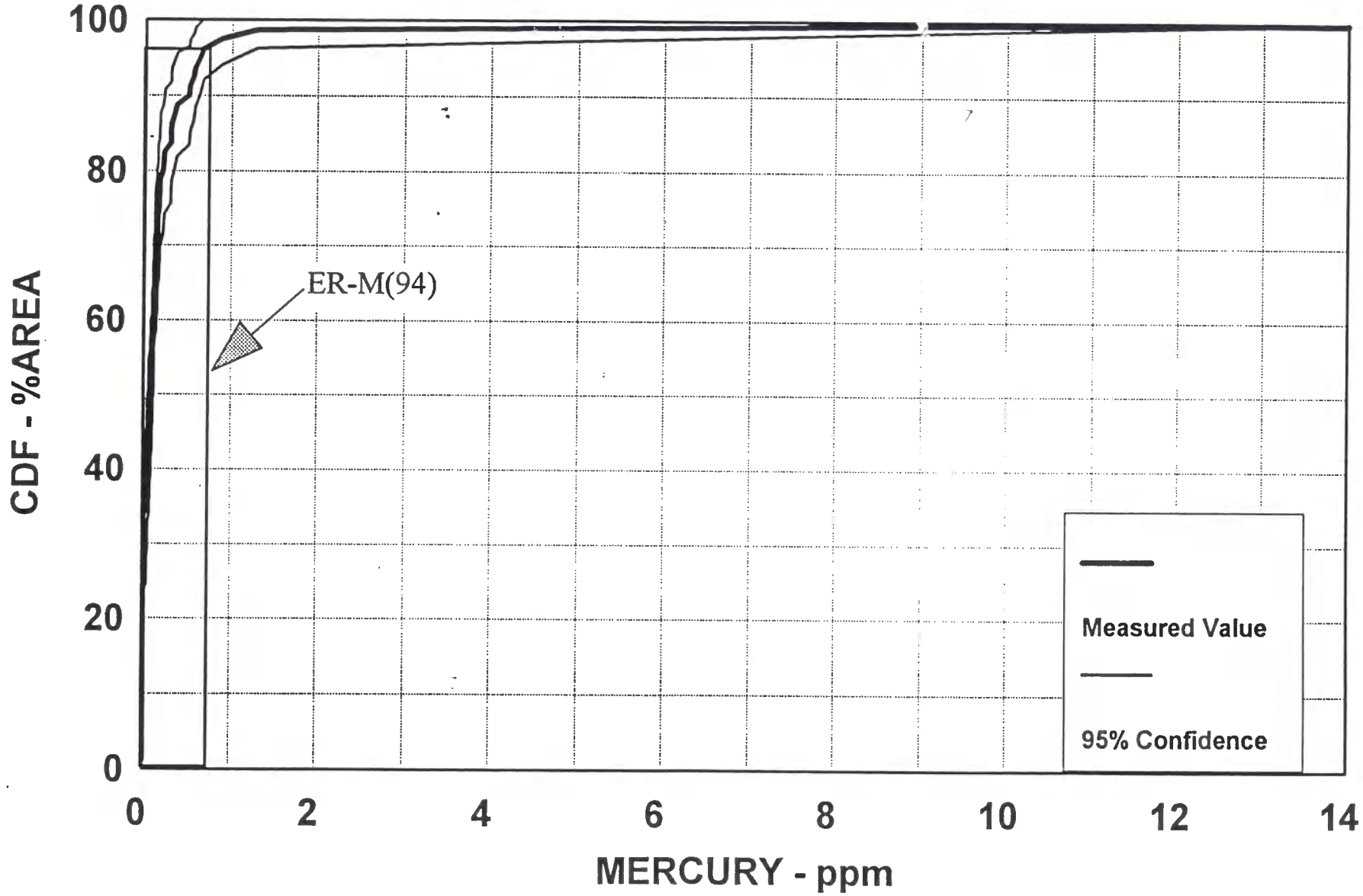
BRUNSWICK COMMUNITY STUDY 12/95
MERCURY IN RIVER SEDIMENT



GRAPH 28

CDFTEST2.WB1
03/05/97 15:26

BRUNSWICK COMMUNITY STUDY
MERCURY IN MARSH SEDIMENT

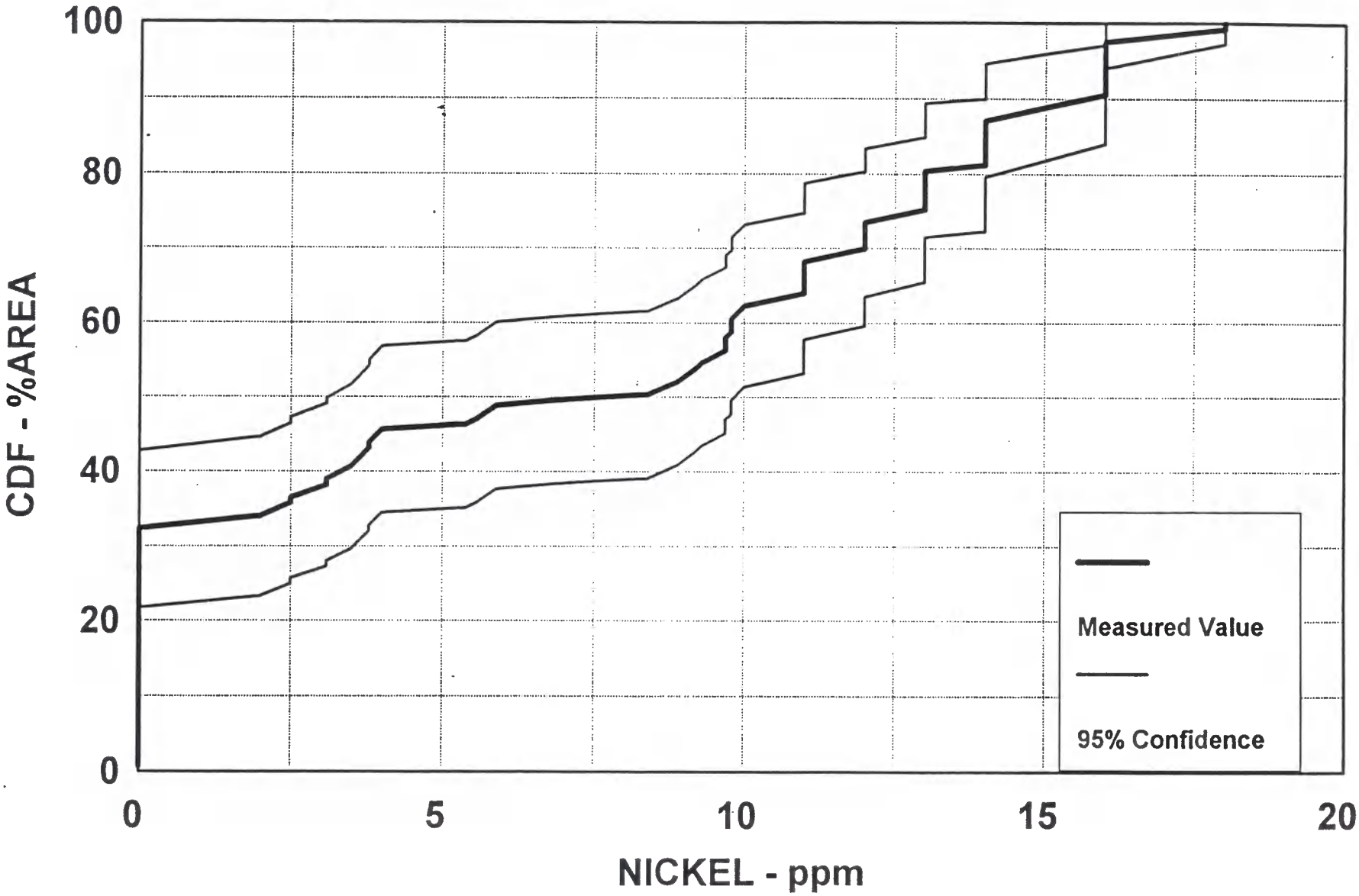


GRAPH 29

CDFTEST2.WB
03/05/97 14

BRUNSWICK COMMUNITY STUDY 12/95

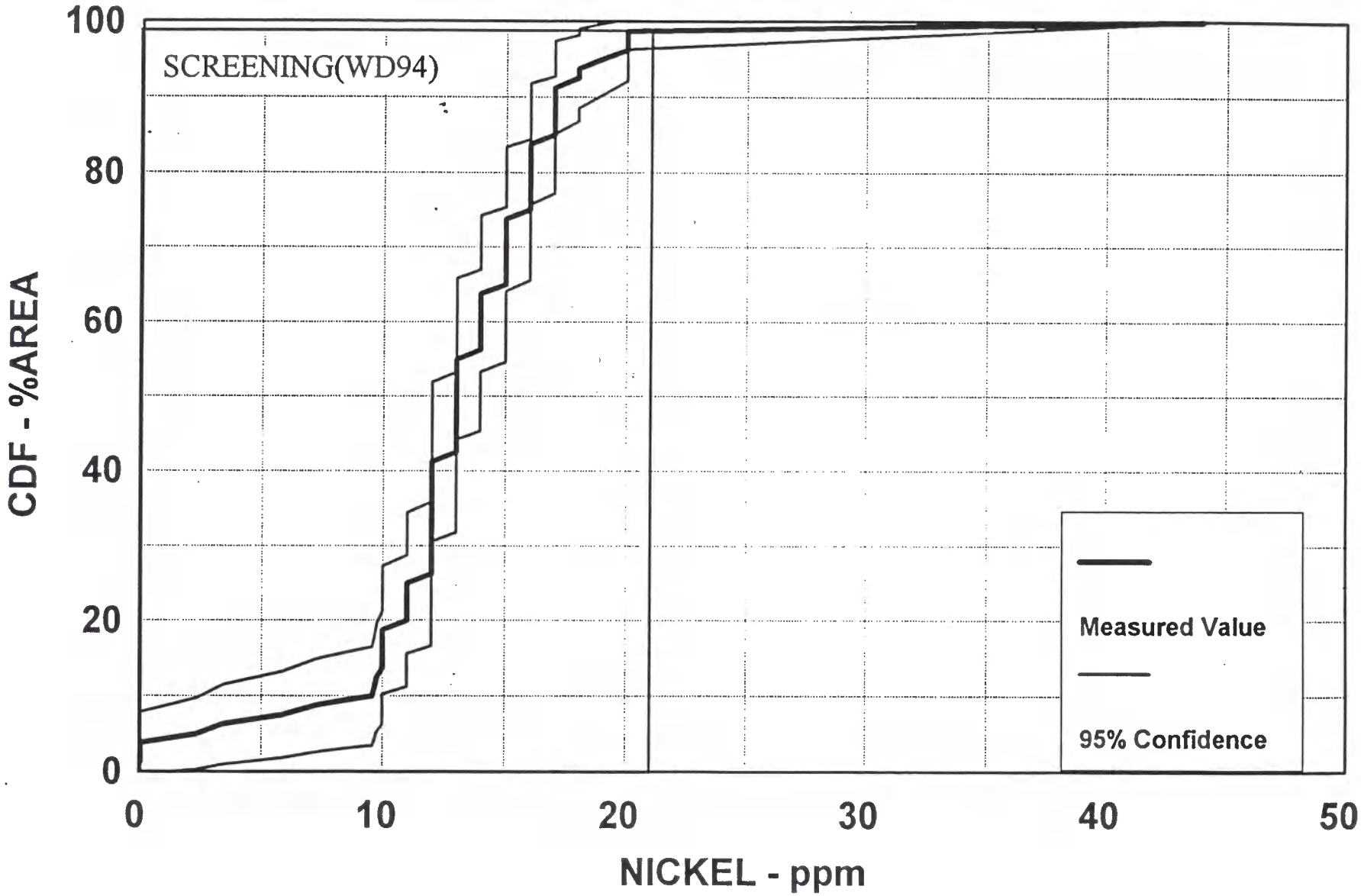
NICKEL IN RIVER SEDIMENT



GRAPH 30

CDFTEST2.WB1
03/05/97 14:58

BRUNSWICK COMMUNITY STUDY
NICKEL IN MARSH SEDIMENT

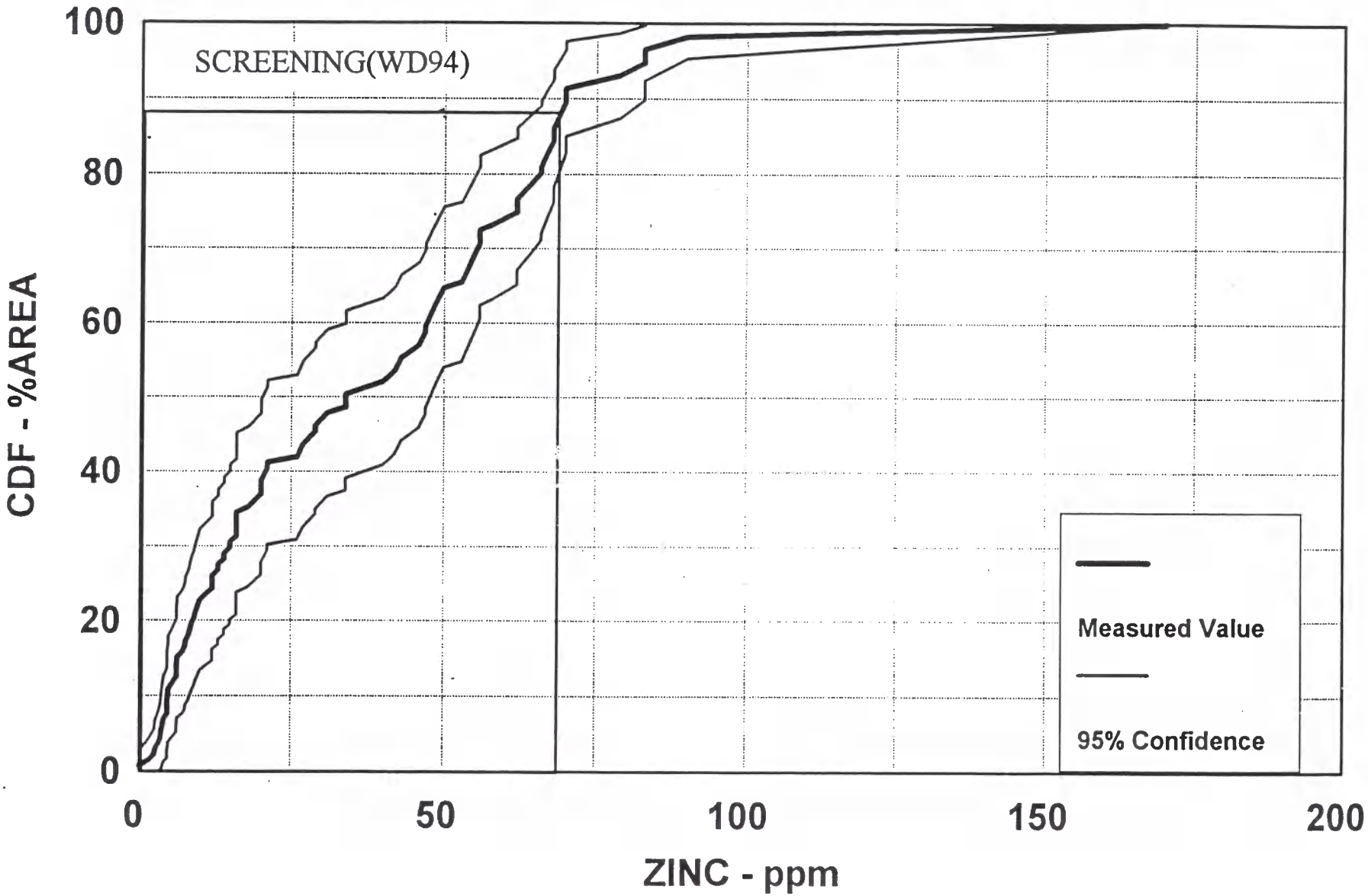


GRAPH 31

CDFTEST2.WB1
03/05/97 14:17

BRUNSWICK COMMUNITY STUDY 12/95

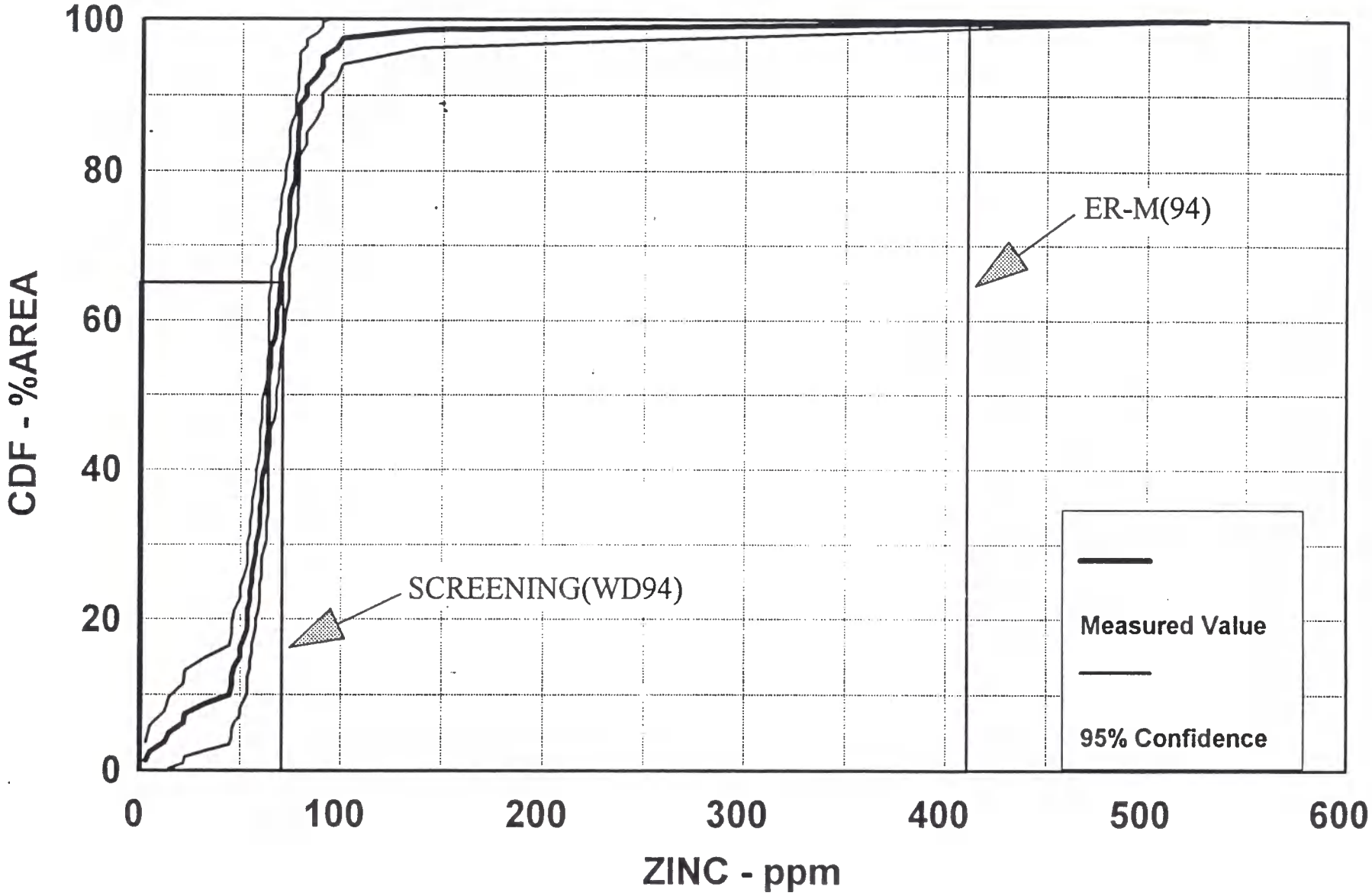
ZINC IN RIVER SEDIMENT



GRAPH 32

CDFTEST2.W
03/05/97 1

BRUNSWICK COMMUNITY STUDY 12/95
ZINC IN MARSH SEDIMENT

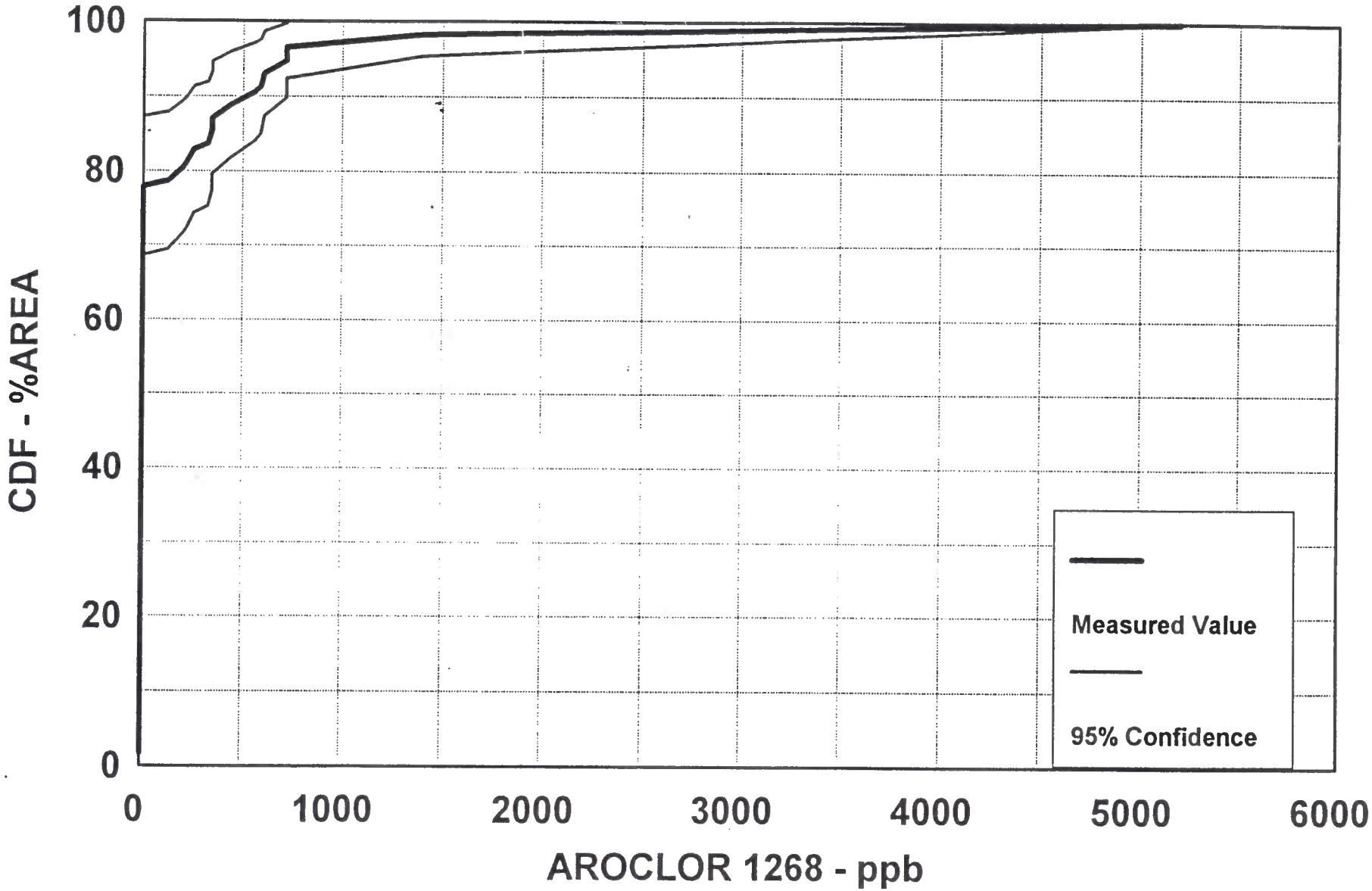


GRAPH 33

CDFTEST2.WI
03/06/97 1

BRUNSWICK COMMUNITY STUDY 12/95

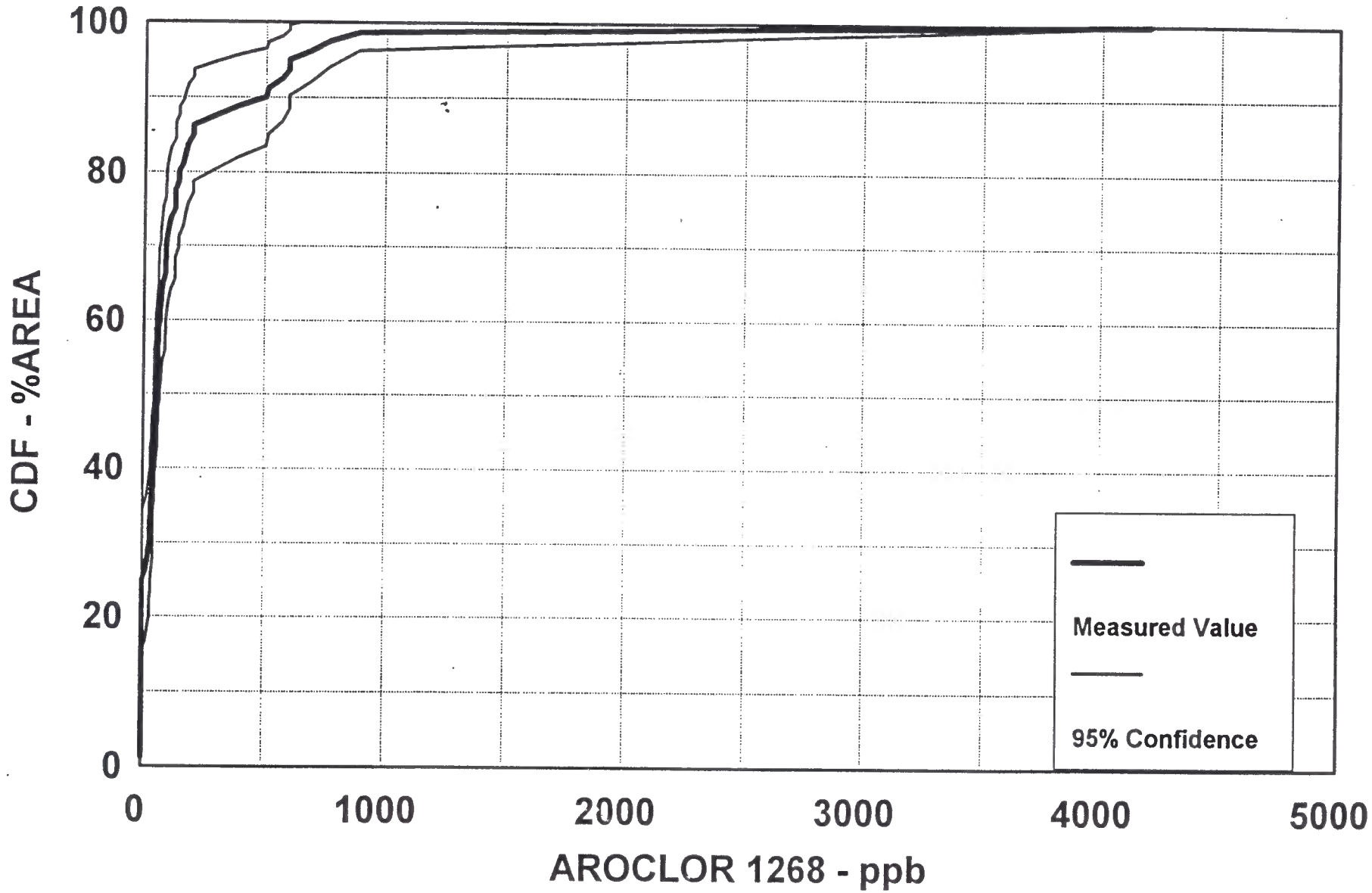
AROCLOR 1268 IN RIVER SEDIMENT



GRAPH 34

CDFTEST2.WB1

BRUNSWICK COMMUNITY STUDY 12/95
AROCLOR 1268 IN MARSH SEDIMENT



GRAPH 35

CDFTEST2.WB1

7.0 TABLES

TABLE 1: Sediment Toxicity Values
TABLE 2: Target Analyte List (TAL)
TABLE 3: Target Compound List (TCL)
TABLE 4: Brunswick Surface Water Sampling Locations
TABLE 5: Brunswick Tidal Marsh Sampling Locations
TABLE 6: Data Quality Objectives (DQOs)

TABLE 1

SEDIMENT TOXICITY VALUES

Metals (mg/kg)	Screening(WD94)[1]	NOEL[2]	ER-L(94)[3]	ER-M(94)[3]
Arsenic	8	8	8.2	70
Cadmium	1	1	1.2	9.6
Chromium	33	33	81	370
Copper	28	28	34	270
Lead	21	21	46.7	218
Mercury	0.1	0.1	0.15	0.71
Nickel	20.9	---	20.9	51.6
Silver	2	0.5	1	3.7
Zinc	68	68	150	410

Organic Compounds (ug/kg)	NOEL	ER-L(94)	ER-M(94)
Acenaphthene	22.0	16.00	500.00
Acenaphthylene		44.00	640.00
Anthracene	85.0	85.30	1100.00
Fluroene	18.0	19.00	540.00
2-Methyl Naphthalene		70.00	670.00
Naphthalene	130.0	160.00	2100.00
Phenanthrene	140.0	240.00	1500.00
Low Mol. Wt. PAH	250.0	552.00	3160.00
Benz (a)anthracene	160.0	261.00	1600.00
Benzo (a) pyrene	230.0	430.00	1600.00
Chrysene	220.0	384.00	2800.00
Dibenzo (a,h) anthracene	31.0	63.40	260.00
Fluoranthene	380.0	600.00	5100.00
Pyrene	290.0	665.00	2600.00
High Mol. Wt. PAH	870.0	1700.00	9600.00
Total PAH	2900.0	4022.00	44792.00
Total PCBs	24.0	22.70	180.00

1. United States Environmental Protection Agency, Region IV, Waste Management Division. 1994. Sediment Screening Values for Hazardous Waste Sites.
2. MacDonald, D.D., 1993. Development of an Approach to the Assessment of Sediment Quality in Florida Coastal Waters.
3. Long, Edward R., Donald D. MacDonald, and Sherri L. Smith. 1994. Incidence of Adverse Biological Effects within Ranges of Chemical Concentrations in Marine and Estuarine Sediments. Draft for Environmental Management.

TABLE 2

TARGET ANALYTE LIST

Aluminum
Antimony
Barium
Beryllium
Cadmium
Calcium
Chromium
Cobalt
Copper
Cyanide
Iron
Lead
Magnesium
Manganese
Mercury
Nickel
Potassium
Selenium
Silver
Sodium
Thallium
Vanadium
Zinc

TABLE 3

TARGET COMPOUND LIST

PURGEABLE ORGANIC COMPOUNDS	PESTICIDES/AROCLORS
Chloromethane	alpha-BHC
Bromomethane	beta-BHD
Vinyl Chloride	delta-BHC
Chloroethane	gamma-BHC (Lindane)
Methylene Chloride	Heptachlor
Acetone	Aldrin
Carbon Disulfide	Heptachloro epoxide
1,1-Dichloroethene	Endosulfan I
1,1-Dichloroethane	Dieldrin
1,2-Dichloroethene (total)	4,4'-DDE
Chloroform	Endrin
1,2-Dichloroethane	Endosulfan II
2-Butanone	4,4'-DDD
1,1,1-Trichloroethane	Endosulfan sulfate
Carbon Tetrachloride	4,4'-DDT
Bromodichloromethane	Methoxychlor
1,2-Dichloropropane	Endrin ketone
cis-1,3-Dichloropropene	Endrin aldehyde
Trichloroethene	alpha-Chlordane
Dibromochloromethane	gamma-Chlordane
1,1,2-Trichloroethane	Toxaphene
Benzene	Arochlor-1016
trans-1,3-Dichloropropene	Arochlor-1221
Bromoform	Aroclor-1232
4-Methyl-2-pentanone	Aroclor-1242
2-Hexanone	Aroclor-1248
Tetrachloroethene	Aroclor-1254
1,1,2,2-Tetrachloroethane	Aroclor-1260
Toluene	
Chlorobenzene	
Ethylbenzene	
Styrene	
Xylenes (total)	

EXTRACTABLE ORGANIC COMPOUNDS
(TABLE 3 CONTINUED)

Phenol
bis-(2-Chloroethyl) ether
2-Chlorophenol
1,3-Dichlorobenzene
1,4-Dichlorobenzene
1,2-Dichlorobenzene
2-Methylphenol
2,2'-oxybis (1-Chloropropane)
4-Methylphenol
N-Nitroso-di-n-propylamine
Hexachloroethane
Nitrobenzene
Isophorone
2-Nitrophenol
2,4-Dimethylphenol
bis (2-Chloroethoxy) methane
2,4-dichlorophenol
1,2,4-Trichloro-benzene
Naphthalene
4-Chloroaniline
Hexachlorobutadiene
4-Chloro-3-methylphenol
2-Methylnaphthalene
Hexachlorocyclo-pentadiene
2,4,6-Trichlorophenol
2,4,5-Trichlorophenol
2-Chloronaphthalene
2-Nitroaniline
Dimethylphthalate
Acenaphthylene
2,6-Dinitrotoluene
3-Nitroaniline
Acenaphthene
2,4-Dinitrophenol
4-Nitrophenol
Dibenzofuran
2,4-Dinitrotoluene
Diethylphthalate
4-Chlorophenyl-phenyl ether
Fluorene
4-Nitroaniline
4,6-Dinitro-2-methylphenol
N-Nitroso-diphenylamine
4-Bromophenyl-phenylether
Hexachlorobenzene
Pentachlorophenol
4,6-Dinitro-2-methylphenol
N-Nitroso-diphenylamine
4-Bromophenyl-phenylether
Hexachlorobenzene
Pentachlorophenol
Phenanthrene
Anthracene
Carbazole
Di-n-butylphthalate
Fluroanthene
Pyrene
Butylbenzylphthalate
3,3'-Dichlorobenzidine
Benzo(a)anthracene
Chrysene
bis (2-Ehtylhexyl) phthalate
Di-n-octylphthalate
Benzo (b) fluoranthene
Benzo (k) fluoranthene
Benzo (a) pyrene
Indeno (1,2,3-cd)-pyrene
Dibenzo (a,h)-anthracene
Benzo (g,h,i) perylene

TABLE 4
Brunswick Surface Water
Sampling Locations

STATION_ID	LAT_DMS	LONG_DMS
BR001	31 15 0.2808	-81 25 6.4488
BR002	31 13 52.1292	-81 25 52.1220
BR003	31 13 10.6932	-81 33 45.0108
BR004	31 12 58.3128	-81 24 7.5312
BR005	31 12 49.9644	-81 34 33.1248
BR006	31 11 17.0556	-81 25 42.9960
BR007	31 10 40.5840	-81 27 44.8380
BR008	31 10 34.0500	-81 31 46.7508
BR009	31 9 55.3392	-81 25 3.2880
BR010	31 9 47.2572	-81 31 33.8700
BR011	31 9 12.0168	-81 34 9.3504
BR012	31 8 59.0424	-81 31 6.1680
BR013	31 8 13.5636	-81 25 10.2108
BR014	31 7 43.3092	-81 25 35.7096
BR015	31 7 37.4052	-81 29 41.0352
BR016	31 7 22.1376	-81 26 26.7720
BR017	31 7 3.1260	-81 29 53.7540
BR018	31 6 43.0272	-81 28 48.9360
BR019	31 6 24.5088	-81 25 22.3716
BR020	31 5 44.8188	-81 26 2.6628
BR021	31 5 8.0088	-81 26 53.4912
BR022	31 15 29.4372	-81 24 8.2764
BR023	31 13 40.2132	-81 35 22.7328
BR024	31 13 35.6448	-81 26 42.9288
BR025	31 12 46.8540	-81 25 6.6612
BR026	31 11 54.4200	-81 33 2.9700
BR027	31 11 53.6640	-81 26 59.1756
BR028	31 11 22.9632	-81 32 9.6828
BR029	31 10 57.3456	-81 25 28.0992
BR030	31 10 14.6388	-81 27 3.6396
BR031	31 9 26.5860	-81 31 44.6520
BR032	31 9 3.5820	-81 30 32.9580
BR033	31 8 52.6776	-81 32 39.0768
BR034	31 8 29.0940	-81 25 51.2184
BR035	31 7 34.7088	-81 25 13.1412
BR036	31 7 20.7840	-81 29 23.2836
BR037	31 6 55.4652	-81 30 38.0484
BR038	31 6 26.0820	-81 25 42.7872
BR039	31 5 36.3120	-81 26 20.9940
BR040	31 4 28.1784	-81 27 37.6164
BR041	31 3 41.4792	-81 25 38.1900
BR042	31 16 18.5808	-81 24 26.9172
BR043	31 15 11.1888	-81 23 13.4808
BR044	31 13 19.5924	-81 32 51.4212
BR045	31 12 41.7420	-81 35 53.3040
BR046	31 12 31.8456	-81 25 36.5736
BR047	31 12 4.3452	-81 24 51.9408
BR048	31 11 52.8252	-81 31 24.5964
BR049	31 10 2.7840	-81 28 19.0344
BR050	31 9 58.9356	-81 34 12.7200
BR051	31 9 17.8632	-81 25 11.0568
BR052	31 8 47.2164	-81 25 53.5008
BR053	31 8 44.5164	-81 29 54.5604
BR054	31 8 44.3904	-81 27 44.2836
BR055	31 8 11.0220	-81 32 21.0300
BR056	31 8 7.3608	-81 25 30.1980
BR057	31 7 23.3364	-81 30 19.8972
BR058	31 7 3.5436	-81 27 47.7468
BR059	31 6 26.3952	-81 27 55.7172
BR060	31 6 9.4248	-81 26 30.6636
BR061	31 5 35.3832	-81 27 26.1756
BR062	31 13 57.0144	-81 23 54.0312
BR063	31 13 45.0228	-81 35 25.3788
BR064	31 12 46.1772	-81 26 4.5240
BR065	31 12 44.2404	-81 33 14.2920
BR066	31 12 22.2372	-81 27 23.2272
BR067	31 12 10.2924	-81 24 3.6036
BR068	31 11 46.6872	-81 35 2.0832
BR069	31 10 59.0160	-81 31 14.0988
BR070	31 10 38.8812	-81 33 56.2032
BR071	31 9 45.2484	-81 30 18.7272
BR072	31 9 40.8708	-81 26 34.1844
BR073	31 8 49.0992	-81 26 10.7124
BR074	31 8 43.1376	-81 31 31.8756
BR075	31 8 36.8880	-81 25 13.0008
BR076	31 8 0.6864	-81 31 3.1980
BR077	31 7 19.2432	-81 28 58.8216
BR078	31 7 18.1776	-81 24 49.1364
BR079	31 6 24.5556	-81 26 40.6428
BR080	31 5 40.7796	-81 27 12.7764
BR081	31 5 32.4780	-81 28 42.4560

TABLE 5
Brunswick Tidal Marsh
Sampling Locations

STATION_ID	LATDMS	LONGDMS
BM001	31 17 38.5908	-81 26 3.6888
BM002	31 17 2.2524	-81 25 6.7368
BM003	31 16 35.3820	-81 25 5.9520
BM004	31 16 20.3952	-81 24 32.6484
BM005	31 15 49.3596	-81 25 15.0456
BM006	31 15 40.3884	-81 23 42.8424
BM007	31 15 35.9784	-81 25 27.5700
BM008	31 14 55.9572	-81 23 30.4044
BM009	31 14 35.2860	-81 25 43.0860
BM010	31 14 28.7520	-81 35 1.9572
BM011	31 14 25.9152	-81 24 17.4204
BM012	31 14 24.3888	-81 24 57.4092
BM013	31 14 1.5324	-81 25 20.3592
BM014	31 13 57.8712	-81 24 20.5560
BM015	31 13 55.2000	-81 26 43.9980
BM016	31 13 48.1044	-81 35 36.4200
BM017	31 13 41.9016	-81 26 32.2368
BM018	31 13 27.1452	-81 32 46.6944
BM019	31 13 22.2564	-81 25 53.9292
BM020	31 12 54.7920	-81 24 50.6556
BM021	31 12 52.3620	-81 31 5.7072
BM022	31 12 39.9024	-81 27 42.2316
BM023	31 12 30.2040	-81 34 26.2920
BM024	31 12 24.3036	-81 36 2.5560
BM025	31 12 23.9904	-81 33 50.1768
BM026	31 12 20.2356	-81 25 59.2140
BM027	31 12 7.8012	-81 34 54.8004
BM028	31 12 9.7668	-81 23 45.5244
BM029	31 12 2.0664	-81 26 21.0840
BM030	31 12 1.6884	-81 24 15.3324
BM031	31 11 51.9504	-81 35 7.0512
BM032	31 11 45.2328	-81 31 36.9336
BM033	31 11 37.3992	-81 33 56.2716
BM034	31 11 34.4976	-81 27 35.2872
BM035	31 11 31.6500	-81 24 48.9492
BM036	31 11 24.5040	-81 26 42.8532
BM037	31 11 16.3320	-81 25 50.9376
BM038	31 11 11.3676	-81 30 52.2720
BM039	31 11 11.1840	-81 24 18.1080
BM040	31 11 8.6892	-81 34 36.9588
BM041	31 10 56.8236	-81 28 9.8184
BM042	31 10 52.2804	-81 33 38.6388
BM043	31 10 49.2816	-81 31 55.6572
BM044	31 10 42.8160	-81 25 43.4208
BM045	31 10 27.4044	-81 23 42.2772
BM046	31 10 25.9680	-81 26 30.7428
BM047	31 10 17.4252	-81 33 50.8140
BM048	31 10 6.6180	-81 27 52.6644
BM049	31 9 55.2780	-81 30 44.0568
BM050	31 9 50.8752	-81 27 36.0576
BM051	31 9 48.9420	-81 26 15.1764
BM052	31 9 45.7668	-81 28 2.4276
BM053	31 9 34.6896	-81 34 22.5768
BM054	31 9 31.7160	-81 25 43.6512
BM055	31 9 15.7212	-81 27 20.7684
BM056	31 9 10.4256	-81 25 1.5924
BM057	31 8 58.9416	-81 32 8.5416
BM058	31 8 58.0164	-81 33 31.7340
BM059	31 8 55.1004	-81 28 20.0856
BM060	31 8 36.0276	-81 30 3.5208
BM061	31 8 15.8064	-81 26 27.1284
BM062	31 8 13.3476	-81 32 1.7880
BM063	31 8 12.7860	-81 27 50.5404
BM064	31 7 55.0632	-81 28 28.2828
BM065	31 7 21.6768	-81 27 18.7020
BM066	31 7 13.9116	-81 28 12.5760
BM067	31 7 6.2040	-81 31 17.8860
BM068	31 6 39.7476	-81 30 6.1092
BM069	31 6 33.9192	-81 30 44.6868
BM070	31 6 13.2228	-81 25 11.0568
BM071	31 6 11.1312	-81 28 55.2108
BM072	31 5 37.1436	-81 25 45.2280
BM073	31 5 13.1568	-81 26 54.7116
BM074	31 4 58.5624	-81 26 10.5144
BM075	31 4 52.0896	-81 27 38.3112
BM076	31 4 48.4392	-81 26 40.6104
BM077	31 4 48.0288	-81 27 18.9576
BM078	31 3 44.2800	-81 26 44.7396
BM079	31 3 23.8716	-81 25 51.5100
BM080	31 2 54.4236	-81 25 43.2300

TABLE 6. DATA QUALITY OBJECTIVES FOR THE COMMUNITY BASED ENVIRONMENTAL STUDY IN BRUNSWICK, GEORGIA

SURFACE WATER	
LOCATION	Turtle and Mackay Rivers and associated tributaries
SAMPLE TYPE	Environmental, Surface Water Grab from tidal river and tributaries
DATA USE	Characterize Nature & Extent of Contamination
DATA TYPES	A. Field Measurements - TEMPERATURE, SALINITY Field Analytical Data Level - FIELD SCREENING B. Laboratory Analyses - VOA, BNA, PESTICIDES, PCB's, METALS, ULTRA TRACE LEVELS MERCURY, CYANIDE Laboratory Analytical Data Levels - DEFINITIVE
FIELD QA/QC	5% Split Samples, VOA Trip Blank, Metals and Cyanide Preservative Blank, An Equipment Blank will be collected once per week or if warranted
SAMPLING PROCEDURES	Section 4, *ECBSOPQAM*, and *ESBSOPM*
BACKGROUND/ CONTROL	Background/Control Samples will be collected from River and Creek Locations Upstream from the Study Area

SEDIMENT	
LOCATION	Turtle and Mackay Rivers and associated tributaries and marshes
SAMPLE TYPE	Environmental, Grab Samples from Rivers and Creeks and associated marshes
DATA USE	Characterize Nature & Extent of Contamination
DATA TYPES	A. Field Measurements - SEDIMENT PARTICLE PARTITIONING (excluding marshes) Field Analytical Data Level - NONE B. Laboratory Analyses - VOA, BNA, PESTICIDES, PCB's, METALS and METALS for all sediment, TOTAL ORGANIC CARBON/SEDIMENT PARTICLE SIZE for river and tributary sediment, and DIOXIN/FURANS (up to 10% of samples) Laboratory Analytical Data Levels - DEFINITIVE
FIELD QA/QC	5% Split or Duplicate Samples, An Equipment Blank will be collected if warranted
SAMPLING PROCEDURES	Section 4, *ECBSOPQAM*
BACKGROUND/ CONTROL	Background/Control Samples will be collected from River and Creek Locations Upstream from the Study Area

FISH TISSUE	
LOCATION	Turtle and Mackay Rivers and associated tributaries
SAMPLE TYPE	A. Fundulus sp. - composite, whole-body B. Commercially important species - composite, skin-on fillets including belly flap
DATA USE	Characterize Nature & Extent of Contamination in Fish Tissue
DATA TYPES	A. Field Measurements - NONE Field Analytical Data Level - NONE B. Fundulus sp. Laboratory Analyses - BNA, PESTICIDES, PCB's, METALS Commercially important species Laboratory Analyses - DIOXIN Laboratory Analytical Data Level - DEFINITIVE
FIELD QA/QC	5% Split Samples. An Equipment Blank will be collected, if warranted.
SAMPLING PROCEDURES	Guidance for Assessing Chemical Contaminant Data for Use in Fish Advisories. Vol. 1. Fish Sampling and Analysis.
BACKGROUND/ CONTROL	Background/Control Samples will be collected from River and Creek Locations Upstream from the Study Area

STATION POSITIONING	
LOCATION	Turtle and Mackay Rivers and associated tributaries and marsh
SAMPLE TYPE	GPS coordinates of All Environmental Media
DATA USE	In-field determination of geodetical positions
DATA TYPES	A. Field Measurements - LATITUDE/LONGITUDE or NORTHING/EASTINGS. Field Analytical Data Level - NONE B. Laboratory Analyses - NONE Laboratory Analytical Data Level - NONE
FIELD QA/QC	Measurement of sample location within 100 meters of the designated coordinates of the selected station
SAMPLING PROCEDURES	In accordance to the manufacturer's direction
BACKGROUND/ CONTROL	Geodetic Survey Control Marker

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APPENDICES

APPENDIX A: SURFACE WATER DATA

A-1: Metals
A-2: PCBs/Pesticides
A-3: Extractable Organic Compounds
A-4 Purgeable Organic Compounds

APPENDIX B: RIVER SEDIMENTS DATA

B-1: Metals
B-2: PCBs/Pesticides
B-3 Extractable Organic Compounds
B-4 Purgeable Organic Compounds
B-5 Dioxins

APPENDIX C: MARSH SEDIMENTS DATA

C-1: Metals
C-2: PCBs/Pesticides
C-3: Extractable Organic Compounds
C-4: Purgeable Organic Compounds

APPENDIX D: FISH DATA

D-1: Metals
D-2: PCBs/Pesticides
D-3: Extractable Organic Compounds

APPENDICES QUALIFIER LEGEND

Many of the values in the data tables have qualifiers listed immediately after the concentration value, which help explain the concentration of a particular constituent. Following is listing and explanation of these qualifiers.

A - Average value
NA - Not Analyzed
NAI - Interferences
J - Estimated value
N - Presumptive evidence of presence of material
K - Actual value is known to be less than the value given
L - Actual value is known to be greater than the value given
U - Material was analyzed for but not detected

APPENDIX A

BRUNSWICK SURFACE WATER DATA

A-1: METALS

A-2: PCBs/PESTICIDES

A-3: EXTRACTABLE ORGANIC COMPOUNDS

A-4: PURGEABLE ORGANIC COMPOUNDS

BRUNSWICK COMMUNITY BASED STUDY
APPENDIX A-1: Metals in Surface Water - 12/95 (cont.)

Compound	Stations													
	BR001	BR002	BR003	BR004	BR005	BR006	BR007	BR008	BR009	BR010	BR011	BR012	BR013	BR014
silver	50U	50U	100U	50U	50U	50U	50U	50U	100U	100U	100U	50U	50U	100U
arsenic	150U	150U	300U	150U	150U	150U	150U	150U	300U	300U	300U	150U	150U	150U
boron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
barium	50U	50U	100U	50U	50U	50U	50U	50U	100U	100U	100U	50U	50U	50U
beryllium	25U	25U	50U	25U	25U	25U	25U	25U	50U	50U	50U	25U	25U	25U
cadmium	25U	25U	50U	25U	25U	25U	25U	25U	50U	50U	50U	25U	25U	25U
cobalt	50U	50U	100U	50U	50U	50U	50U	50U	100U	100U	100U	50U	50U	50U
chromium	50U	50U	100U	50U	50U	50U	50U	50U	100U	100U	100U	50U	50U	50U
copper	50U	50U	100U	50U	50U	50U	50U	50U	100U	100U	100U	50U	50U	50U
molybdenum	50U	50U	100U	50U	50U	50U	50U	50U	100U	100U	100U	50U	50U	50U
nickel	100U	100U	200U	100U	100U	100U	100U	100U	200U	200U	200U	100U	100U	100U
lead	200U	200U	400U	200U	25U	200U	200U	200U	400U	400U	400U	200U	200U	200U
antimony	150U	150U	300U	150U	150U	150U	150U	150U	300U	300U	300U	150U	150U	150U
selenium	200U	200U	400U	200U	200U	200U	200U	200U	400U	400U	400U	200U	200U	200U
tin	120U	120U	250U	120U	120U	120U	120U	120U	250U	250U	250U	120U	120U	120U
strontium	940	2000	4000	1400	3900	3300	4000	4400	4900	4500	4300	4300	5100	5200
tellurium	250U	250U	500U	250U	250U	250U	250U	250U	500U	500U	500U	250U	250U	250U
titanium	50U	50U	100U	50U	50U	50U	50U	50U	100U	100U	100U	50U	50U	50U
thallium	500U	500U	1000U	500U	500U	500U	500U	500U	1000U	1000U	1000U	500U	500U	500U
vanadium	50U	50U	100U	50U	50U	50U	50U	50U	100U	100U	100U	50U	50U	50U
yttrium	50U	50U	100U	50U	50U	50U	50U	50U	100U	100U	100U	50U	50U	50U
zinc	50U	50U	100U	50U	50U	50U	50U	50U	100U	100U	100U	50U	50U	50U
zirconium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
mercury	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
aluminum	1300	1000	1000U	940	1100	1400	1200	1300	1500	1300	1600	1200	1300	1700
manganese	50U	50U	100U	50U	52	50U	50U	50U	100U	100U	100U	53U	50U	51U
calcium	56	110	220	82	230	190	230	240	270	250	240	240	280	290
magnesium	160	340	670	240	670	580	690	750	840	760	720	740	880	920
iron	0.99	0.54	0.5U	0.6	0.32	0.51	0.35	0.43	0.5U	0.5U	0.73	0.37	0.34	0.56
sodium	1400	3100	6000	2100	5400	4700	5600	6200	6900	6300	6000	6200	7500	7600
potassium	54	110	210	81	210	180	22	230	260	240	230	230	270	280

Compound	Stations													
	BR015	BR016	BR017	BR018	BR019	BR020	BR021	BR022	BR023	BR024	BR025	BR026	BR027	BR028
silver	100U	100U	100U	50U	150U	100U	100U	100U	100U	100U	100U	100U	100U	100U
arsenic	300U	150U	150U	150U	450U	300U	150U	150U	150U	150U	150U	150U	150U	150U
boron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
barium	100U	50U	50U	50U	150U	100U	50U	50U	50U	50U	50U	50U	50U	50U
beryllium	50U	25U	25U	25U	75U	50U	25U	25U	25U	25U	25U	25U	25U	25U
cadmium	50U	25U	25U	25U	75U	50U	25U	25U	25U	25U	25U	25U	25U	25U
cobalt	100U	50U	50U	50U	150U	100U	50U	50U	50U	50U	50U	50U	50U	50U
chromium	100U	50U	50U	50U	150U	100U	50U	50U	50U	50U	50U	50U	50U	50U
copper	100U	50U	50U	50U	150U	100U	50U	50U	50U	50U	50U	50U	50U	50U
molybdenum	100U	50U	50U	50U	150U	100U	50U	50U	50U	50U	50U	50U	50U	50U
nickel	200U	100U	100U	100U	300U	200U	100U	100U	100U	100U	100U	100U	100U	100U
lead	400U	200U	200U	200U	600U	25U	25U	25U	25U	25U	25U	25U	25U	25U
antimony	300U	150U	150U	150U	450U	300U	150U	150U	150U	150U	150U	150U	150U	150U
selenium	400U	200U	200U	200U	600U	400U	200U	200U	200U	200U	200U	200U	200U	200U
tin	250U	120U	120U	120U	380U	250U	120U	120U	120U	120U	120U	120U	120U	120U
strontium	4600	4700	4300	4200	4900	4900	4200	220	3600	1100	1600	4100	3500	4300
tellurium	500U	250U	250U	250U	750U	500U	250U	250U	250U	250U	250U	250U	250U	250U
titanium	100U	50U	50U	50U	150U	100U	50U	50U	50U	50U	50U	50U	50U	50U
thallium	1000U	500U	500U	500U	1500U	1000U	500U	500U	500U	500U	500U	500U	500U	500U
vanadium	100U	50U	50U	50U	150U	100U	50U	50U	50U	50U	50U	50U	50U	50U
yttrium	100U	50U	50U	50U	150U	100U	50U	50U	50U	50U	50U	50U	50U	50U
zinc	100U	50U	50U	50U	150U	100U	50U	50U	50U	50U	50U	50U	50U	50U
zirconium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
mercury	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
aluminum	1900	1600	1300	1200	1500U	1900	1000	1700	1200	930	800	1100	800	1400
manganese	100U	51	50U	50U	150U	100U	50U	50U	51	50U	50U	53	50U	54
calcium	250	260	240	230	260	280	250	16	220	64	96	240	200	260
magnesium	790	820	750	730	820	860	750	34	640	180	280	720	610	760
iron	0.83	0.61	0.38	0.37	0.75U	0.92	0.35	1.6	0.32	0.87	0.62	0.38	0.34	0.43
sodium	6600	6900	6300	6200	7000	6800	5900	300	5200	1600	2300	5800	4900	6000
potassium	250	260	240	230	250	280	230	14	200	58	89	220	190	240

BRUNSWICK COMMUNITY BASED STUDY
APPENDIX A-1: Metals in Surface Water - 12/95 (cont.)

Compound	Stations													
	BR029	BR030	BR031	BR032	BR033	BR034	BR035	BR036	BR037	BR038	BR039	BR040	BR041	BR042
silver	100U	100U	100U	100U	100U	100U	100U	100U	100U	100U	100U	100U	100U	50U
arsenic	150U	150U	150U	150U	150U	150U	150U	150U	150U	150U	150U	150U	300U	150U
boron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
barium	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	100U	50U
beryllium	25U	25U	25U	25U	25U	25U	25U	25U	25U	25U	25U	25U	50U	25U
cadmium	25U	25U	25U	25U	25U	25U	25U	25U	25U	25U	25U	25U	50U	25U
cobalt	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	100U	50U
chromium	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	100U	50U
copper	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	100U	50U
molybdenum	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	100U	100U
nickel	100U	100U	100U	100U	100U	100U	100U	100U	100U	100U	100U	100U	200U	100U
lead	25U	25U	25U	25U	25U	25U	25U	25U	25U	25U	25U	25U	25U	25U
antimony	150U	150U	150U	150U	150U	150U	150U	150U	150U	150U	150U	150U	300U	150U
selenium	200U	200U	200U	200U	200U	200U	200U	200U	200U	200U	200U	200U	400U	200U
tin	120U	120U	120U	120U	120U	120U	120U	120U	120U	120U	120U	120U	250U	120U
strontium	3800	3900	4500	4200	4400	5200	4500	4300	5000	4800	4300	4400	4400	300
tellurium	250U	250U	250U	250U	250U	250U	250U	250U	25U	250U	250U	250U	500U	250U
titanium	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	100U	50U
thallium	500U	500U	500U	500U	500U	500U	500U	500U	500U	500U	500U	500U	1000U	500U
vanadium	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	100U	50U
yttrium	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	100U	50U
zinc	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	100U	50U
zirconium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
mercury	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
aluminum	1100	370	940	1200	1200	1400	1200	1000	1300	1200	1200	1300	1400	720
manganese	50U	50U	50U	76	50U	50U	50U	50U	50U	50U	50U	83	100U	50U
calcium	220	220	260	240	250	300	250	240	290	270	250	250	250	20
magnesium	660	660	770	730	760	910	770	740	880	830	750	770	750	45
iron	0.43	0.32	0.35	0.44	0.44	0.52	0.52	0.43	0.52	0.4	0.38	0.48	0.88	1.1
sodium	5400	5500	6100	5800	6000	7300	5900	6200	7200	6800	6000	6400	6100	400
potassium	210	200	220	220	220	260	220	220	260	240	220	220	220	10

Compound	Stations													
	BR043	BR044	BR045	BR046	BR047	BR048	BR049	BR050	BR051	BR052	BR053	BR054	BR055	BR056
silver	50U	50U	50U	50U	50U	50U	50U	50U	100U	50U	50U	50U	50U	50U
arsenic	150U	150U	150U	150U	150U	150U	150U	150U	300U	150U	150U	150U	150U	150U
boron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
barium	50U	50U	50U	50U	50U	50U	50U	50U	100U	50U	50U	50U	50U	50U
beryllium	25U	25U	25U	25U	25U	25U	25U	25U	50U	25U	25U	25U	25U	25U
cadmium	25U	25U	25U	25U	25U	25U	25U	25U	50U	25U	25U	25U	25U	25U
cobalt	50U	50U	50U	50U	50U	50U	50U	50U	100U	50U	50U	50U	50U	50U
chromium	50U	50U	50U	50U	50U	50U	50U	50U	100U	50U	50U	50U	50U	50U
copper	50U	50U	50U	50U	50U	50U	50U	50U	100U	50U	50U	50U	50U	50U
molybdenum	100U	100U	100U	100U	100U	100U	100U	100U	100U	50U	50U	50U	50U	50U
nickel	100U	100U	100U	100U	100U	100U	100U	100U	200U	100U	100U	100U	100U	100U
lead	25U	25U	25U	25U	25U	25U	25U	25U	25U	25U	25U	25U	25U	25U
antimony	150U	150U	150U	150U	150U	150U	150U	150U	300U	150U	150U	150U	150U	150U
selenium	200U	200U	200U	200U	200U	200U	200U	200U	400U	200U	200U	200U	200U	200U
tin	120U	120U	120U	120U	120U	120U	120U	120U	250U	120U	120U	120U	120U	120U
strontium	720	4000	3900	3600	4000	4200	3700	4200	5000	5200	4300	3800	4300	5200
tellurium	250U	250U	250U	250U	250U	250U	250U	250U	500U	250U	250U	250U	250U	250U
titanium	50U	50U	50U	50U	50U	50U	50U	50U	500U	50U	50U	50U	50U	50U
thallium	500U	500U	500U	500U	500U	500U	500U	500U	100U	500U	500U	500U	500U	500U
vanadium	50U	50U	50U	50U	50U	50U	50U	50U	100U	50U	50U	50U	50U	50U
yttrium	50U	50U	50U	50U	50U	50U	50U	50U	100U	50U	50U	50U	50U	50U
zinc	50U	50U	50U	50U	50U	50U	50U	50U	100U	50U	50U	50U	50U	50U
zirconium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
mercury	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
aluminum	760	740	680	810	990	840	660	860	1000U	1000	760	1500	920	940
manganese	50U	53	50U	50U	50U	58	65	50	100U	50U	50U	68	50U	50U
calcium	42	220	220	200	220	230	200	230	260	280	230	200	230	270
magnesium	110	670	640	600	660	680	600	700	820	870	700	620	700	860
iron	1.1	0.25U	0.25	0.42	0.55	0.33	0.25	0.32	0.5U	0.3	0.25U	1.3	0.4	0.27
sodium	1000	6000	5700	5300	5900	6300	5300	6300	7700	8200	6500	5900	6700	8200
potassium	31	210	200	190	210	220	190	220	250	280	230	200	230	280

BRUNSWICK COMMUNITY BASED STUDY
APPENDIX A-1: Metals in Surface Water - 12/95 (cont.)

Compound	Stations													
	BR057	BR058	BR059	BR060	BR061	BR062	BR063	BR064	BR065	BR066	BR067	BR068	BR069	BR070
silver	50U	50U	50U	100U	100U	100U	100U	100U	100U	100U	100U	100U	100U	100U
arsenic	150U	150U	150U	300U	150U	150U	150U	150U	200U	150U	200U	150U	150U	150U
boron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
barium	50U	50U	50U	100U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
beryllium	25U	25U	25U	50U	25U	25U	25U	25U	25U	25U	25U	25U	25U	25U
cadmium	25U	25U	25U	50U	25U	25U	25U	25U	25U	25U	25U	25U	25U	25U
cobalt	50U	50U	50U	100U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
chromium	50U	50U	50U	100U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
copper	50U	50U	50U	100U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
molybdenum	50U	50U	50U	100U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
nickel	100U	100U	100U	200U	100U	100U	100U	100U	100U	100U	100U	100U	100U	100U
lead	25U	25U	25U	25U	25U	25U	25U	25U	25U	25U	25U	25U	25U	25U
antimony	150U	150U	150U	300U	150U	150U	150U	150U	150U	150U	150U	150U	150U	150U
selenium	200U	200U	200U	400U	300U	200U	200U	300U	400U	300	250U	300U	400U	300U
tin	120U	120U	120U	250U	120U	120U	120U	120U	120U	120U	120U	120U	120U	120U
strontium	4400	3900	4600	5000	4500	1500	3800	3500	4200	3700	3500	3800	4300	4100
tellurium	250U	250U	250U	500U	250U	250U	250U	250U	250U	250U	250U	250U	250U	250U
titanium	50U	50U	50U	100U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
thallium	500U	500U	500U	1000U	500U	500U	500U	500U	500U	500U	500U	500U	500U	500U
vanadium	50U	50U	50U	100U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
yttrium	50U	50U	50U	100U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
zinc	50U	50U	50U	100U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
zirconium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
mercury	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
aluminum	890	1900	830	1000	1000	710	940	2600	1200	1700	1200	1000	1200	1000
manganese	50U	74	50U	100U	50U	50U	56	110	58	68	50U	58	52	60
calcium	230	210	240	270	250	88	220	190	230	200	190	210	230	230
magnesium	720	640	760	840	760	250	650	590	710	630	600	650	720	690
iron	0.32	1.5	0.31	0.5U	0.31	0.58	0.31	2.1	0.33	1.1	0.49	0.33	0.43	0.25U
sodium	6900	6100	7200	7200	6600	2200	5700	5200	6200	5700	5400	6000	6700	6100
potassium	230	200	240	270	240	82	210	190	230	210	200	210	230	220

Compound	BR071	BR072	BR073	BR074	BR075	BR076	BR077	BR078	BR079	BR080	BR081
silver	100U	100U	100U	100U	100U	100U	100U	100U	100U	100U	100U
arsenic	150U	150U	150U	150U	150U	150U	150U	150U	300U	150U	150U
boron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
barium	50U	50U	50U	50U	50U	50U	50U	50U	100U	50U	50U
beryllium	25U	25U	25U	25U	25U	25U	25U	25U	50U	25U	25U
cadmium	25U	25U	25U	25U	25U	25U	25U	25U	50U	25U	25U
cobalt	50U	50U	50U	50U	50U	50U	50U	50U	100U	50U	50U
chromium	50U	50U	50U	50U	50U	50U	50U	50U	100U	50U	50U
copper	50U	50U	50U	50U	50U	50U	50U	50U	100U	50U	50U
molybdenum	50U	50U	50U	50U	50U	50U	50U	50U	100U	50U	50U
nickel	100U	100U	100U	100U	100U	100U	100U	100U	200U	100U	100U
lead	25U	25U	25U	25U	25U	25U	25U	25U	25U	25U	25U
antimony	150U	150U	150U	150U	150U	150U	150U	150U	300U	150U	150U
selenium	200U	300U	200U	200U	200U	200U	300U	200U	400U	200U	200U
tin	120U	120U	120U	120U	120U	120U	120U	120U	250U	120U	120U
strontium	4300	4700	5200	4400	4900	4400	4300	5200	4800	4800	4500
tellurium	250U	250U	250U	250U	250U	250U	250U	250U	500U	250U	250U
titanium	50U	50U	50U	50U	50U	50U	50U	50U	100U	50U	50U
thallium	500U	500U	500U	500U	500U	500U	500U	500U	1000U	500U	500U
vanadium	50U	50U	50U	50U	50U	50U	50U	50U	100U	50U	50U
yttrium	50U	50U	50U	50U	50U	50U	50U	50U	100U	50U	50U
zinc	50U	50U	50U	50U	50U	50U	50U	50U	100U	50U	50U
zirconium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
mercury	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
aluminum	1200	1100	1100	1200	1200	1200	1100	1200	1000U	960	1300
manganese	65	50U	50U	50U	50U	50U	50U	50U	100U	50U	59
calcium	240	260	280	240	270	240	240	280	260	260	240
magnesium	730	810	900	760	850	760	740	900	810	830	770
iron	0.43	0.33	0.29	0.39	0.26	0.45	0.33	0.44	0.5U	0.29	0.92
sodium	6400	7000	8100	6600	7400	6800	6600	8200	7400	7800	7000
potassium	240	260	290	240	280	240	240	290	250	260	250

BRUNSWICK COMMUNITY BASED STUDY
APPENDIX A-1: Metals in Surface Water - 12/95 (cont.)

Stations with QAQC Samples

Compound	BR010	BR020	BR030	BR040	BR050	BR060	BR070	BR080
silver	100U	100U	50U	100U	50U	50U	100U	100U
arsenic	300U	150U	150U	150U	150U	150U	300U	150U
boron	NA	NA	NA	NA	NA	NA	NA	NA
barium	100U	50U	50U	50U	50U	50U	100U	50U
beryllium	50U	25U	25U	25U	25U	25U	50U	25U
cadmium	50U	25U	25U	25U	25U	25U	50U	25U
cobalt	100U	50U	50U	50U	50U	50U	100U	50U
chromium	100U	50U	50U	50U	50U	50U	100U	50U
copper	100U	50U	50U	50U	50U	50U	100U	50U
molybdenum	100U	50U	50U	50U	100U	50U	100U	50U
nickel	200U	100U	100U	100U	100U	100U	250U	100U
lead	400U	25U	25U	25U	25U	25U	25U	25U
antimony	300U	150U	150U	150U	150U	150U	300U	150U
selenium	400U	200U	200U	200U	200U	200U	400U	200U
tin	250U	120U	120U	120U	120U	120U	250U	120U
strontium	4400	4800	4000	4400	4300	4800	4300	4700
tellurium	500U	250U	250U	250U	250U	250U	500U	250U
titanium	100U	50U	50U	50U	50U	50U	100U	50U
thallium	1000U	500U	500U	500U	500U	500U	1000U	500U
vanadium	100U	50U	50U	50U	50U	50U	100U	50U
yttrium	100U	50U	50U	50U	50U	50U	100U	50U
zinc	100U	50U	50U	50U	50U	50U	100U	50U
zirconium	NA	NA	NA	NA	NA	NA	NA	NA
mercury	NA	NA	NA	NA	NA	NA	NA	NA
aluminum	1400	1700	980	1300	690	760	980	870
manganese	100U	56	50U	82	50U	50U	100U	50U
calcium	250	280	230	250	230	250	240	260
magnesium	750	860	700	760	710	800	720	820
iron	0.5U	0.87	0.32	0.47	0.29	0.25U	0.5U	0.28
sodium	6200	6800	5500	6200	6400	7500	6200	7700
potassium	240	260	210	220	220	260	220	260

BRUNSWICK COMMUNITY BASED STUDY

APPENDIX A-2: PCB's & Pesticides in Surface Water - 12/95 (cont.)

Compound	Stations													
	BR001	BR002	BR003	BR004	BR005	BR006	BR007	BR008	BR009	BR010	BR011	BR012	BR013	BR014
aldrin	0.042U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
heptachlor	0.042U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
heptachlor epoxide	0.042U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
alpha-bhc	0.042U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
beta-bhc	0.042U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
gamma-bhc (lindane)	0.042U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
delta-bhc	0.042U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
endosulfan I (alpha)	0.042U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
dieldrin	0.042U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
4, 4' - DDT (P, P' -DDT)	0.042U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
4, 4' - DDE (P, P' -DDE)	0.042U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
4, 4' - DDD (P, P' -DDD)	0.042U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
endrin	0.042U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
endosulfan II (beta)	0.042U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
endosulfan sulfate	0.042U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
chlordane (tech. mixture)	0.10U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U
PCB - 1242 (Aroclor 1242)	0.21U	0.25U	0.35U	0.25U	0.35U	0.25U	0.25U	0.33U	0.25U	0.32U	0.32U	0.32U	0.25U	0.25U
PCB - 1254 (Aroclor 1254)	0.21U	0.25U	0.35U	0.25U	0.35U	0.25U	0.25U	0.33U	0.25U	0.32U	0.32U	0.32U	0.25U	0.25U
PCB - 1221 (Aroclor 1221)	0.21U	0.25U	0.35U	0.25U	0.35U	0.25U	0.25U	0.33U	0.25U	0.32U	0.32U	0.32U	0.25U	0.25U
PCB - 1232 (Aroclor 1232)	0.21U	0.25U	0.35U	0.25U	0.35U	0.25U	0.25U	0.33U	0.25U	0.32U	0.32U	0.32U	0.25U	0.25U
PCB - 1248 (Aroclor 1248)	0.21U	0.25U	0.35U	0.25U	0.35U	0.25U	0.25U	0.33U	0.25U	0.32U	0.32U	0.32U	0.25U	0.25U
PCB - 1260 (Aroclor 1260)	0.21U	0.25U	0.35U	0.25U	0.35U	0.25U	0.25U	0.33U	0.25U	0.32U	0.32U	0.32U	0.25U	0.25U
PCB - 1016 (Aroclor 1016)	0.21U	0.25U	0.35U	0.25U	0.35U	0.25U	0.25U	0.33U	0.25U	0.32U	0.32U	0.32U	0.25U	0.25U
toxaphene	1.7U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
chlordene														
alpha-chlordene														
beta-chlordene														
gamma-chlordene														
gamma-chlordane														
trans-nonachlor														
alpha-chlordane														
cis-nonachlor														
oxychlordane														
methoxychlor	0.10U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U
endrin ketone	0.042U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U

Compound	Stations													
	BR015	BR016	BR017	BR018	BR019	BR020	BR021	BR022	BR023	BR024	BR025	BR026	BR027	BR028
aldrin	0.050U	0.050U	0.042U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
heptachlor	0.050U	0.050U	0.042U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
heptachlor epoxide	0.050U	0.050U	0.042U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
alpha-bhc	0.050U	0.050U	0.042U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
beta-bhc	0.050U	0.050U	0.042U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
gamma-bhc (lindane)	0.050U	0.050U	0.042U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
delta-bhc	0.050U	0.050U	0.042U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
endosulfan I (alpha)	0.050U	0.050U	0.042U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
dieldrin	0.050U	0.050U	0.042U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
4, 4' - DDT (P, P' -DDT)	0.050U	0.050U	0.042U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
4, 4' - DDE (P, P' -DDE)	0.050U	0.050U	0.042U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
4, 4' - DDD (P, P' -DDD)	0.050U	0.050U	0.042U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
endrin	0.050U	0.050U	0.042U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
endosulfan II (beta)	0.050U	0.050U	0.042U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
endosulfan sulfate	0.050U	0.050U	0.042U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
chlordane (tech. mixture)	0.12U	0.12U	0.10U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U
PCB - 1242 (Aroclor 1242)	0.25U	0.25U	0.21U	0.25U	0.25U	0.25U	0.25U	0.25U	0.29U	0.25U	0.25U	0.39U	0.25U	0.38U
PCB - 1254 (Aroclor 1254)	0.25U	0.25U	0.21U	0.25U	0.25U	0.25U	0.25U	0.25U	0.29U	0.25U	0.25U	0.39U	0.25U	0.38U
PCB - 1221 (Aroclor 1221)	0.25U	0.25U	0.21U	0.25U	0.25U	0.25U	0.25U	0.25U	0.29U	0.25U	0.25U	0.39U	0.25U	0.38U
PCB - 1232 (Aroclor 1232)	0.25U	0.25U	0.21U	0.25U	0.25U	0.25U	0.25U	0.25U	0.29U	0.25U	0.25U	0.39U	0.25U	0.38U
PCB - 1248 (Aroclor 1248)	0.25U	0.25U	0.21U	0.25U	0.25U	0.25U	0.25U	0.25U	0.29U	0.25U	0.25U	0.39U	0.25U	0.38U
PCB - 1260 (Aroclor 1260)	0.25U	0.25U	0.21U	0.25U	0.25U	0.25U	0.25U	0.25U	0.29U	0.25U	0.25U	0.39U	0.25U	0.38U
PCB - 1016 (Aroclor 1016)	0.25U	0.25U	0.21U	0.25U	0.25U	0.25U	0.25U	0.25U	0.29U	0.25U	0.25U	0.39U	0.25U	0.38U
toxaphene	2.0U	2.0U	1.6U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
chlordene														
alpha-chlordene														
beta-chlordene														
gamma-chlordene														
gamma-chlordane														
trans-nonachlor														
alpha-chlordane														
cis-nonachlor														
oxychlordane														
methoxychlor	0.12U	0.12U	0.10U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U
endrin ketone	0.050U	0.050U	0.042U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U

BRUNSWICK COMMUNITY BASED STUDY
APPENDIX A-2: PCB's & Pesticides in Surface Water - 12/95 (cont.)

Compound	Stations													
	BR029	BR030	BR031	BR032	BR033	BR034	BR035	BR036	BR037	BR038	BR039	BR040	BR041	BR042
aldrin	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
heptachlor	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
heptachlor epoxide	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
alpha-bhc	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
beta-bhc	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
gamma-bhc (lindane)	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
delta-bhc	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
endosulfan I (alpha)	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
dieldrin	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
4, 4' - DDT (P, P' -DDT)	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
4, 4' - DDE (P, P' -DDE)	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
4, 4' - DDD (P, P' -DDD)	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
endrin	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
endosulfan II (beta)	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
endosulfan sulfate	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
chlordane (tech. mixture)	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U
PCB - 1242 (Aroclor 1242)	0.25U	0.25U	0.32U	0.32U	0.32U	0.28U	0.29U	0.28U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U
PCB - 1254 (Aroclor 1254)	0.25U	0.25U	0.32U	0.32U	0.32U	0.28U	0.29U	0.28U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U
PCB - 1221 (Aroclor 1221)	0.25U	0.25U	0.32U	0.32U	0.32U	0.28U	0.29U	0.28U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U
PCB - 1232 (Aroclor 1232)	0.25U	0.25U	0.32U	0.32U	0.32U	0.28U	0.29U	0.28U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U
PCB - 1248 (Aroclor 1248)	0.25U	0.25U	0.32U	0.32U	0.32U	0.28U	0.29U	0.28U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U
PCB - 1260 (Aroclor 1260)	0.25U	0.25U	0.32U	0.32U	0.32U	0.28U	0.29U	0.28U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U
PCB - 1016 (Aroclor 1016)	0.25U	0.25U	0.32U	0.32U	0.32U	0.28U	0.29U	0.28U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U
toxaphene	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
chlordene														
alpha-chlordene														
beta-chlordene														
gamma-chlordene														
gamma-chlordane														
trans-nonachlor														
alpha-chlordane														
cis-nonachlor														
oxychlordane														
methoxychlor	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U
endrin ketone	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U

Compound	Stations													
	BR043	BR044	BR045	BR046	BR047	BR048	BR049	BR050	BR051	BR052	BR053	BR054	BR055	BR056
aldrin	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
heptachlor	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
heptachlor epoxide	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
alpha-bhc	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
beta-bhc	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
gamma-bhc (lindane)	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
delta-bhc	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
endosulfan I (alpha)	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
dieldrin	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
4, 4' - DDT (P, P' -DDT)	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
4, 4' - DDE (P, P' -DDE)	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
4, 4' - DDD (P, P' -DDD)	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
endrin	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.068U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
endosulfan II (beta)	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.052U
endosulfan sulfate	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
chlordane (tech. mixture)	0.12U	0.12U	0.12U	0.12U	0.12U		0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U
PCB - 1242 (Aroclor 1242)	0.25U	0.25U	0.25U	0.25U	0.25U	0.40U	0.29U	0.35U	0.25U	0.25U	0.32U	0.25U	0.29U	0.25U
PCB - 1254 (Aroclor 1254)	0.25U	0.25U	0.25U	0.25U	0.25U	0.40U	0.29U	0.35U	0.25U	0.25U	0.32U	0.25U	0.29U	0.25U
PCB - 1221 (Aroclor 1221)	0.25U	0.25U	0.25U	0.25U	0.25U	0.40U	0.29U	0.35U	0.25U	0.25U	0.32U	0.25U	0.29U	0.25U
PCB - 1232 (Aroclor 1232)	0.25U	0.25U	0.25U	0.25U	0.25U	0.40U	0.29U	0.35U	0.25U	0.25U	0.32U	0.25U	0.29U	0.25U
PCB - 1248 (Aroclor 1248)	0.25U	0.25U	0.25U	0.25U	0.25U	0.40U	0.29U	0.35U	0.25U	0.25U	0.32U	0.25U	0.29U	0.25U
PCB - 1260 (Aroclor 1260)	0.25U	0.25U	0.25U	0.25U	0.25U	0.40U	0.29U	0.35U	0.25U	0.25U	0.32U	0.25U	0.29U	0.25U
PCB - 1016 (Aroclor 1016)	0.25U	0.25U	0.25U	0.25U	0.25U	0.40U	0.29U	0.35U	0.25U	0.25U	0.32U	0.25U	0.29U	0.25U
toxaphene	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
chlordene						0.010U								
alpha-chlordene						0.020U								
beta-chlordene						0.020U								
gamma-chlordene						0.020U								
gamma-chlordane						0.0066J								
trans-nonachlor						0.020U								
alpha-chlordane						0.020U								
cis-nonachlor						0.020U								
oxychlordane						0.020U								
methoxychlor	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U
endrin ketone	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U

BRUNSWICK COMMUNITY BASED STUDY

APPENDIX A-2: PCB's & Pesticides in Surface Water - 12/95 (cont.)

Compound	Stations													
	BR057	BR058	BR059	BR060	BR061	BR062	BR063	BR064	BR065	BR066	BR067	BR068	BR069	BR070
aldrin	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
heptachlor	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
heptachlor epoxide	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
alpha-bhc	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
beta-bhc	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
gamma-bhc (lindane)	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
delta-bhc	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
endosulfan I (alpha)	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
dieldrin	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
4, 4' - DDT (P, P' -DDT)	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
4, 4' - DDE (P, P' -DDE)	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
4, 4' - DDD (P, P' -DDD)	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
endrin	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.051U	0.050U	0.050U	0.050U	0.050U
endosulfan II (beta)	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
endosulfan sulfate	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
chlordane (tech. mixture)	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12UU
PCB - 1242 (Aroclor 1242)	0.25U	0.25U	0.34U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U
PCB - 1254 (Aroclor 1254)	0.25U	0.25U	0.34U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U
PCB - 1221 (Aroclor 1221)	0.25U	0.25U	0.34U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U
PCB - 1232 (Aroclor 1232)	0.25U	0.25U	0.34U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U
PCB - 1248 (Aroclor 1248)	0.25U	0.25U	0.34U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U
PCB - 1260 (Aroclor 1260)	0.25U	0.25U	0.34U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U
PCB - 1016 (Aroclor 1016)	0.25U	0.25U	0.34U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U
toxaphene	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
chlordene														
alpha-chlordene														
beta-chlordene														
gamma-chlordene														
gamma-chlordane														
trans-nonachlor														
alpha-chlordane														
cis-nonachlor														
oxychlordane														
methoxychlor	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U
endrin ketone	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U

Compound	Stations										
	BR071	BR072	BR073	BR074	BR075	BR076	BR077	BR078	BR079	BR080	BR081
aldrin	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
heptachlor	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
heptachlor epoxide	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
alpha-bhc	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
beta-bhc	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
gamma-bhc (lindane)	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
delta-bhc	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
endosulfan I (alpha)	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
dieldrin	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
4, 4' - DDT (P, P' -DDT)	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
4, 4' - DDE (P, P' -DDE)	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
4, 4' - DDD (P, P' -DDD)	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
endrin	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
endosulfan II (beta)	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
endosulfan sulfate	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
chlordane (tech. mixture)	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U
PCB - 1242 (Aroclor 1242)	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U
PCB - 1254 (Aroclor 1254)	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U
PCB - 1221 (Aroclor 1221)	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U
PCB - 1232 (Aroclor 1232)	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U
PCB - 1248 (Aroclor 1248)	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U
PCB - 1260 (Aroclor 1260)	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U
PCB - 1016 (Aroclor 1016)	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U
toxaphene	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
chlordene											
alpha-chlordene											
beta-chlordene											
gamma-chlordene											
gamma-chlordane											
trans-nonachlor											
alpha-chlordane											
cis-nonachlor											
oxychlordane											
methoxychlor	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U
endrin ketone	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U

BRUNSWICK COMMUNITY BASED STUDY

APPENDIX A-2: PCB's & Pesticides in Surface Water - 12/95 (cont.)

Stations with QAQC Samples

Compound	BR010	BR020	BR030	BR040	BR050	BR060	BR070	BR080
aldrin	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
heptachlor	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
heptachlor epoxide	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
alpha-bhc	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
beta-bhc	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
gamma-bhc (lindane)	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
delta-bhc	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
endosulfan I (alpha)	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
dieldrin	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
4, 4' - DDT (P, P' -DDT)	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
4, 4' - DDE (P, P' -DDE)	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
4, 4' - DDD (P, P' -DDD)	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
endrin	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
endosulfan II (beta)	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
endosulfan sulfate	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U
chlordane (tech. mixture)	0.12U	0.12U	0.12U	0.12U		0.12U	0.12U	0.12U
PCB - 1242 (Aroclor 1242)	0.31U	0.25U	0.25U	0.25U	0.35U	0.25U	0.25U	0.25U
PCB - 1254 (Aroclor 1254)	0.31U	0.25U	0.25U	0.25U	0.35U	0.25U	0.25U	0.25U
PCB - 1221 (Aroclor 1221)	0.31U	0.25U	0.25U	0.25U	0.35U	0.25U	0.25U	0.25U
PCB - 1232 (Aroclor 1232)	0.31U	0.25U	0.25U	0.25U	0.35U	0.25U	0.25U	0.25U
PCB - 1248 (Aroclor 1248)	0.31U	0.25U	0.25U	0.25U	0.35U	0.25U	0.25U	0.25U
PCB - 1260 (Aroclor 1260)	0.31U	0.25U	0.25U	0.25U	0.35U	0.25U	0.25U	0.25U
PCB - 1016 (Aroclor 1016)	0.31U	0.25U	0.25U	0.25U	0.35U	0.25U	0.25U	0.25U
toxaphene	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
chlordene					0.010U			
alpha-chlordene					0.020U			
beta-chlordene					0.020U			
gamma-chlordene					0.033U			
gamma-chlordane					0.0072J			
trans-nonachlor					0.020U			
alpha-chlordane					0.020U			
cis-nonachlor					0.020U			
oxychlordane					0.020U			
methoxychlor	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U	0.12U
endrin ketone	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U	0.050U

BRUNSWICK COMMUNITY BASED STUDY
APPENDIX A-3: Extractable Organics in Surface Water - 12/95

Compound	Stations													
	BR001	BR002	BR003	BR004	BR005	BR006	BR007	BR008	BR009	BR010	BR011	BR012	BR013	BR014
(3-&/or 4-) methylphenol	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
1, 2, 4-trichlorobenzene	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2, 2'-chloroisopropylether	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2, 3, 4, 6-tetrachlorophenol	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2, 4, 5-trichlorophenol	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2, 4, 6-trichlorophenol	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2, 4-dichlorophenol	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2 ,4-dimethylphenol	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2, 4-dinitrophenol	29U	20U	20U	20U	20U	20U	20U	20U	20U	20U	20U	20U	20U	20U
2, 4-dinitrotoluene	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2, 6-dinitrotoluene	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-chloronaphthalene	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-chlorophenol	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-methyl-4, 6-dinitrophenol	29U	20U	20U	20U	20U	20U	20U	20U	20U	20U	20U	20U	20U	20U
2-methylnaphthalene	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-methylphenol	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-nitroaniline	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-nitrophenol	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
3, 3'-dichlorobenzidine	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
3-nitroaniline	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-bromophenyl phenyl ether	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-chloro-3-methylphenol	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-chloroaniline	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-chlorophenyl phenyl ether	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-nitroaniline	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-nitrophenol	29U	20U	20U	20U	20U	20U	20U	20U	20U	20U	20U	20U	20U	20U
acenaphthene	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
acenaphthylene	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
anthracene	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
benzo(a)anthracene	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
benzo(b &/or k) fluoranthene	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
benzo(ghi)perylene	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
benzo-a-pyrene	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
benzyl butyl phthalate	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
bis (2-chloroethoxy) methane	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
bis (2-chloroethyl) ether	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
bis (2-ethylhexyl) phthalate	14U	10U	240	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
carbazole	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
chrysene	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
di-n-butylphthalate	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
di-n-octylphthalate	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
dibenzo (a, h) anthracene	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
dibenzofuran	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
diethyl phthalate	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
dimethyl phthalate	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
fluoranthene	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
fluorene	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
hexachlorobenzene (hcb)	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
hexachlorobutadiene	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
hexachlorocyclopentadiene (hccp)	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
hexachloroethane	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
indeno (1, 2, 3-cd) pyrene	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
isophorone	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
n-nitrosodi-n-propylamine	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
n-nitrosodiphenylamine/diphenylamine	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
naphthalene	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
nitrobenzene	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
pentachlorophenol	29U	20U	20U	20U	20U	20U	20U	20U	20U	20U	20U	20U	20U	20U
phenanthrene	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
phenol	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
pyrene	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U

BRUNSWICK COMMUNITY BASED STUDY

APPENDIX A-3: Extractable Organics in Surface Water - 12/95 (cont.)

Compound	Stations													
	BR015	BR016	BR017	BR018	BR019	BR020	BR021	BR022	BR023	BR024	BR025	BR026	BR027	BR028
(3-&/or 4-) methylphenol	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
1, 2, 4-trichlorobenzene	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2, 2'-chloroisopropylether	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2, 3, 4, 6-tetrachlorophenol	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2, 4, 5-trichlorophenol	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2, 4, 6-trichlorophenol	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2, 4-dichlorophenol	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2 ,4-dimethylphenol	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2, 4-dinitrophenol	20U	20U	29U	20U	20U	20U	20U	20U	20U	20U	20U	20U	20U	20U
2, 4-dinitrotoluene	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2, 6-dinitrotoluene	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-chloronaphthalene	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-chlorophenol	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-methyl-4, 6-dinitrophenol	20U	20U	29U	20U	20U	20U	20U	20U	20U	20U	20U	20U	20U	20U
2-methylnaphthalene	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-methylphenol	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-nitroaniline	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-nitrophenol	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
3, 3'-dichlorobenzidine	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
3-nitroaniline	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-bromophenyl phenyl ether	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-chloro-3-methylphenol	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-chloroaniline	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-chlorophenyl phenyl ether	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-nitroaniline	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-nitrophenol	20U	20U	29U	20U	20U	20U	20U	20U	20U	20U	20U	20U	20U	20U
acenaphthene	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
acenaphthylene	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
anthracene	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
benzo(a)anthracene	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
benzo(b &/or k) fluoranthene	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
benzo(ghi)perylene	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
benzo-a-pyrene	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
benzyl butyl phthalate	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
bis (2-chloroethoxy) methane	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
bis (2-chloroethyl) ether	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
bis (2-ethylhexyl) phthalate	10U	16	14U	10U	23U	10U	10U	10U	10U	10U	10U	10U	10U	10U
carbazole	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
chrysene	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
di-n-butylphthalate	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
di-n-octylphthalate	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
dibenzo (a, h) anthracene	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
dibenzofuran	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
diethyl phthalate	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
dimethyl phthalate	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
fluoranthene	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
fluorene	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
hexachlorobenzene (hcb)	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
hexachlorobutadiene	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
hexachlorocyclopentadiene (hccp)	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
hexachloroethane	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
indeno (1, 2, 3-cd) pyrene	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
isophorone	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
n-nitrosodi-n-propylamine	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
n-nitrosodiphenylamine/diphenylamine	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
naphthalene	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
nitrobenzene	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
pentachlorophenol	20U	20U	29U	20U	20U	20U	20U	20U	20U	20U	20U	20U	20U	20U
phenanthrene	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
phenol	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
pyrene	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U

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APPENDIX A-3: Extractable Organics in Surface Water - 12/95 (cont.)

Compound	Stations													
	BR029	BR030	BR031	BR032	BR033	BR034	BR035	BR036	BR037	BR038	BR039	BR040	BR041	BR042
(3-&/or 4-) methylphenol	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
1, 2, 4-trichlorobenzene	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2, 2'-chloroisopropylether	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2, 3, 4, 6-tetrachlorophenol	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2, 4, 5-trichlorophenol	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2, 4, 6-trichlorophenol	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2, 4-dichlorophenol	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2 ,4-dimethylphenol	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2, 4-dinitrophenol	20U	20U	20U	29U	20U	20U	20U	20U	20U	20U	20U	20U	20U	20U
2, 4-dinitrotoluene	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2, 6-dinitrotoluene	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-chloronaphthalene	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-chlorophenol	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-methyl-4, 6-dinitrophenol	20U	20U	20U	29U	20U	20U	20U	20U	20U	20U	20U	20U	20U	20U
2-methylnaphthalene	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-methylphenol	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-nitroaniline	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-nitrophenol	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
3, 3'-dichlorobenzidine	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
3-nitroaniline	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-bromophenyl phenyl ether	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-chloro-3-methylphenol	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-chloroaniline	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-chlorophenyl phenyl ether	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-nitroaniline	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-nitrophenol	20U	20U	20U	29U	20U	20U	20U	20U	20U	20U	20U	20U	20U	20U
acenaphthene	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
acenaphthylene	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
anthracene	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
benzo(a)anthracene	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
benzo(b &/or k) fluoranthene	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
benzo(ghi)perylene	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
benzo-a-pyrene	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
benzyl butyl phthalate	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
bis (2-chloroethoxy) methane	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
bis (2-chloroethyl) ether	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
bis (2-ethylhexyl) phthalate	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
carbazole	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
chrysene	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
di-n-butylphthalate	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
di-n-octylphthalate	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
dibenzo (a, h) anthracene	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
dibenzofuran	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
diethyl phthalate	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
dimethyl phthalate	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
fluoranthene	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
fluorene	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
hexachlorobenzene (hcb)	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
hexachlorobutadiene	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
hexachlorocyclopentadiene (hccp)	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
hexachloroethane	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
indeno (1, 2, 3-cd) pyrene	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
isophorone	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
n-nitrosodi-n-propylamine	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
n-nitrosodiphenylamine/diphenylamine	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
naphthalene	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
nitrobenzene	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
pentachlorophenol	20U	20U	20U	29U	20U	20U	20U	20U	20U	20U	20U	20U	20U	20U
phenanthrene	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
phenol	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
pyrene	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U

BRUNSWICK COMMUNITY BASED STUDY
APPENDIX A-3: Extractable Organics in Surface Water - 12/95 (cont.)

Compound	Stations													
	BR043	BR044	BR045	BR046	BR047	BR048	BR049	BR050	BR051	BR052	BR053	BR054	BR055	BR056
(3-&/or 4-) methylphenol	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
1, 2, 4-trichlorobenzene	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2, 2'-chloroisopropylether	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2, 3, 4, 6-tetrachlorophenol	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2, 4, 5-trichlorophenol	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2, 4, 6-trichlorophenol	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2, 4-dichlorophenol	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2 ,4-dimethylphenol	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2, 4-dinitrophenol	20U	20U	29U	20U	20U	20U	20U	20U	20U	20U	20U	20U	20U	20U
2, 4-dinitrotoluene	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2, 6-dinitrotoluene	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-chloronaphthalene	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-chlorophenol	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-methyl-4, 6-dinitrophenol	20U	20U	29U	20U	20U	20U	20U	20U	20U	20U	20U	20U	20U	20U
2-methylnaphthalene	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-methylphenol	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-nitroaniline	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-nitrophenol	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
3, 3'-dichlorobenzidine	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
3-nitroaniline	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-bromophenyl phenyl ether	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-chloro-3-methylphenol	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-chloroaniline	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-chlorophenyl phenyl ether	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-nitroaniline	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-nitrophenol	20U	20U	29U	20U	20U	20U	20U	20U	20U	20U	20U	20U	20U	20U
acenaphthene	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
acenaphthylene	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
anthracene	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
benzo(a)anthracene	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
benzo(b &/or k) fluoranthene	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
benzo(ghi)perylene	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
benzo-a-pyrene	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
benzyl butyl phthalate	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
bis (2-chloroethoxy) methane	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
bis (2-chloroethyl) ether	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
bis (2-ethylhexyl) phthalate	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
carbazole	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
chrysene	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
di-n-butylphthalate	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
di-n-octylphthalate	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
dibenzo (a, h) anthracene	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
dibenzofuran	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
diethyl phthalate	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
dimethyl phthalate	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
fluoranthene	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
fluorene	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
hexachlorobenzene (hcb)	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
hexachlorobutadiene	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
hexachlorocyclopentadiene (hccp)	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
hexachloroethane	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
indeno (1, 2, 3-cd) pyrene	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
isophorone	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
n-nitrosodi-n-propylamine	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
n-nitrosodiphenylamine/diphenylamine	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
naphthalene	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
nitrobenzene	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
pentachlorophenol	20U	20U	29U	20U	20U	20U	20U	20U	20U	20U	20U	20U	20U	20U
phenanthrene	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
phenol	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
pyrene	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U

BRUNSWICK COMMUNITY BASED STUDY
APPENDIX A-3: Extractable Organics in Surface Water - 12/95 (cont.)

Compound	Stations													
	BR057	BR058	BR059	BR060	BR061	BR062	BR063	BR064	BR065	BR066	BR067	BR068	BR069	BR070
(3-&/or 4-) methylphenol	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
1, 2, 4-trichlorobenzene	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2, 2'-chloroisopropylether	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2, 3, 4, 6-tetrachlorophenol	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2, 4, 5-trichlorophenol	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2, 4, 6-trichlorophenol	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2, 4-dichlorophenol	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2 ,4-dimethylphenol	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2, 4-dinitrophenol	20U	20U	20U	29U	20U	20U	20U	20U	20U	20U	20U	20U	20U	20U
2, 4-dinitrotoluene	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2, 6-dinitrotoluene	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-chloronaphthalene	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-chlorophenol	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-methyl-4, 6-dinitrophenol	20U	20U	20U	29U	20U	20U	20U	20U	20U	20U	20U	20U	20U	20U
2-methylnaphthalene	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-methylphenol	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-nitroaniline	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
2-nitrophenol	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
3, 3'-dichlorobenzidine	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
3-nitroaniline	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-bromophenyl phenyl ether	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-chloro-3-methylphenol	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-chloroaniline	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-chlorophenyl phenyl ether	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-nitroaniline	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
4-nitrophenol	20U	20U	20U	29U	20U	20U	20U	20U	20U	20U	20U	20U	20U	20U
acenaphthene	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
acenaphthylene	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
anthracene	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
benzo(a)anthracene	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
benzo(b &/or k) fluoranthene	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
benzo(ghi)perylene	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
benzo-a-pyrene	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
benzyl butyl phthalate	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
bis (2-chloroethoxy) methane	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
bis (2-chloroethyl) ether	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
bis (2-ethylhexyl) phthalate	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
carbazole	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
chrysene	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
di-n-butylphthalate	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
di-n-octylphthalate	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
dibenzo (a, h) anthracene	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
dibenzofuran	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
diethyl phthalate	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
dimethyl phthalate	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
fluoranthene	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
fluorene	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
hexachlorobenzene (hcb)	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
hexachlorobutadiene	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
hexachlorocyclopentadiene (hccp)	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
hexachloroethane	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
indeno (1, 2, 3-cd) pyrene	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
isophorone	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
n-nitrosodi-n-propylamine	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
n-nitrosodiphenylamine/diphenylamine	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
naphthalene	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
nitrobenzene	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
pentachlorophenol	20U	20U	20U	29U	20U	20U	20U	20U	20U	20U	20U	20U	20U	20U
phenanthrene	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
phenol	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U
pyrene	10U	10U	10U	14U	10U	10U	10U	10U	10U	10U	10U	10U	10U	10U

BRUNSWICK COMMUNITY BASED STUDY

APPENDIX A-3: Extractable Organics in Surface Water - 12/95 (cont.)

Compound	Stations										
	BR071	BR072	BR073	BR074	BR075	BR076	BR077	BR078	BR079	BR080	BR081
(3-&/or 4-) methylphenol	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
1, 2, 4-trichlorobenzene	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
2, 2'-chloroisopropylether	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
2, 3, 4, 6-tetrachlorophenol	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
2, 4, 5-trichlorophenol	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
2, 4, 6-trichlorophenol	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
2, 4-dichlorophenol	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
2 ,4-dimethylphenol	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
2, 4-dinitrophenol	20U	20U	20U	20U	20U	29U	20U	20U	20U	20U	20U
2, 4-dinitrotoluene	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
2, 6-dinitrotoluene	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
2-chloronaphthalene	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
2-chlorophenol	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
2-methyl-4, 6-dinitrophenol	20U	20U	20U	20U	20U	29U	20U	20U	20U	20U	20U
2-methylnaphthalene	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
2-methylphenol	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
2-nitroaniline	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
2-nitrophenol	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
3, 3'-dichlorobenzidine	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
3-nitroaniline	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
4-bromophenyl phenyl ether	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
4-chloro-3-methylphenol	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
4-chloroaniline	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
4-chlorophenyl phenyl ether	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
4-nitroaniline	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
4-nitrophenol	20U	20U	20U	20U	20U	29U	20U	20U	20U	20U	20U
acenaphthene	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
acenaphthylene	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
anthracene	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
benzo(a)anthracene	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
benzo(b &/or k) fluoranthene	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
benzo(ghi)perylene	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
benzo-a-pyrene	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
benzyl butyl phthalate	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
bis (2-chloroethoxy) methane	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
bis (2-chloroethyl) ether	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
bis (2-ethylhexyl) phthalate	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
carbazole	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
chrysene	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
di-n-butylphthalate	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
di-n-octylphthalate	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
dibenzo (a, h) anthracene	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
dibenzofuran	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
diethyl phthalate	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
dimethyl phthalate	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
fluoranthene	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
fluorene	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
hexachlorobenzene (hcb)	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
hexachlorobutadiene	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
hexachlorocyclopentadiene (hccp)	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
hexachloroethane	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
indeno (1, 2, 3-cd) pyrene	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
isophorone	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
n-nitrosodi-n-propylamine	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
n-nitrosodiphenylamine/diphenylamine	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
naphthalene	10U	1.1J	10U	10U	10U	14U	10U	10U	10U	10U	10U
nitrobenzene	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
pentachlorophenol	20U	20U	20U	20U	20U	29U	20U	20U	20U	20U	20U
phenanthrene	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
phenol	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U
pyrene	10U	10U	10U	10U	10U	14U	10U	10U	10U	10U	10U

BRUNSWICK COMMUNITY BASED STUDY

APPENDIX A-3: Extractable Organics in Surface Water - 12/95 (cont.)

Compound	Stations with QAQC Samples							
	BR010	BR020	BR030	BR040	BR050	BR060	BR070	BR080
(3-&/or 4-) methylphenol	10U	10U	10U	10U	10U	10U	10U	10U
1, 2, 4-trichlorobenzene	10U	10U	10U	10U	10U	10U	10U	10U
2, 2'-chloroisopropylether	10U	10U	10U	10U	10U	10U	10U	10U
2, 3, 4, 6-tetrachlorophenol	10U	10U	10U	10U	10U	10U	10U	10U
2, 4, 5-trichlorophenol	10U	10U	10U	10U	10U	10U	10U	10U
2, 4, 6-trichlorophenol	10U	10U	10U	10U	10U	10U	10U	10U
2, 4-dichlorophenol	10U	10U	10U	10U	10U	10U	10U	10U
2 ,4-dimethylphenol	10U	10U	10U	10U	10U	10U	10U	10U
2, 4-dinitrophenol	20U	20U	20U	20U	20U	20U	20U	20U
2, 4-dinitrotoluene	10U	10U	10U	10U	10U	10U	10U	10U
2, 6-dinitrotoluene	10U	10U	10U	10U	10U	10U	10U	10U
2-chloronaphthalene	10U	10U	10U	10U	10U	10U	10U	10U
2-chlorophenol	10U	10U	10U	10U	10U	10U	10U	10U
2-methyl-4, 6-dinitrophenol	20U	20U	20U	20U	20U	20U	20U	20U
2-methylnaphthalene	10U	10U	10U	10U	10U	10U	10U	10U
2-methylphenol	10U	10U	10U	10U	10U	10U	10U	10U
2-nitroaniline	10U	10U	10U	10U	10U	10U	10U	10U
2-nitrophenol	10U	10U	10U	10U	10U	10U	10U	10U
3, 3'-dichlorobenzidine	10U	10U	10U	10U	10U	10U	10U	10U
3-nitroaniline	10U	10U	10U	10U	10U	10U	10U	10U
4-bromophenyl phenyl ether	10U	10U	10U	10U	10U	10U	10U	10U
4-chloro-3-methylphenol	10U	10U	10U	10U	10U	10U	10U	10U
4-chloroaniline	10U	10U	10U	10U	10U	10U	10U	10U
4-chlorophenyl phenyl ether	10U	10U	10U	10U	10U	10U	10U	10U
4-nitroaniline	10U	10U	10U	10U	10U	10U	10U	10U
4-nitrophenol	20U	20U	20U	20U	20U	20U	20U	20U
acenaphthene	10U	10U	10U	10U	10U	10U	10U	10U
acenaphthylene	10U	10U	10U	10U	10U	10U	10U	10U
anthracene	10U	10U	10U	10U	10U	10U	10U	10U
benzo(a)anthracene	10U	10U	10U	10U	10U	10U	10U	10U
benzo(b &/or k) fluoranthene	10U	10U	10U	10U	10U	10U	10U	10U
benzo(ghi)perylene	10U	10U	10U	10U	10U	10U	10U	10U
benzo-a-pyrene	10U	10U	10U	10U	10U	10U	10U	10U
benzyl butyl phthalate	10U	10U	10U	10U	10U	10U	10U	10U
bis (2-chloroethoxy) methane	10U	10U	10U	10U	10U	10U	10U	10U
bis (2-chloroethyl) ether	10U	10U	10U	10U	10U	10U	10U	10U
bis (2-ethylhexyl) phthalate	10U	10U	10U	10U	10U	10U	10U	10U
carbazole	10U	10U	10U	10U	10U	10U	10U	10U
chrysene	10U	10U	10U	10U	10U	10U	10U	10U
di-n-butylphthalate	10U	10U	10U	10U	10U	10U	10U	10U
di-n-octylphthalate	10U	10U	10U	10U	10U	10U	10U	10U
dibenzo (a, h) anthracene	10U	10U	10U	10U	10U	10U	10U	10U
dibenzofuran	10U	10U	10U	10U	10U	10U	10U	10U
diethyl phthalate	10U	10U	10U	10U	10U	10U	10U	10U
dimethyl phthalate	10U	10U	10U	10U	10U	10U	10U	10U
fluoranthene	10U	10U	10U	10U	10U	10U	10U	10U
fluorene	10U	10U	10U	10U	10U	10U	10U	10U
hexachlorobenzene (hcb)	10U	10U	10U	10U	10U	10U	10U	10U
hexachlorobutadiene	10U	10U	10U	10U	10U	10U	10U	10U
hexachlorocyclopentadiene (hccp)	10U	10U	10U	10U	10U	10U	10U	10U
hexachloroethane	10U	10U	10U	10U	10U	10U	10U	10U
indeno (1, 2, 3-cd) pyrene	10U	10U	10U	10U	10U	10U	10U	10U
isophorone	10U	10U	10U	10U	10U	10U	10U	10U
n-nitrosodi-n-propylamine	10U	10U	10U	10U	10U	10U	10U	10U
n-nitrosodiphenylamine/diphenylamine	10U	10U	10U	10U	10U	10U	10U	10U
naphthalene	10U	10U	10U	10U	10U	10U	10U	10U
nitrobenzene	10U	10U	10U	10U	10U	10U	10U	10U
pentachlorophenol	20U	20U	20U	20U	20U	20U	20U	20U
phenanthrene	10U	10U	10U	10U	10U	10U	10U	10U
phenol	10U	10U	10U	10U	10U	10U	10U	10U
pyrene	10U	10U	10U	10U	10U	10U	10U	10U

BRUNSWICK COMMUNITY BASED STUDY
APPENDIX A-4: Purgeable Organics in Surface Water - 12/95

Compound	Stations													
	BR001	BR002	BR003	BR004	BR005	BR006	BR007	BR008	BR009	BR010	BR011	BR012	BR013	BR014
chloromethane	5.0U	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
vinyl chloride	5.0U	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
bromomethane	5.0U	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
chloroethane	5.0U	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
trichlorofluoromethane	5.0U	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1-dichloroethene (1,1-dichloroethylene)	5.0U	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
acetone	50U	50UJ	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
carbon disulfide	12U	12UJ	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U
methylene chloride	5.0U	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
trans-1,2-dichloroethene	5.0U	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1-dichloroethane	5.0U	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
cis-1,2-dichloroethene	5.0U	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
2,2-dichloropropane	5.0U	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
methyl ethyl ketone	50U	50UJ	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
bromochloromethane	5.0U	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
chloroform	5.0U	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1,1-trichloroethane	5.0U	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1-dichloropropene	5.0U	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
carbon tetrachloride	5.0U	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,2-dichloroethane	5.0U	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
benzene	5.0U	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
trichloroethene (trichloroethylene)	5.0U	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,2-dichloropropane	5.0U	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
dibromomethane	5.0U	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
bromodichloromethane	5.0U	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
cis-1,3-dichloropropene	5.0U	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
methyl isobutyl ketone	12U	12UJ	12U	12U	12U	12U	12U	12U	12U	12U	2.2J	12U	12U	12U
toluene	5.0U	5.0UJ	5.0U	5.0U	5.0U	0.91J	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
trans-1,3-dichloropropene	5.0U	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1,2-trichloroethane	5.0U	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
tetrachloroethene (tetrachloroethylene)	5.0U	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,3-dichloropropane	5.0U	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
methyl butyl ketone	12U	12UJ	12U	12U	12U	12U	12U	12U	12U	12U	1.9J	12U	12U	12U
dibromochloromethane	5.0U	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
chlorobenzene	5.0U	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1,1,2-tetrachloroethane	5.0U	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
ethyl benzene	5.0U	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
(m- and/or p-) xylene	5.0U	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
o-xylene	5.0U	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
styrene	5.0U	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
bromoform	5.0U	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
bromobenzene	5.0U	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1,2,2-tetrachloroethane	5.0U	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,2,3-trichloropropane	5.0U	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
o-chlorotoluene	5.0U	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
p-chlorotoluene	5.0U	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,3-dichlorobenzene	5.0U	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,4-dichlorobenzene	5.0U	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,2-dichlorobenzene	5.0U	5.0UJ	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,2,4-trimethylbenzene														

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Compound	Stations													
	BR015	BR016	BR017	BR018	BR019	BR020	BR021	BR022	BR023	BR024	BR025	BR026	BR027	BR028
chloromethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
vinyl chloride	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
bromomethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
chloroethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
trichlorofluoromethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1-dichloroethene (1,1-dichloroethylene)	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
acetone	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
carbon disulfide	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U
methylene chloride	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
trans-1,2-dichloroethene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1-dichloroethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
cis-1,2-dichloroethene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
2,2-dichloropropane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
methyl ethyl ketone	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
bromochloromethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
chloroform	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1,1-trichloroethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1-dichloropropene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
carbon tetrachloride	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,2-dichloroethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
benzene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
trichloroethene (trichloroethylene)	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,2-dichloropropane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
dibromomethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
bromodichloromethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
cis-1,3-dichloropropene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
methyl isobutyl ketone	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U
toluene	5.0U	1.6	5.0U	5.0U	1.6	1.7	1.6	10U	1.2	10U	10U	10U	5.0U	10U
trans-1,3-dichloropropene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1,2-trichloroethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
tetrachloroethene (tetrachloroethylene)	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,3-dichloropropane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
methyl butyl ketone	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U
dibromochloromethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
chlorobenzene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1,1,2-tetrachloroethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
ethyl benzene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
(m- and/or p-) xylene	5.0U	0.85J	5.0U	5.0U	1.1	1.1	0.72J	5.0U	0.72J	5.0U	5.0U	5.0U	5.0U	5.0U
o-xylene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
styrene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
bromoform	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
bromobenzene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1,2,2-tetrachloroethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,2,3-trichloropropane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
o-chlorotoluene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
p-chlorotoluene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,3-dichlorobenzene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,4-dichlorobenzene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,2-dichlorobenzene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,2,4-trimethylbenzene							0.51J							

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APPENDIX A-4: Purgeable Organics in Surface Water - 12/95

Compound	Stations													
	BR029	BR030	BR031	BR032	BR033	BR034	BR035	BR036	BR037	BR038	BR039	BR040	BR041	BR042
chloromethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
vinyl chloride	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
bromomethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
chloroethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
trichlorofluoromethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1-dichloroethene (1,1-dichloroethylene)	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
acetone	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
carbon disulfide	12U	12U	1.5J	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U
methylene chloride	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
trans-1,2-dichloroethene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1-dichloroethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
cis-1,2-dichloroethene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
2,2-dichloropropane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
methyl ethyl ketone	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
bromochloromethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
chloroform	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1,1-trichloroethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1-dichloropropene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
carbon tetrachloride	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,2-dichloroethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
benzene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
trichloroethene (trichloroethylene)	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,2-dichloropropane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
dibromomethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
bromodichloromethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
cis-1,3-dichloropropene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
methyl isobutyl ketone	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U
toluene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
trans-1,3-dichloropropene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1,2-trichloroethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
tetrachloroethene (tetrachloroethylene)	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,3-dichloropropane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
methyl butyl ketone	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U
dibromochloromethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
chlorobenzene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1,1,2-tetrachloroethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
ethyl benzene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
(m- and/or p-) xylene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
o-xylene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
styrene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
bromoform	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
bromobenzene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1,2,2-tetrachloroethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,2,3-trichloropropane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
o-chlorotoluene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
p-chlorotoluene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,3-dichlorobenzene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,4-dichlorobenzene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,2-dichlorobenzene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,2,4-trimethylbenzene														

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Compound	Stations													
	BR043	BR044	BR045	BR046	BR047	BR048	BR049	BR050	BR051	BR052	BR053	BR054	BR055	BR056
chloromethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
vinyl chloride	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
bromomethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
chloroethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
trichlorofluoromethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1-dichloroethene (1,1-dichloroethylene)	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
acetone	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
carbon disulfide	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U
methylene chloride	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
trans-1,2-dichloroethene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1-dichloroethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
cis-1,2-dichloroethene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
2,2-dichloropropane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
methyl ethyl ketone	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
bromochloromethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
chloroform	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	2.0A	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1,1-trichloroethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1-dichloropropene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
carbon tetrachloride	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	1.4A	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,2-dichloroethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
benzene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
trichloroethene (trichloroethylene)	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,2-dichloropropane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
dibromomethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
bromodichloromethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
cis-1,3-dichloropropene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
methyl isobutyl ketone	12U	12U	12U	12U	12U	12U	6.7A	12U	12U	12U	12U	12U	12U	12U
toluene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
trans-1,3-dichloropropene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1,2-trichloroethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
tetrachloroethene (tetrachloroethylene)	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,3-dichloropropane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
methyl butyl ketone	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U
dibromochloromethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
chlorobenzene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1,1,2-tetrachloroethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
ethyl benzene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
(m- and/or p-) xylene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
o-xylene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
styrene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
bromoform	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
bromobenzene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1,2,2-tetrachloroethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,2,3-trichloropropane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
o-chlorotoluene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
p-chlorotoluene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,3-dichlorobenzene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,4-dichlorobenzene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,2-dichlorobenzene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,2,4-trimethylbenzene														

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Compound	Stations													
	BR057	BR058	BR059	BR060	BR061	BR062	BR063	BR064	BR065	BR066	BR067	BR068	BR069	BR070
chloromethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
vinyl chloride	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
bromomethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
chloroethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
trichlorofluoromethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1-dichloroethene (1,1-dichloroethylene)	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
acetone	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
carbon disulfide	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U
methylene chloride	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
trans-1,2-dichloroethene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1-dichloroethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
cis-1,2-dichloroethene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
2,2-dichloropropane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
methyl ethyl ketone	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
bromochloromethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
chloroform	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1,1-trichloroethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1-dichloropropene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
carbon tetrachloride	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,2-dichloroethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
benzene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
trichloroethene (trichloroethylene)	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,2-dichloropropane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
dibromomethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
bromodichloromethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
cis-1,3-dichloropropene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
methyl isobutyl ketone	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U
toluene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
trans-1,3-dichloropropene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1,2-trichloroethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
tetrachloroethene (tetrachloroethylene)	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,3-dichloropropane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
methyl butyl ketone	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U
dibromochloromethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
chlorobenzene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1,1,2-tetrachloroethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
ethyl benzene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
(m- and/or p-) xylene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
o-xylene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
styrene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
bromoform	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
bromobenzene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1,2,2-tetrachloroethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,2,3-trichloropropane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
o-chlorotoluene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
p-chlorotoluene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,3-dichlorobenzene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,4-dichlorobenzene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,2-dichlorobenzene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,2,4-trimethylbenzene														

BRUNSWICK COMMUNITY BASED STUDY
APPENDIX A-4: Purgeable Organics in Surface Water - 12/95

Compound	Stations										
	BR071	BR072	BR073	BR074	BR075	BR076	BR077	BR078	BR079	BR080	BR081
chloromethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
vinyl chloride	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
bromomethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
chloroethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
trichlorofluoromethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1-dichloroethene (1,1-dichloroethylene)	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
acetone	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
carbon disulfide	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U
methylene chloride	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
trans-1,2-dichloroethene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1-dichloroethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
cis-1,2-dichloroethene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
2,2-dichloropropane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
methyl ethyl ketone	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U	50U
bromochloromethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
chloroform	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1,1-trichloroethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1-dichloropropene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
carbon tetrachloride	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,2-dichloroethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
benzene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
trichloroethene (trichloroethylene)	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,2-dichloropropane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
dibromomethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
bromodichloromethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
cis-1,3-dichloropropene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
methyl isobutyl ketone	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U
toluene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
trans-1,3-dichloropropene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1,2-trichloroethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
tetrachloroethene (tetrachloroethylene)	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,3-dichloropropane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
methyl butyl ketone	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U
dibromochloromethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
chlorobenzene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1,1,2-tetrachloroethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
ethyl benzene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
(m- and/or p-) xylene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
o-xylene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
styrene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
bromoform	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
bromobenzene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1,2,2-tetrachloroethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,2,3-trichloropropane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
o-chlorotoluene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
p-chlorotoluene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,3-dichlorobenzene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,4-dichlorobenzene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,2-dichlorobenzene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,2,4-trimethylbenzene											

BRUNSWICK COMMUNITY BASED STUDY
APPENDIX A-4: Purgeable Organics in Surface Water - 12/95

Compound	Stations with QAQC Samples							
	BR010	BR020	BR030	BR040	BR050	BR060	BR070	BR080
chloromethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
vinyl chloride	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
bromomethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
chloroethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
trichlorofluoromethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1-dichloroethene (1,1-dichloroethylene)	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
acetone	50U	50U	50U	50U	50U	50U	50U	50U
carbon disulfide	12U	12U	12U	12U	12U	12U	12U	12U
methylene chloride	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
trans-1,2-dichloroethene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1-dichloroethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
cis-1,2-dichloroethene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
2,2-dichloropropane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
methyl ethyl ketone	50U	50U	50U	50U	50U	50U	50U	50U
bromochloromethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
chloroform	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1,1-trichloroethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1-dichloropropene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
carbon tetrachloride	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,2-dichloroethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
benzene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
trichloroethene (trichloroethylene)	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,2-dichloropropane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
dibromomethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
bromodichloromethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
cis-1,3-dichloropropene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
methyl isobutyl ketone	12U	12U	12U	12U	12U	12U	12U	12U
toluene	5.0U	2.2	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
trans-1,3-dichloropropene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1,2-trichloroethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
tetrachloroethene (tetrachloroethylene)	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,3-dichloropropane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
methyl butyl ketone	12U	12U	12U	12U	12U	12U	12U	12U
dibromochloromethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
chlorobenzene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1,1,2-tetrachloroethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
ethyl benzene	5.0U	0.50J	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
(m- and/or p-) xylene	5.0U	1.5	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
o-xylene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
styrene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
bromoform	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
bromobenzene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,1,2,2-tetrachloroethane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,2,3-trichloropropane	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
o-chlorotoluene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
p-chlorotoluene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,3-dichlorobenzene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,4-dichlorobenzene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,2-dichlorobenzene	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U
1,2,4-trimethylbenzene								

APPENDIX B

BRUNSWICK RIVER SEDIMENTS DATA

B-1: METALS

B-2: PCBs/PESTICIDES

B-3: EXTRACTABLE ORGANIC COMPOUNDS

B-4: PURGEABLE ORGANIC COMPOUNDS

B-5: DIOXINS

BRUNSWICK COMMUNITY BASED STUDY
APPENDIX B-1: Metals in River Sediment - 12/95 (cont.)

Compound	Stations													
	BR001	BR002	BR003	BR004	BR005	BR006	BR007	BR008	BR009	BR010	BR011	BR012	BR013	BR014
silver	1.0U	3.0U	4.0U	1.0U	1.0U	4.0U	8.0U	4.0U	2.0U	1.0U	3.0U	3.0U	3.0U	1.0U
arsenic	1.9	8.8	8.9	3.5	0.62	13	16	15	5.2	0.51	16	17	6.6	2.5
boron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
barium	12	25	97	8	6.8	37	30	39	15	3.3	33	31	5.8	5.6
beryllium	0.5U	1.5U	2.0U	0.5U	0.5U	2.0U	4.0U	2.0U	1.0U	0.5U	1.6	1.5U	1.5U	0.5U
cadmium	0.5U	1.5U	2.0U	0.5U	0.5U	2.0U	4.0U	2.0U	1.0U	0.5U	1.5U	1.5U	1.5U	0.5U
cobalt	2.1	5.7	4.0U	1.7	1.0U	8.3	8.0U	7.5	2.7	1.0U	7.1	6.6	3.0U	1.3
chromium	12	30	4.8	10	3.1	53	36	84	21	3.4	70	86	3.5	8.4
copper	3	8	4.0U	1.8	1.0U	10	8.5	10	4	1.0U	9.8	11	3.0U	1.6
molybdenum	1.0U	3.0U	11	1.3	1.0U	4.0U	8.0U	4.0U	2.0U	1.0U	3.0U	3.0U	3.0U	1.0U
nickel	3.5	9.3	8.0U	3.1	2.0U	18	16U	14	5.6	2.0U	13	14	6.0U	2.0U
lead	5.5	14	0.71	2.9	0.84	17	18	25	8	0.5U	23	23	2.7	3.4
antimony	3.0U	9.0U	12U	3.0U	3.0U	12U	24U	12U	6.0U	3.0U	9.0U	9.0U	9.0U	3.0U
selenium	4.0U	12U	16U	4.0U	4.0U	16U	32U	16U	8.0U	4.0U	12U	5.0U	12U	4.0U
tin	2.5U	7.5U	10U	2.5U	2.5U	10U	20U	10U	5.0U	2.5U	7.5U	7.5U	7.5U	2.5U
strontium	18	38	180	22	7.5	130	450	87	74	15	61	90	130	43
tellurium	5.0U	15U	20U	5.0U	5.0U	20U	40U	20U	10U	5.0U	15U	15U	15U	5.0U
titanium	280	380	30	140	86	520	260	300	230	14	220	270	40	92
thallium	10U	30U	40U	10U	10U	40U	80U	40U	20U	10U	30U	30U	30U	10U
vanadium	17	45	18	15	2.2	73	55	70	26	1.4	64	66	9.7	9.8
yttrium	8.1	14	4.0U	5.8	2	20	15	17	10	2.7	16	17	7.3	8.1
zinc	16	42	4.0U	10	1.5	53	55	66	26	3.6	56	64	8.4	11
zirconium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
mercury	0.05U	0.05U	0.05U	0.05U	0.05U	0.05U	0.1	0.39	0.05U	0.5U	0.44	0.46	0.05U	0.05U
aluminum	8900	24000	1000	7700	810	41000	26000	33000	12000	500	32000	28000	1900	4300
manganese	87	310	22	53	9.1	570	660	690	110	14	410	510	320	53
calcium	1200	3100	39000	4300	870	21000	12000	7100	11000	2100	4300	10000	31000	5900
magnesium	1300	4800	660	1200	290	6900	6000	8200	3400	360	6600	8200	1200	1500
iron	7500	22000	1900	5900	850	33000	23000	28000	13000	720	26000	27000	7700	4800
sodium	1200	8800	2300	2600	1500	12000	16000	29000	7000	2000	17000	26000	2600	3600
potassium	500	1900	800U	580	200U	3600	2500	3400	1400	200U	3700	3700	600U	460

Compound	Stations													
	BR015	BR016	BR017	BR018	BR019	BR020	BR021	BR022	BR023	BR024	BR025	BR026	BR027	BR028
silver	15U	1.0U	9.0U	3.0U	1.0U	3.0U	1.0U	1.0U	4.0U	4.0U	4.0U	1.0U	4.0U	1.0U
arsenic	4	5.2	3	4.4	1.6	13	5.8	0.50U	8.6	16	10	0.84	20	0.76
boron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
barium	15U	10	9.0U	5.3	6.1	23	11	6	33	34	21	6.8	35	2.3
beryllium	7.5U	0.53	4.5U	1.5U	0.5U	1.5U	0.53	0.50U	2.0U	2.0U	2.0U	0.5U	2.0U	0.5U
cadmium	7.5U	0.5U	4.5U	1.5U	0.5U	1.5U	0.50U	0.50U	2.0U	2.0U	2.0U	0.5U	2.0U	0.5U
cobalt	15U	2.3	9.0U	3.0U	1.0U	5	2.7	1.0U	6.6	8.9	4.2	1.0U	9.6	1.0U
chromium	15U	16	9.0U	6.3	5.6	41	18	3.3	59	50	23	8.1	56	3.9
copper	15U	2.8	9.0U	3.0U	1.0U	4.7	4	1.0U	8.9	13	7.6	1.0U	16	1.0U
molybdenum	15U	1.0U	9.0U	3.0U	1.0U	3.0U	1.1	1.0U	4.0U	4.0U	4.0U	1.0U	4.0U	1.0U
nickel	30U	3.8	18U	6.0U	2.0U	9.8	4	2.0U	9.7	16	9.2	2.0U	18	2.0U
lead	13	6.8	0.5U	0.5U	2.5	12	7	2.2	20	26	8.6	1.5	34	0.59
antimony	45U	3.0U	27U	9.0U	3.0U	9.0U	3.0U	3.0U	12U	12U	12U	3.0U	12U	3.0U
selenium	60U	2.5U	36U	15U	4.0U	12U	4.0U	4.0U	16U	2.5U	16U	5.0U	16U	4.0U
tin	38U	2.5U	22U	7.5U	2.5U	7.5U	2.5U	2.5U	10U	10U	10U	2.5U	10U	2.5U
strontium	310	81	270	120	14	49	46	5.5	59	48	110	15	50	16
tellurium	75U	5.0U	45U	15U	5.0U	15U	5.0U	5.0U	20U	20U	20U	5.0U	20U	5.0U
titanium	170	180	95	51	120	280	170	260	230	350	190	54	320	22
thallium	150U	10U	90U	30U	10U	30U	10U	10U	40U	40U	40U	10U	40U	10U
vanadium	15U	20	9.0U	6.4	6.2	49	22	4.4	53	68	30	3.6	78	2
yttrium	15U	9.3	9.0U	5	2.4	15	7.5	2.2	16	20	19	3.8	22U	3.6
zinc	20	21	13	7.7	4.8	34	21	4	47	68	27	3.3	79	2.7
zirconium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
mercury	0.05U	0.05U	0.05U	0.05U	0.05U	0.05U	0.08	0.05U	0.28	0.07	0.05U	0.05U	0.08	0.05U
aluminum	8200	8400	3700	2500	2400	26000	10000	1500	33000	34000	16000	1300	3900	600
manganese	120	100	83	120	28	190	76	50	350	250	130	15	290	18
calcium	16000	12000	110000	3900	1600	4200	6900	220	2800	2100	44000	2800	2100	2900
magnesium	3700	3000	1700	1300	730	5300	2700	240	6200	5600	4100	450	6700	290
iron	6900	9700	3100	3600	2700	21000	9600	2500	24000	30000	20000	1300	31000	1000
sodium	6200	6100	3800	3400	2700	10000	6300	410	16000	6200	5000	1800	9800	1200
potassium	3000	1000	1800U	600U	340	3300	1100	200U	2300	3200	2100	210	4100	200U

BRUNSWICK COMMUNITY BASED STUDY
APPENDIX B-1: Metals in River Sediment - 12/95 (cont.)

Compound	Stations													
	BR029	BR030	BR031	BR032	BR033	BR034	BR035	BR036	BR037	BR038	BR039	BR040	BR041	BR042
silver	3.0U	3.0U	1.0U	4.0U	1.0U	3.0U	2.0U	4.0U	3.0U	2.0U	1.0U	4.0U	4.0U	3.0U
arsenic	8.5	18	1.1	14	3.3	3.4	2.6	5.0U	12	6.3	1.5	13	15	8.8
boron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
barium	10	32	3.5	32	15	8.4	6.8	7.3	23	7.6	3.5	28	34	40
beryllium	1.5U	1.6	0.5U	2.0U	0.5U	1.5U	1.0U	2.0U	1.5U	1.0U	0.5U	2.0U	2.0U	1.5U
cadmium	1.5U	1.5U	0.5U	2.0U	0.5U	1.5U	1.0U	2.0U	1.5U	1.0U	0.5U	2.0U	2.0U	1.5U
cobalt	3.0U	6.8	1.0U	7.7	2	3.0U	2.0U	4.0U	4.4	2.0U	1.0U	5.9	5.6	8.1
chromium	10	49	6.6	78	22	10	7.5	7.3	32	11	4.2	47	62	41
copper	3.0U	11	1.0U	13	3.4	3.0U	2.0U	4.0U	7.4	2.3	1.0U	9.9	11	13
molybdenum	3.0U	3.0U	1.0U	4.0U	1.0U	3.0U	2.0U	4.0U	3.0U	2.1	1.0U	4.0U	4.0U	3.0U
nickel	6.0U	11	2.0U	16	3.8	6.0U	4.0U	8.0U	8.9	7	2.0U	13	14	13
lead	4.4	23	1.3	26	6.5	4.6	3.1	6	12	4.3	1.9	17	20	19
antimony	9.0U	9.0U	3.0U	12U	3.0U	9.0U	6.0U	12U	9.0U	6.0U	3.0U	12U	12U	9.0U
selenium	12U	20	4.0U	16U	2.5U	12	8.0U	16U	12U	8.0U	4.0U	16U	16U	12U
tin	7.5U	7.5U	2.5U	10U	2.5U	7.5U	5.0U	10U	7.5U	5.0U	2.5U	10U	10U	7.5U
strontium	80	77	19	77	37	160	82	220	42	69	21	54	110	40
tellurium	15U	15U	5.0U	20U	5.0U	15U	10U	20U	15U	10U	5.0U	20U	20U	15U
titanium	100	290	44	240	140	150	98	95	290	100	53	300	430	400
thallium	30U	30U	10U	40U	10U	30U	20U	40U	30U	20U	10U	40U	40U	30U
vanadium	17	67	3.9	68	19	15	9.6	8.2	44	15	4.8	53	69	65
yttrium	8.8	18	3.8	16	6.7	8.7	9.4	5.2	12	6.4	3.6	15	18	18
zinc	16	62	3.7	69	20	15	8.6	9.2	34	13	4.6	48	66	67
zirconium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
mercury	0.05U	0.11	0.05U	0.55	0.06	0.05U	0.05U	0.05U	0.06	0.05U	0.05U	0.05U	0.07	0.05U
aluminum	6400	30000	1600	33000	8100	6600	4400	2900	24000	5900	2100	30000	38000	32000
manganese	99	440	24	450	58	61	64	40	190	80	20	250	410	550
calcium	17000	6400	3100	7000	3800	34000	18000	51000	3200	16000	3400	3200	13000	1900
magnesium	1800	7400	420	7900	2100	2000	1400	1300	4800	2300	630	6200	8900	4900
iron	11000	29000	1400	28000	7300	6700	4100	2800	19000	5700	2000	24000	31000	30000
sodium	4000	24000	1200	24000	6500	5000	3600	2600	10000	4400	2200	17000	22000	3800
potassium	900	4000	200U	3800	1100	600U	400U	800U	2400	560	200U	3400	3800	2200

Compound	Stations													
	BR043	BR044	BR045	BR046	BR047	BR048	BR049	BR050	BR051	BR052	BR053	BR054	BR055	BR056
silver	1.0U	3.0U	1.5U	1.5U	3.0U	3.0U	3.0U	3.0U	3.0U	1.5U	3.0U	3.0U	1.0U	1.5U
arsenic	1.4	13	1.4	7.9	11	16	14	12	11	4.8	13	16	1.1	4.1
boron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
barium	7.7	30	8.6	7.4	19	30	38	29	26	14	30	30	4.6	9.9
beryllium	0.5U	1.5U	0.5U	0.5U	1.5U	1.5U	1.5U	1.5U	1.5U	0.5U	1.5U	1.5	0.5U	0.5U
cadmium	0.5U	1.5U	0.5U	0.5U	1.5U	1.5U	1.5U	1.5U	1.5U	0.5U	1.5U	1.5U	0.5U	0.5U
cobalt	1.4	5.8	1.0U	1.4	4.5	6.8	6.5	5.6	5.8	1.7	5.5	5.8	1.0U	1.9
chromium	7.6	78	8.3	7	32	100	87	49	38	12	56	41	6.9	12
copper	1.7	11	1	1.7	3.1	14	20	9.2	9.7	2.2	20	12	1.0U	3.3
molybdenum	1.0U	3.0U	1.0U	1.0U	3.0U	3.0U	3.0U	3.0U	3.0U	1.0U	3.0U	3.0U	1.0U	1.0U
nickel	2.5	12	2.0U	2.0U	6.0U	11	11	9.7	11	2.5	13	12	2.0U	3.1
lead	3	22	4.6	3.5	16	27	120	16	14	4.7	22	20	1.4	5.1
antimony	3.0U	9.0U	3.0U	3.0U	9.0U	9.0U	9.0U	9.0U	9.0U	3.0U	9.0U	9.0U	3.0U	3.0U
selenium	4.0U	12U	4.0U	4.0U	12U	12U	5.0U	12U	12U	4.0U	5.0U	12U	5.0U	4.0U
tin	2.5U	7.5U	3.0U	3.0U	7.5U	7.5U	7.5U	7.5U	7.5U	3.0U	7.5U	7.5U	2.5U	3.0U
strontium	15	57	13	17	39	68	66	46	150	44	77	140	18	71
tellurium	5.0U	15U	5.0U	5.0U	15U	15U	15U	15U	15U	5.0U	15U	15U	5.0U	5.0U
titanium	130	170	75	71	110	220	260	210	390	110	260	320	41	170
thallium	10U	30U	10U	10U	30U	30U	30U	30U	30U	10U	30U	30U	10U	10U
vanadium	12	56	6.2	12	44	62	56	45	46	16	58	59	4.4	17
yttrium	5.1	16	4.2	5	7.6	17	16	13	16	10	15	17	4.1	9.6
zinc	12	54	4.8	12	29	68	170	40	47	14	70	49	4.7	16
zirconium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
mercury	0.05U	0.63	0.05U	0.05U	0.06	1.2	0.9	0.37	0.08	0.05U	0.22	0.09	0.05U	0.05U
aluminum	5000	29000	2200	3600	25000	28000	26000	21000	25000	6200	29000	30000	1900	8700
manganese	34	290	20	78	210	310	340	260	310	76	340	510	15	74
calcium	1600	2600	1000	1700	1700	4000	3900	3100	25000	6600	8800	23000	2500	12000
magnesium	880	6000	560	1000	4500	7200	5900	4800	6200	1800	7600	7000	530	2200
iron	5800	26000	2300	7600	24000	28000	25000	20000	24000	8900	24000	28000	1900	8000
sodium	740	15000	1600	2400	5700	21000	16000	12000	13000	3200	22000	23000	1700	4800
potassium	350	3000	200U	300	2200	3500	2800	2600	2700	720	3700	3000	230	770

BRUNSWICK COMMUNITY BASED STUDY
APPENDIX B-1: Metals in River Sediment - 12/95 (cont.)

Compound	Stations													
	BR057	BR058	BR059	BR060	BR061	BR062	BR063	BR064	BR065	BR066	BR067	BR068	BR069	BR070
silver	8.0U	4.0U	2.0U	1.5U	2.0U	2.0U	1.0U	3.0U	3.0U	5.0U	5.0U	3.0U	3.0U	1.5U
arsenic	7.2	18	3.5	2.7	8.9	7.2	3.2	12	2.3	14	20	6.6	0.5U	10.86
boron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
barium	10	33	3.8	4.9	14	16	5.2	29	5.2	40	43	33	29	6.9
beryllium	4.0U	2.0U	1.0U	0.5U	1.0U	1.0U	0.5U	1.5U	1.5U	2.5U	2.5U	1.5U	1.5U	0.5U
cadmium	4.0U	2.0U	1.0U	0.5U	1.0U	1.0U	0.5U	1.5U	1.5U	2.5U	2.5U	1.5U	1.5U	0.5U
cobalt	8.0U	6.7	2.0U	1.0U	2.8	3.6	1.6	6.9	3.0U	9.8	9.5	5.7	5.3	1.0U
chromium	13	62	5.6	7.6	22	19	6.4	43	6.1	61	56	59	69	8.8
copper	8.0U	13	2.0U	1.4	5.3	5.7	1.1	12	3.0U	18	17	8.5	9.1	1.2
molybdenum	8.0U	4.0U	2.0U	1.0U	2.0U	2.0U	1.3	3.0U	3.0U	5.0U	5.0U	3.0U	3.0U	1.0U
nickel	16U	14	4.0U	2.0U	5.4	5.9	2	12	6.0U	16	16	9.8	10	2.0U
lead	3.6	23	2	3	7.6	11	2.3	17	0.76	26	26	19	17	3.1
antimony	24U	12U	6.0U	3.0U	6.0U	6.0U	3.0U	9.0U	9.0U	15U	15U	9.0U	9.0U	3.0U
selenium	32U	16U	8.0U	4.0U	8.0U	8.0U	5.0U	12U	15U	20U	20U	12U	12U	5.0U
tin	20U	10U	5.0U	3.0U	5.0U	5.0U	2.5U	7.5U	7.5U	12U	12U	7.5U	7.5U	2.5U
strontium	260	68	52	34	120	23	17	51	140	55	64	49	55	11
tellurium	40U	20U	10U	5.0U	10U	10U	5.0U	15U	15U	25U	25U	15U	15U	5.0U
titanium	98	310	45	70	200	220	48	320	32	430	440	200	330	290
thallium	80U	40U	20U	10U	20U	20U	19U	30U	30U	50U	50U	30U	30U	10U
vanadium	14	68	6.7	9	28	28	8.7	55	3.9	77	83	49	47	8
yttrium	12	19	5.2	5.6	9.8	12	8.6	17	5.7	21	23	13	12	3.5
zinc	14	62	6.2	8.1	29	31	6.3	56	7.2	83	83	46	50	6.1
zirconium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
mercury	0.05U	0.17	0.05U	0.05U	0.08	0.05U	0.05U	0.07	0.05U	0.05	0.12	0.53	1.8J	0.05U
aluminum	6500	34000	2100	3100	12000	14000	2700	28000	1200	44000	46000	27000	25000	3300
manganese	210	360	66	99	110	100	36	480	30	350	640	260	460	55
calcium	130000	5500	19000	6000	23000	1800	2600	3600	2900	2500	4400	2200	5100	480
magnesium	11000	7800	4400	1000	3800	2100	740	5600	590	7100	7000	5100	5500	850
iron	6500	30000	3000	3300	14000	13000	7000	2600	1300	34000	37000	20000	20000	3000
sodium	4800	20000	2000	2600	9000	2700	1400	10000	2000	10000	8400	14000	15000	3300
potassium	1600	3800	400U	250	1400	1100	440	29000	600U	2500	2600	2500	2400	380

Compound	BR071	BR072	BR073	BR074	BR075	BR076	BR077	BR078	BR079	BR080	BR081
silver	5.0U	3.0U	2.0U	1.5U	1.5U	3.0U	4.0U	2.0U	2.0U	2.0U	5.0U
arsenic	12	9.7	13	1.4	3.7	0.83	7.6	5	6.3	6.6	0.5U
boron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
barium	42	24	23	3.3	7.8	4.6	38	6.3	13	11	39
beryllium	2.5U	1.5U	1.1	0.5U	0.5U	1.5U	2.0U	1.0U	1.0U	1.0U	2.5U
cadmium	2.5U	1.5U	1.0U	0.5U	0.5U	1.5U	2.0U	1.0U	1.0U	1.0U	2.5U
cobalt	8.4	3.0U	4.6	1.0U	1.7	3.0U	7.4	2.0U	2.0U	2.3	8.1
chromium	100	17	31	6.8	12	6.4	48	7.9	14	16	54
copper	17	15	8.7	1.0U	2.5	3.0U	14	2.3	3	3.5	13
molybdenum	5.0U	3.0U	2.0U	1.0U	1.0U	3.0U	4.0U	2.0U	2.0U	2.0U	5.0U
nickel	16	6.0U	8.4	2.0U	3.6	6.0U	14	4.0U	4.0U	4.0U	15
lead	23	9.6	16	0.97	4.8	2	54	3.5	5.8	9.8	26
antimony	15U	9.0U	6.0U	3.0U	3.0U	9.0U	12U	6.0U	6.0U	6.0U	15U
selenium	20U	12U	8.0U	5.0U	4.0U	2.0U	2.0U	8.0U	8.0U	8.0U	2.0U
tin	12U	7.5U	5.0U	2.5U	3.0U	7.5U	10U	5.0U	5.0U	5.0U	12U
strontium	77	90	150	39	46	99	140	78	61	94	100
tellurium	25U	15U	10U	5.0U	5.0U	15U	20U	10U	10U	10U	25U
titanium	340	180	270	50U	130	190	490	85	130	180	510
thallium	50U	30U	20U	10U	10U	30U	40U	20U	20U	20U	50U
vanadium	70	25	46	3.2	15	4	68	9.6	17	21	73
yttrium	19	11	14	3	8.8	5	17	5.9	7.5	7.4	18
zinc	90	43	41	2.6	16	7.5	58	9	15	18	70
zirconium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
mercury	0.48	0.64	0.14	0.05U	0.05U	0.05U	0.05U	0.5U	0.05	0.05	0.07
aluminum	42000	11000	20000	1300	6900	2000	43000	4100	7500	9100	43000
manganese	430	130	460	31	74	57	460	85	220	93	590
calcium	4600	16000	23000	9000	6000	32000	24000	18000	14000	19000	11000
magnesium	8800	2800	6200	510	2200	770	8100	1600	3900	2700	8100
iron	30000	14000	20000	1500	7300	2000	30000	4600	8100	9200	31000
sodium	25000	7400	18000	2000	5600	2800	23000	4000	6400	6500	17000
potassium	4000	1200	2300	200U	740	600	3400	400U	590	970	3300

BRUNSWICK COMMUNITY BASED STUDY

APPENDIX B-1: Metals in River Sediment - 12/95 (cont.)

ns with QAQC Samples

Compound	BR010	BR020	BR030	BR040	BR050	BR060	BR070	BR080
silver	1.0U	3.0U	4.0U	3.0U	2.0U	1.5U	1.5U	2.0U
arsenic	0.51	6.7	19	15	11	2.6	0.79	6.5
boron	NA	NA	NA	NA	NA	NA	NA	NA
barium	1.5	22	33	28	23	5	14	11
beryllium	0.5U	1.5U	2.0U	1.5U	1.0U	0.50U	0.50U	1.0U
cadmium	0.5U	1.5U	2.0U	1.5U	1.0U	0.05U	0.50U	1.0U
cobalt	1.0U	4.4	7.1	6.7	4.5	1.0U	1.0U	2.5
chromium	2.7	38	51	49	46	6.9	9.1	17
copper	1.0U	4.4	12	12	7.9	1.2	1.2	3.1
molybdenum	1.0U	3.0U	4.0U	3.0U	2.0U	1.0U	1.0U	2.0U
nickel	2.0U	9.2	13	13	8.9	2.0U	2.0U	4.0U
lead	0.50U	11	23	18	14	2.9	3	9.9
antimony	3.0U	9.0U	12U	9.0U	6.0U	3.0U	3.0U	6.0U
selenium	4.0U	12U	2.5U	12U	8.0U	4.0U	5.0U	8.0U
tin	2.5U	7.5U	10U	7.5U	5.0U	3.0U	2.5U	5.0U
strontium	15	54	75	55	68	32	11	85
tellurium	5.0U	15U	20U	15U	10U	5.0U	5.0U	10U
titanium	7.3	270	270	260	220	65	410	170
thallium	10U	30U	40U	30U	20U	10U	10U	20U
vanadium	1.0U	47	70	55	41	8.6	8.6	20
yttrium	1.9	15	18	16	12	5.7	4.3	7.7
zinc	2.6	33	64	51	36	7.7	6.4	19
zirconium	NA	NA	NA	NA	NA	NA	NA	NA
mercury	0.05U	0.05U	0.12	0.05U	0.34	0.05U	0.05U	0.06
aluminum	330	24000	33000	30000	19000	3000	3500	9500
manganese	11	190	430	270	230	98	62	100
calcium	2400	7800	6500	3300	9600	5700	470	16000
magnesium	320	5100	7700	6500	4200	950	820	2700
iron	510	20000	30000	25000	18000	3100	3100	9300
sodium	2200	10000	24000	18000	11000	2400	2900	6600
potassium	200U	3100	4400	3600	2300	290	320	980

BRUNSWICK COMMUNITY BASED STUDY

APPENDIX B-2: PCB's & Pesticides in River Sediment - 12/95 (cont.)

Compound	Stations													
	BR001	BR002	BR003	BR004	BR005	BR006	BR007	BR008	BR009	BR010	BR011	BR012	BR013	BR014
aldrin	50U	50U	50U	23U	20U	45U	39U	65U	54U	18U	60U	140U	20U	45U
heptachlor	50U	50U	50U	23U	20U	45U	39U	65U	54U	18U	60U	140U	20U	45U
heptachlor epoxide	50U	50U	50U	23U	20U	45U	39U	65U	27U	18U	60U	69U	20U	45U
alpha-bhc	50U	50U	50U	23U	20U	45U	39U	65U	54U	18U	60U	140U	20U	45U
beta-bhc	50U	50U	50U	23U	20U	45U	39U	65U	54U	18U	60U	140U	20U	45U
gamma-bhc (lindane)	50U	50U	50U	23U	20U	45U	39U	65U	54U	18U	60U	140U	20U	45U
delta-bhc	50U	50U	50U	23U	20U	45U	39U	65U	27U	18U	60U	69U	20U	45U
endosulfan I (alpha)	50U	50U	50U	23U	20U	45U	39U	65U	27U	18U	60U	69U	20U	45U
dieldrin	50U	50U	50U	23U	20U	45U	39U	65U	27U	18U	60U	69U	20U	45U
4, 4' - DDT (P, P' -DDT)	50U	50U	50U	23U	20U	48U	39U	71U	27U	18U	71U	74U	21U	45U
4, 4' - DDE (P, P' -DDE)	50U	50U	50U	23U	20U	45U	39U	65U	27U	18U	60U	69U	20U	45U
4, 4' - DDD (P, P' -DDD)	50U	50U	50U	23U	20U	45U	39U	65U	27U	18U	60U	69U	20U	45U
endrin	50U	50U	50U	23U	20U	45U	39U	65U	27U	18U	60U	69U	20U	45U
endosulfan II (beta)	50U	50U	50U	23U	20U	45U	39U	65U	27U	18U	63U	76U	20U	45U
endosulfan sulfate	50U	50U	50U	56U	49U	49U	46U	65U	31U	18U	71U	80U	23U	26U
chlordane (tech. mixture)	200U	200U	200U	120U	98U	160U	96U	160U	67U	45U	150U	170U	49U	57U
PCB - 1242 (Aroclor 1242)	500U	500U	500U	120U	98U	220U	190U	330U	270U	90U	350U	690U	110U	230U
PCB - 1254 (Aroclor 1254)	500U	500U	500U	120U	98U	220U	190U	330U	270U	90U	350U	420U	110U	110U
PCB - 1221 (Aroclor 1221)	500U	500U	500U	120U	98U	220U	190U	330U	270U	90U	350U	690U	110U	230U
PCB - 1232 (Aroclor 1232)	500U	500U	500U	120U	98U	220U	190U	330U	270U	90U	350U	690U	110U	230U
PCB - 1248 (Aroclor 1248)	500U	500U	500U	120U	98U	220U	190U	330U	270U	90U	350U	690U	110U	230U
PCB - 1260 (Aroclor 1260)	500U	500U	500U	120U	98U	220U	190U	330U	270U	90U	350U	420U	110U	110U
PCB - 1016 (Aroclor 1016)	500U	500U	500U	120U	98U	220U	190U	330U	270U	90U	350U	690U	110U	230U
toxaphene	3000U	3000U	3000U	1100U	780U	1800U	1800U	2800U	1200U	720U	3400U	4400U	790U	950U
chlordene														
alpha-chlordene														
beta-chlordene														
gamma-chlordene														
gamma-chlordane														
trans-nonachlor														
alpha-chlordane														
cis-nonachlor														
oxychlordane														
methoxychlor	200U	200U	200U	46U	41U	90U	77U	240U	54U	40U	120U	140U	40U	45U
endrin ketone	50U	50U	50U	25U	20U	46U	39U	68U	27U	18U	60U	69U	20U	23U
arochlor (1268)	500U	500U	10JN	120U	98U	220U	68J	590	25J	90U	350	720	110U	110U

Compound	Stations													
	BR015	BR016	BR017	BR018	BR019	BR020	BR021	BR022	BR023	BR024	BR025	BR026	BR027	BR028
aldrin	26U	24U	19U	39U	20U	33U	25U	18U	110U	50U	50U	50U	50U	50U
heptachlor	26U	24U	19U	39U	20U	33U	25U	18U	110U	50U	50U	50U	50U	50U
heptachlor epoxide	26U	24U	19U	39U	20U	33U	25U	18U	110U	50U	50U	50U	50U	50U
alpha-bhc	26U	24U	19U	39U	20U	33U	25U	18U	110U	50U	50U	50U	50U	50U
beta-bhc	26U	24U	19U	39U	20U	33U	25U	18U	110U	50U	50U	50U	50U	50U
gamma-bhc (lindane)	26U	24U	19U	39U	20U	33U	25U	18U	110U	50U	50U	50U	50U	50U
delta-bhc	26U	24U	19U	39U	20U	33U	25U	18U	110U	50U	50U	50U	50U	50U
endosulfan I (alpha)	26U	24U	19U	39U	20U	33U	25U	18U	110U	50U	50U	50U	50U	50U
dieldrin	26U	24U	19U	39U	20U	33U	25U	18U	110U	50U	50U	50U	50U	50U
4, 4' - DDT (P, P' -DDT)	28U	24U	19U	48U	21U	36U	25U	18U	110U	50U	50U	50U	53U	50U
4, 4' - DDE (P, P' -DDE)	26U	24U	19U	39U	20U	33U	25U	18U	110U	50U	50U	50U	50U	50U
4, 4' - DDD (P, P' -DDD)	26U	24U	19U	39U	20U	33U	25U	18U	110U	50U	50U	50U	50U	50U
endrin	26U	24U	19U	39U	20U	33U	25U	19U	110U	50U	50U	50U	50U	50U
endosulfan II (beta)	26U	24U	19U	39U	20U	33U	25U	18U	110U	50U	50U	50U	50U	50U
endosulfan sulfate	26U	25U	19U	39U	24U	39U	29U	18U	110U	50U	50U	50U	53U	50U
chlordane (tech. mixture)	26U	60U	47U	97U	49U	83U	62U	46U	140U	200U	200U	200U	200U	200U
PCB - 1242 (Aroclor 1242)	130U	120U	94U	190U	110U	170U	120U	94U	280U	500U	500U	500U	500U	500U
PCB - 1254 (Aroclor 1254)	130U	120U	94U	190U	110U	170U	120U	94U	280U	500U	500U	500U	500U	500U
PCB - 1221 (Aroclor 1221)	130U	120U	94U	190U	110U	170U	120U	94U	280U	500U	500U	500U	500U	500U
PCB - 1232 (Aroclor 1232)	130U	120U	94U	190U	110U	170U	120U	94U	280U	500U	500U	500U	500U	500U
PCB - 1248 (Aroclor 1248)	130U	120U	94U	190U	110U	170U	120U	94U	280U	500U	500U	500U	500U	500U
PCB - 1260 (Aroclor 1260)	130U	120U	94U	190U	110U	170U	120U	94U	280U	500U	500U	500U	500U	500U
PCB - 1016 (Aroclor 1016)	130U	120U	94U	190U	110U	170U	120U	94U	280U	500U	500U	500U	500U	500U
toxaphene	1100U	1100U	1000U	1500U	800U	1300U	1200U	730U	2400U	3000U	3000U	3000U	3000U	3000U
chlordene														
alpha-chlordene														
beta-chlordene														
gamma-chlordene														
gamma-chlordane														
trans-nonachlor														
alpha-chlordane														
cis-nonachlor														
oxychlordane														
methoxychlor	79U	48U	53U	82U	39U	66U	50U	38U	150U	200U	200U	200U	200U	200U
endrin ketone	26U	24U	21U	39U	20U	33U	25U	18U	110U	50U	50U	50U	53U	50U
arochlor (1268)	200	66J	22J	190U	110U	170U	57J	94U	200J	24JN	500U	500U	30JN	500U

BRUNSWICK COMMUNITY BASED STUDY
APPENDIX B-2: PCB's & Pesticides in River Sediment - 12/95 (cont.)

Compound	Stations													
	BR029	BR030	BR031	BR032	BR033	BR034	BR035	BR036	BR037	BR038	BR039	BR040	BR041	BR042
aldrin	50U	1300U	50U	1500U	50U	41U	38U	50U	37U	40U	19U	50UJ	50U	50U
heptachlor	50U	1300U	50U	1500U	50U	41U	38U	50U	37U	40U	19U	50UJ	50U	50U
heptachlor epoxide	50U	63U	50U	75U	50U	50U	38U	50U	37U	20U	19U	50UJ	50U	50U
alpha-bhc	50U	1300U	50U	1500U	50U	41U	38U	50U	37U	40U	19U	50UJ	50U	50U
beta-bhc	50U	1300U	50U	1500U	50U	41U	38U	50U	37U	40U	19U	50UJ	50U	50U
gamma-bhc (lindane)	50U	1300U	50U	1500U	50U	41U	38U	50U	37U	40U	19U	50UJ	50U	50U
delta-bhc	50U	63U	50U	75U	50U	21U	38U	50U	37U	20U	19U	50UJ	50U	50U
endosulfan I (alpha)	50U	63U	50U	75U	50U	21U	38U	50U	37U	20U	19U	50UJ	50U	50U
dieldrin	50U	63U	50U	75U	50U	100U	38U	50U	37U	20U	19U	50UJ	50U	50U
4, 4' - DDT (P, P' -DDT)	50U	63U	50U	80U	50U	21U	38U	50U	40U	20U	21U	57UJ	58U	59U
4, 4' - DDE (P, P' -DDE)	50U	63U	50U	75U	50U	21U	38U	50U	37U	20U	19U	50UJ	50U	50U
4, 4' - DDD (P, P' -DDD)	50U	63U	50U	75U	50U	28U	38U	50U	37U	20U	19U	50UJ	50U	50U
endrin	50U	67U	50U	75U	50U	47U	38U	50U	37U	20U	19U	50UJ	50U	50U
endosulfan II (beta)	50U	63U	50U	80U	50U	21U	38U	50U	37U	20U	19U	50UJ	50U	50U
endosulfan sulfate	50U	74U	50U	85U	50U	21U	22U	50U	44U	23U	22U	57UJ	58U	59U
chlordane (tech. mixture)	200U	160U	200U	190U	200U	52U	47U	200U	92U	50U	47U	200UJ	200U	200U
PCB - 1242 (Aroclor 1242)	500U	7100U	500U	8600U	500U	210U	190U	500U	180U	200U	94U	500UJ	500U	500U
PCB - 1254 (Aroclor 1254)	500U	310U	500U	430U	500U	210U	190U	500U	180U	200U	94U	500UJ	500U	500U
PCB - 1221 (Aroclor 1221)	500U	7100U	500U	8600U	500U	210U	190U	500U	180U	200U	94U	500UJ	500U	500U
PCB - 1232 (Aroclor 1232)	500U	7100U	500U	8600U	500U	210U	190U	500U	180U	200U	94U	500UJ	500U	500U
PCB - 1248 (Aroclor 1248)	500U	7100U	500U	8600U	500U	210U	190U	500U	180U	200U	94U	500UJ	500U	500U
PCB - 1260 (Aroclor 1260)	500U	310U	500U	430U	500U	210U	190U	500U	180U	200U	94U	500UJ	500U	500U
PCB - 1016 (Aroclor 1016)	500U	7100U	500U	8600U	500U	210U	190U	500U	180U	200U	94U	500UJ	500U	500U
toxaphene	3000U	4000U	3000U	4500U	3000U	1400U	760U	3000U	1500U	960U	780U	3000UJ	3000U	3000U
chlordene														
alpha-chlordene														
beta-chlordene														
gamma-chlordene														
gamma-chlordane														
trans-nonachlor														
alpha-chlordane														
cis-nonachlor														
oxychlordane														
methoxychlor	200U	130U	200U	150U	200U	41U	38U	200U	74U	40U	38U	200UJ	200U	200U
endrin ketone	50U	63U	50U	75U	50U	21U	19U	50U	37U	20U	19U	57UJ	58U	59U
arochlor (1268)	24JN	110J	14JN	610	84J	25J	190U	110J	19J	15J	94U	500UJ	120J	54JN

Compound	Stations													
	BR043	BR044	BR045	BR046	BR047	BR048	BR049	BR050	BR051	BR052	BR053	BR054	BR055	BR056
aldrin	50U	120U	18U	43U	71U	1400U	1100U	92U	77U	40U	1300U	96U	50U	21U
heptachlor	50U	120U	18U	43U	71U	1400U	1100U	92U	77U	40U	1300U	96U	50U	21U
heptachlor epoxide	50U	58U	18U	21U	36U	140U	1100U	46U	39U	20U	93U	48U	50U	21U
alpha-bhc	50U	120U	18U	43U	71U	1400U	1100U	92U	77U	40U	1300U	96U	50U	21U
beta-bhc	50U	120U	18U	43U	71U	1400U	1100U	92U	77U	40U	1300U	96U	50U	21U
gamma-bhc (lindane)	50U	120U	18U	43U	71U	1400U	1100U	92U	77U	40U	1300U	96U	50U	21U
delta-bhc	50U	58U	18U	21U	36U	140U	1100U	46U	39U	20U	67U	48U	50U	21U
endosulfan I (alpha)	50U	58U	18U	21U	36U	140U	1100U	46U	39U	20U	67U	48U	50U	21U
dieldrin	50U	58U	18U	21U	36U	140U	2000U	46U	39U	20U	67U	48U	50U	21U
4, 4' - DDT (P, P' -DDT)	50U	64U	18U	21U	36U	140U	1100U	46U	39U	20U	67U	48U	50U	23U
4, 4' - DDE (P, P' -DDE)	50U	58U	18U	21U	36U	140U	1100U	46U	39U	20U	67U	48U	50U	21U
4, 4' - DDD (P, P' -DDD)	50U	58U	18U	21U	36U	140U	1100U	46U	39U	20U	67U	48U	50U	21U
endrin	50U	58U	18U	21U	36U	140U	1200U	46U	39U	20U	67U	48U	50U	21U
endosulfan II (beta)	50U	68U	18U	21U	36U	140U	1100U	57U	33U	20U	70U	48U	50U	21U
endosulfan sulfate	50U	68U	22U	21U	41U	150U	1300U	54U	47U	23U	85U	55U	50U	25U
chlordane (tech. mixture)	200U	140U	45U	54U	89U	360U	2800U	120U	96U	50U	170U	120U	200U	52U
PCB - 1242 (Aroclor 1242)	500U	350U	89U	210U	360U	880U	5900U	260U	190U	200U	330U	480U	500U	100U
PCB - 1254 (Aroclor 1254)	500U	350U	89U	210U	360U	880U	5900U	260U	190U	200U	330U	480U	500U	100U
PCB - 1221 (Aroclor 1221)	500U	350U	89U	210U	360U	880U	5900U	260U	190U	200U	330U	480U	500U	100U
PCB - 1232 (Aroclor 1232)	500U	350U	89U	210U	360U	880U	5900U	260U	190U	200U	330U	480U	500U	100U
PCB - 1248 (Aroclor 1248)	500U	350U	89U	210U	360U	880U	5900U	260U	190U	200U	330U	480U	500U	100U
PCB - 1260 (Aroclor 1260)	500U	350U	89U	210U	360U	880U	5900U	260U	190U	200U	330U	480U	500U	100U
PCB - 1016 (Aroclor 1016)	500U	350U	89U	210U	360U	880U	5900U	260U	190U	200U	330U	480U	500U	100U
toxaphene	3000U	3900U	870U	860U	1900U	10000U	70000U	3400U	3200U	800U	6200U	2200U	3000U	850U
chlordene														
alpha-chlordene														
beta-chlordene														
gamma-chlordene														
gamma-chlordane														
trans-nonachlor														
alpha-chlordane														
cis-nonachlor														
oxychlordane														
methoxychlor	200U	120U	36U	43U	71U	290U	2400U	92U	77U	40U	130U	96U	200U	42U
endrin ketone	50U	58U	18U	21U	36U	140U	1200U	46U	39U	20U	67U	48U	50U	21U
arochlor (1268)	500U	500	18J	210U	18J	1400	5900U	440	30J	200U	190J	44J	500U	100U

BRUNSWICK COMMUNITY BASED STUDY
APPENDIX B-2: PCB's & Pesticides in River Sediment - 12/95 (cont.)

Compound	Stations													
	BR057	BR058	BR059	BR060	BR061	BR062	BR063	BR064	BR065	BR066	BR067	BR068	BR069	BR070
aldrin	50U	98U	16U	20U	28U	50U	50U	50U	16U	100U	44U	110U	92U	21U
heptachlor	50U	98U	16U	20U	28U	50U	50U	50U	16U	100U	44U	110U	92U	21U
heptachlor epoxide	50U	49U	16U	20U	28U	50U	50U	50U	16U	100U	44U	110U	92U	21U
alpha-bhc	50U	98U	16U	20U	28U	50U	50U	50U	16U	100U	44U	110U	92U	21U
beta-bhc	50U	98U	16U	20U	28U	50U	50U	50U	16U	100U	44U	110U	92U	21U
gamma-bhc (lindane)	50U	98U	16U	20U	28U	50U	50U	50U	16U	100U	44U	110U	92U	21U
delta-bhc	50U	49U	16U	20U	28U	50U	50U	50U	16U	100U	44U	110U	92U	21U
endosulfan I (alpha)	50U	49U	16U	20U	28U	50U	50U	50U	16U	100U	44U	110U	92U	21U
dieldrin	50U	49U	16U	20U	28U	50U	50U	50U	16U	100U	44U	110U	92U	21U
4, 4' - DDT (P, P' -DDT)	50U	49U	17U	22U	28U	50U	50U	50U	17U	120U	49U	120U	92U	21U
4, 4' - DDE (P, P' -DDE)	50U	49U	16U	20U	28U	50U	50U	50U	16U	100U	44U	110U	92U	21U
4, 4' - DDD (P, P' -DDD)	50U	49U	16U	20U	28U	50U	50U	50U	16U	100U	44U	110U	92U	21U
endrin	50U	49U	16U	20U	28U	50U	50U	50U	16U	100U	5.8J	110U	92U	21U
endosulfan II (beta)	50U	49U	16U	20U	28U	50U	50U	50U	16U	100U	44U	110U	92U	21U
endosulfan sulfate	50U	49U	19U	25U	28U	50U	50U	50U	19U	100U	45U	110U	92U	21U
chlordane (tech. mixture)	200U	120U	40U	51U	69U	200U	200U	200U	41U	250U	110U	260U	110U	52U
PCB - 1242 (Aroclor 1242)	500U	490U	81U	100U	160U	500U	500U	500U	82U	510U	230U	540U	310U	100U
PCB - 1254 (Aroclor 1254)	500U	240U	81U	100U	160U	500U	500U	500U	82U	510U	230U	540U	310U	100U
PCB - 1221 (Aroclor 1221)	500U	490U	81U	100U	160U	500U	500U	500U	82U	510U	230U	540U	310U	100U
PCB - 1232 (Aroclor 1232)	500U	490U	81U	100U	160U	500U	500U	500U	82U	510U	230U	540U	310U	100U
PCB - 1248 (Aroclor 1248)	500U	490U	81U	100U	160U	500U	500U	500U	82U	510U	230U	540U	310U	100U
PCB - 1260 (Aroclor 1260)	500U	240U	81U	100U	160U	500U	500U	500U	82U	510U	230U	540U	310U	100U
PCB - 1016 (Aroclor 1016)	500U	490U	81U	100U	160U	500U	500U	500U	82U	510U	230U	540U	310U	100U
toxaphene	3000U	2400U	680U	860U	1600U	3000U	3000U	3000U	700U	2200U	2000U	4500U	2700U	850U
chlordene														
alpha-chlordene														
beta-chlordene														
gamma-chlordene														
gamma-chlordane														
trans-nonachlor														
alpha-chlordane														
cis-nonachlor														
oxychlordane														
methoxychlor	200U	98U	320U	41U	55U	200U	2000U	200U	37U	230U	160U	350U	110U	51U
endrin ketone	50U	49U	16U	20U	28U	50U	50U	50U	17U	54U	49U	110U	92U	21U
arochlor (1268)	69J	100J	12J	11J	220	500U	14J	65J	12J	67J	350	720	5200	23J

Compound	Stations										
	BR071	BR072	BR073	BR074	BR075	BR076	BR077	BR078	BR079	BR080	BR081
aldrin	150U	28U	42U	16U	51U	42U	98U	20U	23U	26U	42U
heptachlor	150U	28U	42U	16U	51U	42U	98U	20U	23U	26U	42U
heptachlor epoxide	76U	47U	42U	16U	26U	21U	49U	20U	23U	26U	42U
alpha-bhc	76U	28U	42U	16U	51U	21U	49U	20U	23U	26U	42U
beta-bhc	150U	28U	42U	16U	51U	21U	49U	20U	23U	26U	42U
gamma-bhc (lindane)	76U	28U	42U	16U	51U	21U	49U	20U	23U	26U	42U
delta-bhc	150U	28U	44U	16U	26U	42U	98U	20U	23U	26U	83U
endosulfan I (alpha)	76U	28U	59U	16U	26U	21U	49U	20U	23U	26U	42U
dieldrin	76U	28U	160U	16U	26U	21U	49U	20U	23U	26U	42U
4, 4' - DDT (P, P' -DDT)	79U	28U	47U	16U	133U	21U	51U	20U	25U	26U	42U
4, 4' - DDE (P, P' -DDE)	76U	28U	110U	16U	26U	21U	49U	20U	23U	26U	42U
4, 4' - DDD (P, P' -DDD)	76U	28U	87U	16U	26U	21U	49U	20U	23U	26U	42U
endrin	77U	28U	88U	16U	26U	21U	49U	20U	23U	26U	42U
endosulfan II (beta)	76U	28U	42U	16U	26U	21U	49U	20U	23U	26U	42U
endosulfan sulfate	76U	34U	42U	19U	31U	21U	49U	23U	28U	31U	42U
chlordane (tech. mixture)	190U	71U	1100U	41U	64U	52U	120U	50U	57U	64U	100U
PCB - 1242 (Aroclor 1242)	390U	140U	270U	86U	130U	100U	250U	100U	110U	130U	210U
PCB - 1254 (Aroclor 1254)	390U	140U	270U	86U	130U	100U	250U	100U	110U	130U	210U
PCB - 1221 (Aroclor 1221)	390U	140U	270U	86U	130U	100U	250U	100U	110U	130U	210U
PCB - 1232 (Aroclor 1232)	390U	140U	270U	86U	130U	100U	250U	100U	110U	130U	210U
PCB - 1248 (Aroclor 1248)	390U	140U	270U	86U	130U	100U	250U	100U	110U	130U	210U
PCB - 1260 (Aroclor 1260)	390U	140U	270U	86U	130U	100U	250U	100U	110U	130U	210U
PCB - 1016 (Aroclor 1016)	390U	140U	270U	86U	130U	100U	250U	100U	110U	130U	210U
toxaphene	3000U	1200U	6600U	700U	1200U	830U	2000U	830U	1000U	1200U	1700U
chlordene											
alpha-chlordene											
beta-chlordene											
gamma-chlordene											
gamma-chlordane											
trans-nonachlor											
alpha-chlordane											
cis-nonachlor											
oxychlordane											
methoxychlor	250U	56U	91U	16U	51U	63U	110U	40U	46U	51U	140U
endrin ketone	78U	28U	42U	17U	26U	21U	51U	20U	23U	26U	23U
arochlor (1268)	560	140U	330	86U	130U	130	30J	100U	29J	48J	260

BRUNSWICK COMMUNITY BASED STUDY

APPENDIX B-2: PCB's & Pesticides in River Sediment - 12/95 (cont.)

Stations with QAQC Samples

Compound	BR010	BR020	BR030	BR040	BR050	BR060	BR070	BR080
aldrin	19U	38U	1200U	50U	91U	19U	21U	29U
heptachlor	19U	38U	1200U	50U	91U	19U	21U	29U
heptachlor epoxide	19U	38U	62U	50U	46U	19U	21U	29U
alpha-bhc	19U	38U	1200U	50U	91U	19U	21U	29U
beta-bhc	19U	38U	1200U	50U	91U	19U	21U	29U
gamma-bhc (lindane)	19U	38U	1200U	50U	91U	19U	21U	29U
delta-bhc	19U	38U	62U	50U	46U	19U	21U	29U
endosulfan I (alpha)	19U	38U	62U	50U	46U	19U	21U	29U
dieldrin	19U	38U	62U	50U	46U	19U	21U	29U
4, 4' - DDT (P, P' -DDT)	20U	42U	62U	55U	46U	20U	21U	29U
4, 4' - DDE (P, P' -DDE)	19U	38U	62U	50U	46U	19U	21U	29U
4, 4' - DDD (P, P' -DDD)	19U	38U	62U	50U	46U	19U	21U	29U
endrin	19U	38U	62U	50U	46U	19U	21U	29U
endosulfan II (beta)	19U	38U	62U	50U	51U	19U	21U	29U
endosulfan sulfate	19U	46U	70U	55U	54U	23U	21U	35U
chlordane (tech. mixture)	48U	95U	150U	200U	110U	47U	53U	72U
PCB - 1242 (Aroclor 1242)	96U	190U	150U	500U	420U	94U	110U	140U
PCB - 1254 (Aroclor 1254)	96U	190U	150U	500U	420U	94U	110U	140U
PCB - 1221 (Aroclor 1221)	96U	190U	150U	500U	420U	94U	110U	140U
PCB - 1232 (Aroclor 1232)	96U	190U	150U	500U	420U	94U	110U	140U
PCB - 1248 (Aroclor 1248)	96U	190U	150U	500U	420U	94U	110U	140U
PCB - 1260 (Aroclor 1260)	96U	190U	150U	500U	420U	94U	110U	140U
PCB - 1016 (Aroclor 1016)	96U	190U	150U	500U	420U	94U	110U	140U
toxaphene	850U	1500U	3700U	3000U	4200U	800U	980U	1400U
chlordene								
alpha-chlordene								
beta-chlordene								
gamma-chlordene								
gamma-chlordane								
trans-nonachlor								
alpha-chlordane								
cis-nonachlor								
oxychlordane								
methoxychlor	44U	76U	1200U	200U	91U	38U	59U	57U
endrin ketone	19U	38U	62U	55U	46U	19U	23U	29U
arochlor	96U	190U	62J	70J	340	15J	32J	48J

BRUNSWICK COMMUNITY BASED STUDY
APPENDIX B-3: Extractable Organics in River Sediments - 12/95

Compound	Stations													
	BR001	BR002	BR003	BR004	BR005	BR006	BR007	BR008	BR009	BR010	BR011	BR012	BR013	BR014
(3-&/or 4-) methylphenol	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
1, 2, 4-trichlorobenzene	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
2, 2'-chloroisopropylether	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
2, 3, 4, 6-tetrachlorophenol	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
2, 4, 5-trichlorophenol	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
2, 4, 6-trichlorophenol	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
2, 4-dichlorophenol	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
2 ,4-dimethylphenol	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
2, 4-dinitrophenol	1800U	2900U	1300U	1800U	1600U	3600U	3100U	5200U	2200U	1400U	4800U	5500U	1600U	1800U
2, 4-dinitrotoluene	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
2, 6-dinitrotoluene	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
2-chloronaphthalene	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
2-chlorophenol	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
2-methyl-4, 6-dinitrophenol	1800U	2900U	1300U	1800U	1600U	3600U	3100U	5200U	2200U	1400U	4800U	5500U	1600U	1800U
2-methylnaphthalene	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
2-methylphenol	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
2-nitroaniline	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
2-nitrophenol	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
3, 3'-dichlorobenzidine	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
3-nitroaniline	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
4-bromophenyl phenyl ether	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
4-chloro-3-methylphenol	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
4-chloroaniline	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
4-chlorophenyl phenyl ether	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
4-nitroaniline	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
4-nitrophenol	1800U	2900U	1300U	1800U	1600U	3600U	3100U	5200U	2200U	1400U	4800U	5500U	1600U	1800U
acenaphthene	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
acenaphthylene	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
anthracene	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
benzo(a)anthracene	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
benzo(b &/or k) fluoranthene	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
benzo(ghi)perylene	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
benzo-a-pyrene	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
benzyl butyl phthalate	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
bis (2-chloroethoxy) methane	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
bis (2-chloroethyl) ether	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
bis (2-ethylhexyl) phthalate	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
carbazole	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
chrysene	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
di-n-butylphthalate	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
di-n-octylphthalate	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
dibenzo (a, h) anthracene	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
dibenzofuran	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
diethyl phthalate	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
dimethyl phthalate	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
fluoranthene	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
fluorene	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
hexachlorobenzene (hcb)	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
hexachlorobutadiene	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
hexachlorocyclopentadiene (hccp)	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
hexachloroethane	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
indeno (1, 2, 3-cd) pyrene	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
isophorone	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
n-nitrosodi-n-propylamine	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
n-nitrosodiphenylamine/diphenylamine	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
naphthalene	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
nitrobenzene	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
pentachlorophenol	1800U	2900U	1300U	1800U	1600U	3600U	3100U	5200U	2200U	1400U	4800U	5500U	1600U	1800U
phenanthrene	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
phenol	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
pyrene	910U	1500U	660U	900U	780U	1800U	1500U	2600U	1100U	720U	2400U	2800U	790U	900U
chloroaniline (not 4-chloro)														
hexadecanoic acid							2000JN					10000JN		1000JN
hexadecanoic acid							2000JN					10000JN		1000JN
pentadecanoic acid														
tetradecanoic acid														
tetramethylphenanthrene														

BRUNSWICK COMMUNITY BASED STUDY
APPENDIX B-3: Extractable Organics in River Sediments - 12/95 (cont.)

Compound	Stations													
	BR015	BR016	BR017	BR018	BR019	BR020	BR021	BR022	BR023	BR024	BR025	BR026	BR027	BR028
(3-&/or 4-) methylphenol	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
1, 2, 4-trichlorobenzene	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
2, 2'-chloroisopropylether	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
2, 3, 4, 6-tetrachlorophenol	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
2, 4, 5-trichlorophenol	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
2, 4, 6-trichlorophenol	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
2, 4-dichlorophenol	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
2 ,4-dimethylphenol	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
2, 4-dinitrophenol	2000U	1900U	1500U	1600U	1600U	2600U	2000U	1500U	4200U	3000U	2000U	1600U	4200U	1500U
2, 4-dinitrotoluene	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
2, 6-dinitrotoluene	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
2-chloronaphthalene	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
2-chlorophenol	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
2-methyl-4, 6-dinitrophenol	2000U	1900U	1500U	1600U	1600U	2600U	2000U	1500U	4200U	3000U	2000U	1600U	4200U	1500U
2-methylnaphthalene	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
2-methylphenol	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
2-nitroaniline	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
2-nitrophenol	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
3, 3'-dichlorobenzidine	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
3-nitroaniline	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
4-bromophenyl phenyl ether	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
4-chloro-3-methylphenol	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
4-chloroaniline	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
4-chlorophenyl phenyl ether	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
4-nitroaniline	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
4-nitrophenol	2000U	1900U	1500U	1600U	1600U	2600U	2000U	1500U	4200U	3000U	2000U	1600U	4200U	1500U
acenaphthene	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
acenaphthylene	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
anthracene	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
benzo(a)anthracene	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
benzo(b &/or k) fluoranthene	110J	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
benzo(ghi)perylene	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
benzo-a-pyrene	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
benzyl butyl phthalate	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
bis (2-chloroethoxy) methane	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
bis (2-chloroethyl) ether	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
bis (2-ethylhexyl) phthalate	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
carbazole	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
chrysene	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
di-n-butylphthalate	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
di-n-octylphthalate	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
dibenzo (a, h) anthracene	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
dibenzofuran	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
diethyl phthalate	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
dimethyl phthalate	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
fluoranthene	140J	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
fluorene	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
hexachlorobenzene (hcb)	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
hexachlorobutadiene	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
hexachlorocyclopentadiene (hccp)	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
hexachloroethane	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
indeno (1, 2, 3-cd) pyrene	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
isophorone	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
n-nitrosodi-n-propylamine	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
n-nitrosodiphenylamine/diphenylamine	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
naphthalene	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
nitrobenzene	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
pentachlorophenol	2000U	1900U	1500U	1600U	1600U	2600U	2000U	1500U	4200U	3000U	2000U	1600U	4200U	1500U
phenanthrene	120J	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
phenol	1000U	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
pyrene	120J	950U	730U	780U	780U	1300U	990U	730U	2200U	1500U	1000U	780U	2100U	760U
chloroaniline (not 4-chloro)														
hexadecanoic acid														
hexadecanoic acid														
pentadecanoic acid														
tetradecanoic acid														
tetramethylphenanthrene														

APPENDIX B-3: Extractable Organics in River Sediments - 12/95 (cont.)

Compound	Stations													
	BR029	BR030	BR031	BR032	BR033	BR034	BR035	BR036	BR037	BR038	BR039	BR040	BR041	BR042
(3-&/or 4-) methylphenol	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
1, 2, 4-trichlorobenzene	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
2, 2'-chloroisopropylether	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
2, 3, 4, 6-tetrachlorophenol	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
2, 4, 5-trichlorophenol	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
2, 4, 6-trichlorophenol	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
2, 4-dichlorophenol	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
2 ,4-dimethylphenol	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
2, 4-dinitrophenol	1700U	5000U	1800U	6000U	1900U	1600U	1500U	1500U	3000U	1600U	1500U	4500U	4600U	4700U
2, 4-dinitrotoluene	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
2, 6-dinitrotoluene	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
2-chloronaphthalene	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
2-chlorophenol	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
2-methyl-4, 6-dinitrophenol	1700U	5000U	1800U	6000U	1900U	1600U	1500U	1500U	3000U	1600U	1500U	4500U	4600U	4700U
2-methylnaphthalene	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
2-methylphenol	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
2-nitroaniline	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
2-nitrophenol	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
3, 3'-dichlorobenzidine	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
3-nitroaniline	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
4-bromophenyl phenyl ether	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
4-chloro-3-methylphenol	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
4-chloroaniline	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
4-chlorophenyl phenyl ether	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
4-nitroaniline	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
4-nitrophenol	1700U	5000U	1800U	6000U	1900U	1600U	1500U	1500U	3000U	1600U	1500U	4500U	4600U	4700U
acenaphthene	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
acenaphthylene	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
anthracene	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
benzo(a)anthracene	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
benzo(b &/or k) fluoranthene	840U	2500U	910U	3000U	950U	820U	760U	93J	1500U	800U	760U	2300U	2300U	2300U
benzo(ghi)perylene	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
benzo-a-pyrene	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
benzyl butyl phthalate	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
bis (2-chloroethoxy) methane	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
bis (2-chloroethyl) ether	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
bis (2-ethylhexyl) phthalate	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
carbazole	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
chrysene	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
di-n-butylphthalate	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
di-n-octylphthalate	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
dibenzo (a, h) anthracene	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
dibenzofuran	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
diethyl phthalate	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
dimethyl phthalate	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
fluoranthene	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
fluorene	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
hexachlorobenzene (hcb)	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
hexachlorobutadiene	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
hexachlorocyclopentadiene (hccp)	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
hexachloroethane	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
indeno (1, 2, 3-cd) pyrene	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
isophorone	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
n-nitrosodi-n-propylamine	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
n-nitrosodiphenylamine/diphenylamine	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
naphthalene	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
nitrobenzene	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
pentachlorophenol	1700U	5000U	1800U	6000U	1900U	1600U	1500U	1500U	3000U	1600U	1500U	4500U	4600U	4700U
phenanthrene	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
phenol	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
pyrene	840U	2500U	910U	3000U	950U	820U	760U	730U	1500U	800U	760U	2300U	2300U	2300U
chloroaniline (not 4-chloro)														
hexadecanoic acid		20000JN		20000JN		2000JN	2000JN			2000JN				
hexadecanoic acid		20000JN		20000JN		2000JN	2000JN			2000JN				
pentadecanoic acid														
tetradecanoic acid														
tetramethylphenanthrene														

BRUNSWICK COMMUNITY BASED STUDY
APPENDIX B-3: Extractable Organics in River Sediments - 12/95 (cont.)

Compound	Stations													
	BR043	BR044	BR045	BR046	BR047	BR048	BR049	BR050	BR051	BR052	BR053	BR054	BR055	BR056
(3-&/or 4-) methylphenol	750U	2300U	710U	860U	1400U	2900U	2200U	1900U	1500U	800U	2700U	1900U	750U	840U
1, 2, 4-trichlorobenzene	750U	2300U	710U	860U	1400U	2900U	2200U	1900U	1500U	800U	2700U	1900U	750U	840U
2, 2'-chloroisopropylether	750U	2300U	710U	860U	1400U	2900U	2200U	1900U	1500U	800U	2700U	1900U	750U	840U
2, 3, 4, 6-tetrachlorophenol	750U	2300U	710U	860U	1400U	2900U	2200U	1900U	1500U	800U	2700U	1900U	750U	840U
2, 4, 5-trichlorophenol	750U	2300U	710U	860U	1400U	2900U	2200U	1900U	1500U	800U	2700U	1900U	750U	840U
2, 4, 6-trichlorophenol	750U	2300U	710U	860U	1400U	2900U	2200U	1900U	1500U	800U	2700U	1900U	750U	840U
2, 4-dichlorophenol	750U	2300U	710U	860U	1400U	2900U	2200U	1900U	1500U	800U	2700U	1900U	750U	840U
2 ,4-dimethylphenol	750U	2300U	710U	860U	1400U	2900U	2200U	1900U	1500U	800U	2700U	1900U	750U	840U
2, 4-dinitrophenol	1500U	4600U	1400U	1700U	2800U	5700U	4500U	3700U	3100U	1600U	5300U	3800U	1500U	1700U
2, 4-dinitrotoluene	750U	2300U	710U	860U	1400U	2900U	2200U	1900U	1500U	800U	2700U	1900U	750U	840U
2, 6-dinitrotoluene	750U	2300U	710U	860U	1400U	2900U	2200U	1900U	1500U	800U	2700U	1900U	750U	840U
2-chloronaphthalene	750U	2300U	710U	860U	1400U	2900U	2200U	1900U	1500U	800U	2700U	1900U	750U	840U
2-chlorophenol	750U	2300U	710U	860U	1400U	2900U	2200U	1900U	1500U	800U	2700U	1900U	750U	840U
2-methyl-4, 6-dinitrophenol	1500U	4600U	1400U	1700U	2800U	5700U	4500U	3700U	3100U	1600U	5300U	3700U	1500U	1700U
2-methylnaphthalene	750U	2300U	710U	860U	1400U	2900U	2200U	1900U	1500U	800U	2700U	1900U	750U	840U
2-methylphenol	750U	2300U	710U	860U	1400U	2900U	2200U	1900U	1500U	800U	2700U	1900U	.750U	840U
2-nitroaniline	750U	2300U	710U	860U	1400U	2900U	2200U	1900U	1500U	800U	2700U	1900U	750U	840U
2-nitrophenol	750U	2300U	710U	860U	1400U	2900U	2200U	1900U	1500U	800U	2700U	1900U	750U	840U
3, 3'-dichlorobenzidine	750U	2300U	710U	860U	1400U	2900U	2200U	1900U	1500U	800U	2700U	1900U	750U	840U
3-nitroaniline	750U	2300U	710U	860U	1400U	2900U	2200U	1900U	1500U	800U	2700U	1900U	750U	840U
4-bromophenyl phenyl ether	750U	2300U	710U	860U	1400U	2900U	2200U	1900U	1500U	800U	2700U	1900U	750U	840U
4-chloro-3-methylphenol	750U	2300U	710U	860U	1400U	2900U	2200U	1900U	1500U	800U	2700U	1900U	750U	840U
4-chloroaniline	750U	2300U	710U	860U	1400U	2900U	2200U	1900U	1500U	800U	2700U	1900U	750U	840U
4-chlorophenyl phenyl ether	750U	2300U	710U	860U	1400U	2900U	2200U	1900U	1500U	800U	2700U	1900U	750U	840U
4-nitroaniline	750U	2300U	710U	860U	1400U	2900U	2200U	1900U	1500U	800U	2700U	1900U	750U	840U
4-nitrophenol	1500U	4600U	1400U	1700U	2800U	5700U	4500U	3700U	3100U	1600U	5300U	3800U	1500U	1700U
acenaphthene	750U	2300U	710U	860U	1400U	2900U	2200U	1900U	1500U	800U	2700U	1900U	750U	840U
acenaphthylene	750U	2300U	710U	860U	1400U	2900U	2200U	1900U	1500U	800U	2700U	1900U	750U	840U
anthracene	750U	2300U	710U	860U	1400U	2900U	300J	1900U	1500U	800U	2700U	1900U	750U	840U
benzo(a)anthracene	750U	2300U	710U	860U	1400U	2900U	1000J	1900U	1500U	800U	2700U	1900U	750U	840U
benzo(b &/or k) fluoranthene	750U	2300U	710U	860U	1400U	2900U	1700J	1900U	1500U	800U	2700U	1900U	750U	840U
benzo(ghi)perylene	750U	2300U	710U	860U	1400U	2900U	480J	1900U	1500U	800U	2700U	1900U	750U	840U
benzo-a-pyrene	750U	2300U	710U	860U	1400U	2900U	650J	1900U	1500U	800U	2700U	1900U	750U	840U
benzyl butyl phthalate	750U	2300U	710U	860U	1400U	2900U	2200U	1900U	1500U	800U	2700U	1900U	750U	840U
bis (2-chloroethoxy) methane	750U	2300U	710U	860U	1400U	2900U	2200U	1900U	1500U	800U	2700U	1900U	750U	840U
bis (2-chloroethyl) ether	750U	2300U	710U	860U	1400U	2900U	2200U	1900U	1500U	800U	2700U	1900U	750U	840U
bis (2-ethylhexyl) phthalate	750U	2300U	710U	860U	1400U	2900U	2200U	1900U	1500U	800U	2700U	1900U	750U	840U
carbazole	750U	2300U	710U	860U	1400U	2900U	2200U	1900U	1500U	800U	2700U	1900U	750U	840U
chrysene	750U	2300U	710U	860U	1400U	2900U	1200J	1900U	1500U	800U	2700U	1900U	750U	840U
di-n-butylphthalate	750U	2300U	710U	860U	1400U	2900U	2200U	1900U	1500U	800U	2700U	1900U	750U	840U
di-n-octylphthalate	750U	2300U	710U	860U	1400U	2900U	2200U	1900U	1500U	800U	2700U	1900U	750U	840U
dibenzo (a, h) anthracene	750U	2300U	710U	860U	1400U	2900U	2200U	1900U	1500U	800U	2700U	1900U	750U	840U
dibenzofuran	750U	2300U	710U	860U	1400U	2900U	2200U	1900U	1500U	800U	2700U	1900U	750U	840U
diethyl phthalate	750U	.2300U	710U	860U	1400U	2900U	2200U	1900U	1500U	800U	2700U	1900U	750U	840U
dimethyl phthalate	750U	2300U	710U	860U	1400U	2900U	2200U	1900U	1500U	800U	2700U	1900U	750U	840U
fluoranthene	750U	2300U	710U	860U	1400U	300U	1300J	1900U	1500U	800U	2700U	1900U	750U	840U
fluorene	750U	2300U	710U	860U	1400U	2900U	2200U	1900U	1500U	800U	2700U	1900U	750U	840U
hexachlorobenzene (hcb)	750U	2300U	710U	860U	1400U	2900U	2200U	1900U	1500U	800U	2700U	1900U	750U	840U
hexachlorobutadiene	750U	2300U	710U	860U	1400U	2900U	2200U	1900U	1500U	800U	2700U	1900U	750U	840U
hexachlorocyclopentadiene (hccp)	750U	2300U	710U	860U	1400U	2900U	2200U	1900U	1500U	800U	2700U	1900U	750U	840U
hexachloroethane	750U	2300U	710U	860U	1400U	2900U	2200U	1900U	1500U	800U	2700U	1900U	.750U	840U
indeno (1, 2, 3-cd) pyrene	750U	2300U	710U	860U	1400U	2900U	430J	1900U	1500U	800U	2700U	1900U	750U	840U
isophorone	750U	2300U	710U	860U	1400U	2900U	2200U	1900U	1500U	800U	2700U	1900U	750U	840U
n-nitrosodi-n-propylamine	750U	2300U	710U	860U	1400U	2900U	2200U	1900U	1500U	800U	2700U	1900U	750U	840U
n-nitrosodiphenylamine/diphenylamine	750U	2300U	710U	860U	1400U	2900U	2200U	1900U	1500U	800U	2700U	1900U	750U	840U
naphthalene	750U	2300U	710U	860U	1400U	2900U	2200U	1900U	1500U	800U	2700U	1900U	750U	840U
nitrobenzene	750U	2300U	710U	860U	1400U	2900U	2200U	1900U	1500U	800U	2700U	1900U	750U	840U
pentachlorophenol	1500U	4600U	1400U	1700U	2800U	5700U	4500U	3700U	3100U	1600U	5300U	3800U	1500U	1700U
phenanthrene	750U	2300U	710U	860U	1400U	2900U	2200U	1900U	1500U	800U	2700U	1900U	750U	840U
phenol	750U	2300U	710U	860U	1400U	2900U	2200U	1900U	1500U	800U	2700U	1900U	750U	840U
pyrene	750U	2300U	710U	860U	1400U	2900U	900J	1900U	1500U	800U	2700U	1900U	750U	840U
chloroaniline (not 4-chloro)							3000JN							
hexadecanoic acid							40000JN			3000JN		5000JN		
hexadecanoic acid							40000JN			3000JN		5000JN		
pentadecanoic acid						3000JN	10000JN							
tetradecanoic acid							6000JN							
tetramethylphenanthrene							6000JN							
							6000JN							

APPENDIX B-3: Extractable Organics in River Sediments - 12/95 (cont.)

Compound	Stations													
	BR057	BR058	BR059	BR060	BR061	BR062	BR063	BR064	BR065	BR066	BR067	BR068	BR069	BR070
(3-&/or 4-) methylphenol	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
1, 2, 4-trichlorobenzene	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
2, 2'-chloroisopropylether	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
2, 3, 4, 6-tetrachlorophenol	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
2, 4, 5-trichlorophenol	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
2, 4, 6-trichlorophenol	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
2, 4-dichlorophenol	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
2 ,4-dimethylphenol	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
2, 4-dinitrophenol	1700U	3900U	1300U	1600U	2200U	2100U	1500U	3200U	1300U	4100U	3500U	4200U	3700U	1700U
2, 4-dinitrotoluene	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
2, 6-dinitrotoluene	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
2-chloronaphthalene	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
2-chlorophenol	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
2-methyl-4, 6-dinitrophenol	1700U	3900U	1300U	1600U	2200U	2100U	1500U	3200U	1300U	4100U	3500U	4200U	3700U	1700U
2-methylnaphthalene	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
2-methylphenol	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
2-nitroaniline	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
2-nitrophenol	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
3, 3'-dichlorobenzidine	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
3-nitroaniline	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
4-bromophenyl phenyl ether	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
4-chloro-3-methylphenol	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
4-chloroaniline	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
4-chlorophenyl phenyl ether	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
4-nitroaniline	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
4-nitrophenol	1700U	3900U	1300U	1600U	2200U	2100U	1500U	3200U	1300U	4100U	3500U	4200U	3700U	1700U
acenaphthene	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
acenaphthylene	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
anthracene	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
benzo(a)anthracene	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
benzo(b &/or k) fluoranthene	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
benzo(ghi)perylene	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
benzo-a-pyrene	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
benzyl butyl phthalate	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
bis (2-chloroethoxy) methane	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
bis (2-chloroethyl) ether	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
bis (2-ethylhexyl) phthalate	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
carbazole	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
chrysene	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
di-n-butylphthalate	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
di-n-octylphthalate	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
dibenzo (a, h) anthracene	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
dibenzofuran	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
diethyl phthalate	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
dimethyl phthalate	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
fluoranthene	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
fluorene	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
hexachlorobenzene (hcb)	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
hexachlorobutadiene	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
hexachlorocyclopentadiene (hccp)	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
hexachloroethane	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
indeno (1, 2, 3-cd) pyrene	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
isophorone	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
n-nitrosodi-n-propylamine	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
n-nitrosodiphenylamine/diphenylamine	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
naphthalene	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
nitrobenzene	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
pentachlorophenol	1700U	3900U	1300U	1600U	2200U	2100U	1500U	3200U	1300U	4100U	3500U	4200U	3700U	1700U
phenanthrene	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
phenol	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	1800U	830U
pyrene	870U	2000U	650U	820U	1100U	1100U	770U	1600U	660U	2000U	1700U	2100U	210J	830U
chloroaniline (not 4-chloro)														
hexadecanoic acid												5000JN	6000JN	
hexadecanoic acid												5000JN	6000JN	
pentadecanoic acid														
tetradecanoic acid														
tetramethylphenanthrene														

BRUNSWICK COMMUNITY BASED STUDY
APPENDIX B-3: Extractable Organics in River Sediments - 12/95 (cont.)

Compound	Stations										
	BR071	BR072	BR073	BR074	BR075	BR076	BR077	BR078	BR079	BR080	BR081
(3-&/or 4-) methylphenol	3000U	1100U	1700U	660U	1000U	830U	2000U	800U	920U	1000U	1700U
1, 2, 4-trichlorobenzene	3000U	1100U	1700U	660U	1000U	830U	2000U	800U	920U	1000U	1700U
2, 2'-chloroisopropylether	3000U	1100U	1700U	660U	1000U	830U	2000U	800U	920U	1000U	1700U
2, 3, 4, 6-tetrachlorophenol	3000U	1100U	1700U	660U	1000U	830U	2000U	800U	920U	1000U	1700U
2, 4, 5-trichlorophenol	3000U	1100U	1700U	660U	1000U	830U	2000U	800U	920U	1000U	1700U
2, 4, 6-trichlorophenol	3000U	1100U	1700U	660U	1000U	830U	2000U	800U	920U	1000U	1700U
2, 4-dichlorophenol	3000U	1100U	1700U	660U	1000U	830U	2000U	800U	920U	1000U	1700U
2 ,4-dimethylphenol	3000U	1100U	1700U	660U	1000U	830U	2000U	800U	920U	1000U	1700U
2, 4-dinitrophenol	6100U	2300U	3400U	1300U	2100U	1700U	3900U	1600U	1800U	2100U	3300U
2, 4-dinitrotoluene	3000U	1100U	1700U	660U	1000U	830U	2000U	800U	920U	1000U	1700U
2, 6-dinitrotoluene	3000U	1100U	1700U	660U	1000U	830U	2000U	800U	920U	1000U	1700U
2-chloronaphthalene	3000U	1100U	1700U	660U	1000U	830U	2000U	800U	920U	1000U	1700U
2-chlorophenol	3000U	1100U	1700U	660U	1000U	830U	2000U	800U	920U	1000U	1700U
2-methyl-4, 6-dinitrophenol	6100U	2300U	3400U	1300U	2100U	1700U	3900U	1600U	1800U	2100U	3300U
2-methylnaphthalene	3000U	1100U	1700U	660U	1000U	830U	2000U	800U	920U	1000U	1700U
2-methylphenol	3000U	1100U	1700U	660U	1000U	830U	2000U	800U	920U	1000U	1700U
2-nitroaniline	3000U	1100U	1700U	660U	1000U	830U	2000U	800U	920U	1000U	1700U
2-nitrophenol	3000U	1100U	1700U	660U	1000U	830U	2000U	800U	920U	1000U	1700U
3, 3'-dichlorobenzidine	3000U	1100U	1700U	660U	1000U	830U	2000U	800U	920U	1000U	1700U
3-nitroaniline	3000U	1100U	1700U	660U	1000U	830U	2000U	800U	920U	1000U	1700U
4-bromophenyl phenyl ether	3000U	1100U	1700U	660U	1000U	830U	2000U	800U	920U	1000U	1700U
4-chloro-3-methylphenol	3000U	1100U	1700U	660U	1000U	830U	2000U	800U	920U	1000U	1700U
4-chloroaniline	3000U	1100U	1700U	660U	1000U	830U	2000U	800U	920U	1000U	1700U
4-chlorophenyl phenyl ether	3000U	1100U	1700U	660U	1000U	830U	2000U	800U	920U	1000U	1700U
4-nitroaniline	3000U	1100U	1700U	660U	1000U	830U	2000U	800U	920U	1000U	1700U
4-nitrophenol	6100U	2300U	3400U	1300U	2100U	1700U	3900U	1600U	1800U	2100U	3300U
acenaphthene	3000U	1100U	1700U	660U	1000U	830U	2000U	800U	920U	1000U	1700U
acenaphthylene	3000U	1100U	1700U	660U	1000U	830U	2000U	800U	920U	1000U	1700U
anthracene	3000U	1100U	1700U	660U	1000U	830U	2000U	800U	920U	1000U	1700U
benzo(a)anthracene	3000U	1100U	1700U	660U	1000U	830U	820J	800U	920U	1000U	1700U
benzo(b &/or k) fluoranthene	3000U	1100U	1700U	660U	1000U	830U	1900J	800U	920U	1000U	1700U
benzo(ghi)perylene	3000U	1100U	1700U	660U	1000U	830U	470J	800U	920U	1000U	1700U
benzo-a-pyrene	3000U	1100U	1700U	660U	1000U	830U	1000J	800U	920U	1000U	1700U
benzyl butyl phthalate	3000U	1100U	1700U	660U	1000U	830U	2000U	800U	920U	1000U	1700U
bis (2-chloroethoxy) methane	3000U	1100U	1700U	660U	1000U	830U	2000U	800U	920U	1000U	1700U
bis (2-chloroethyl) ether	3000U	1100U	1700U	660U	1000U	830U	2000U	800U	920U	1000U	1700U
bis (2-ethylhexyl) phthalate	3000U	1100U	1700U	660U	1000U	830U	2000U	800U	920U	1000U	1700U
carbazole	3000U	1100U	1700U	660U	1000U	830U	2000U	800U	920U	1000U	1700U
chrysene	3000U	1100U	1700U	660U	1000U	830U	1200J	800U	920U	1000U	1700U
di-n-butylphthalate	3000U	1100U	1700U	660U	1000U	830U	2000U	800U	920U	1000U	1700U
di-n-octylphthalate	3000U	1100U	1700U	660U	1000U	830U	2000U	800U	920U	1000U	1700U
dibenzo (a, h) anthracene	3000U	1100U	1700U	660U	1000U	830U	2000U	800U	920U	1000U	1700U
dibenzofuran	3000U	1100U	1700U	660U	1000U	830U	2000U	800U	920U	1000U	1700U
diethyl phthalate	3000U	1100U	1700U	660U	1000U	830U	2000U	800U	920U	1000U	1700U
dimethyl phthalate	3000U	1100U	1700U	660U	1000U	830U	2000U	800U	920U	1000U	1700U
fluoranthene	3000U	1100U	1700U	660U	1000U	830U	1700J	800U	920U	1000U	1700U
fluorene	3000U	1100U	1700U	660U	1000U	830U	2000U	800U	920U	1000U	1700U
hexachlorobenzene (hcb)	3000U	1100U	1700U	660U	1000U	830U	2000U	800U	920U	1000U	1700U
hexachlorobutadiene	3000U	1100U	1700U	660U	1000U	830U	2000U	800U	920U	1000U	1700U
hexachlorocyclopentadiene (hccp)	3000U	1100U	1700U	660U	1000U	830U	2000U	800U	920U	1000U	1700U
hexachloroethane	3000U	1100U	1700U	660U	1000U	830U	2000U	800U	920U	1000U	1700U
indeno (1, 2, 3-cd) pyrene	3000U	1100U	1700U	660U	1000U	830U	520J	800U	920U	1000U	1700U
isophorone	3000U	1100U	1700U	660U	1000U	830U	2000U	800U	920U	1000U	1700U
n-nitrosodi-n-propylamine	3000U	1100U	1700U	660U	1000U	830U	2000U	800U	920U	1000U	1700U
n-nitrosodiphenylamine/diphenylamine	3000U	1100U	1700U	660U	1000U	830U	2000U	800U	920U	1000U	1700U
naphthalene	3000U	1100U	1700U	660U	1000U	830U	2000U	800U	920U	1000U	1700U
nitrobenzene	3000U	1100U	1700U	660U	1000U	830U	2000U	800U	920U	1000U	1700U
pentachlorophenol	6100U	2300U	3400U	1300U	2100U	1700U	3900U	1600U	1800U	2100U	3300U
phenanthrene	3000U	1100U	1700U	660U	1000U	830U	2000U	800U	920U	1000U	1700U
phenol	3000U	1100U	1700U	660U	1000U	830U	2000U	800U	920U	1000U	1700U
pyrene	3000U	1100U	1700U	660U	1000U	830U	2700J	800U	920U	1000U	1700U
chloroaniline (not 4-chloro)											
hexadecanoic acid											
hexadecanoic acid											
pentadecanoic acid											
tetradecanoic acid											
tetramethylphenanthrene											

BRUNSWICK COMMUNITY BASED STUDY
APPENDIX B-3: Extractable Organics in River Sediments - 12/95 (cont.)

Compound	Stations with QAQC Samples							
	BR010	BR020	BR030	BR040	BR050	BR060	BR070	BR080
(3-&/or 4-) methylphenol	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
1, 2, 4-trichlorobenzene	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
2, 2'-chloroisopropylether	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
2, 3, 4, 6-tetrachlorophenol	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
2, 4, 5-trichlorophenol	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
2, 4, 6-trichlorophenol	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
2, 4-dichlorophenol	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
2 ,4-dimethylphenol	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
2, 4-dinitrophenol	1500U	3000U	5000U	4400U	3600U	1500U	1700U	2300U
2, 4-dinitrotoluene	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
2, 6-dinitrotoluene	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
2-chloronaphthalene	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
2-chlorophenol	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
2-methyl-4, 6-dinitrophenol	1500U	3000U	5000U	4400U	3600U	1500U	1700U	2300U
2-methylnaphthalene	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
2-methylphenol	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
2-nitroaniline	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
2-nitrophenol	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
3, 3'-dichlorobenzidine	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
3-nitroaniline	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
4-bromophenyl phenyl ether	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
4-chloro-3-methylphenol	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
4-chloroaniline	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
4-chlorophenyl phenyl ether	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
4-nitroaniline	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
4-nitrophenol	1500U	3000U	5000U	4400U	3600U	1500U	1700U	2300U
acenaphthene	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
acenaphthylene	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
anthracene	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
benzo(a)anthracene	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
benzo(b &/or k) fluoranthene	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
benzo(ghi)perylene	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
benzo-a-pyrene	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
benzyl butyl phthalate	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
bis (2-chloroethoxy) methane	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
bis (2-chloroethyl) ether	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
bis (2-ethylhexyl) phthalate	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
carbazole	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
chrysene	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
di-n-butylphthalate	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
di-n-octylphthalate	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
dibenzo (a, h) anthracene	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
dibenzofuran	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
diethyl phthalate	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
dimethyl phthalate	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
fluoranthene	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
fluorene	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
hexachlorobenzene (hcb)	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
hexachlorobutadiene	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
hexachlorocyclopentadiene (hccp)	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
hexachloroethane	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
indeno (1, 2, 3-cd) pyrene	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
isophorone	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
n-nitrosodi-n-propylamine	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
n-nitrosodiphenylamine/diphenylamine	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
naphthalene	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
nitrobenzene	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
pentachlorophenol	1500U	3000U	5000U	4400U	3600U	1500U	1700U	2300U
phenanthrene	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
phenol	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
pyrene	770U	1500U	2500U	2200U	1800U	750U	850U	1100U
chloroaniline (not 4-chloro)								
hexadecanoic acid			10000JN				1000JN	
hexadecanoic acid			10000JN				1000JN	
pentadecanoic acid			7000JN					
tetradecanoic acid			3000JN					
tetramethylphenanthrene								

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Compound	Stations													
	BR001	BR002	BR003	BR004	BR005	BR006	BR007	BR008	BR009	BR010	BR011	BR012	BR013	BR014
chloromethane	70U	85U	55U	120U	60U	290U	150U	250U	110U	49U	450U	360U	69U	87U
vinyl chloride	70U	85U	55U	120U	60U	290U	150U	250U	110U	49U	450U	360U	69U	87U
bromomethane	70U	85U	55U	120U	60U	290U	150U	250U	110U	49U	450U	360U	69U	87U
chloroethane	70U	85U	55U	120U	60U	290U	150U	250U	110U	49U	450U	360U	69U	87U
trichlorofluoromethane	70U	85U	55U	120U	60U	290U	150U	250U	110U	49U	450U	360U	69U	87U
1,1-dichloroethene (1,1-dichloroethylene)	70U	85U	55U	120U	60U	290U	150U	250U	110U	49U	450U	360U	69U	87U
acetone	700U	850U	550U	1200U	600U	2900U	1500U	2500U	1100U	490U	4500U	3600U	740J	870U
carbon disulfide	170U	210U	140U	290U	150U	720U	370U	620U	270U	120U	1100U	900U	170U	220U
methylene chloride	70U	85U	55U	120U	60U	290U	150U	250U	110U	49U	450U	360U	69U	87U
trans-1,2-dichloroethene	70U	85U	55U	120U	60U	290U	150U	250U	110U	49U	450U	360U	69U	87U
1,1-dichloroethane	70U	85U	55U	120U	60U	290U	150U	250U	110U	49U	450U	360U	69U	87U
cis-1,2-dichloroethene	70U	85U	55U	120U	60U	290U	150U	250U	110U	49U	450U	360U	69U	87U
2,2-dichloropropane	70U	85U	55U	120U	60U	290U	150U	250U	110U	49U	450U	360U	69U	87U
methyl ethyl ketone	700U	850U	550U	1200U	600U	2900U	1500U	2500U	1100U	490U	4500U	3600U	690U	870U
bromochloromethane	70U	85U	55U	120U	60U	290U	150U	250U	110U	49U	450U	360U	69U	87U
chloroform	70U	85U	55U	120U	60U	290U	150U	250U	110U	49U	450U	360U	69U	87U
1,1,1-trichloroethane	70U	85U	55U	120U	60U	290U	150U	250U	110U	49U	450U	360U	69U	87U
1,1-dichloropropene	70U	85U	55U	120U	60U	290U	150U	250U	110U	49U	450U	360U	69U	87U
carbon tetrachloride	70U	85U	55U	120U	60U	290U	150U	250U	110U	49U	450U	360U	69U	87U
1,2-dichloroethane	70U	85U	55U	120U	60U	290U	150U	250U	110U	49U	450U	360U	69U	87U
benzene	70U	85U	55U	120U	60U	290U	150U	250U	110U	49U	450U	360U	69U	87U
trichloroethene (trichloroethylene)	70U	85U	55U	120U	60U	290U	150U	250U	110U	49U	450U	360U	69U	87U
1,2-dichloropropane	70U	85U	55U	120U	60U	290U	150U	250U	110U	49U	450U	360U	69U	87U
dibromomethane	70U	85U	55U	120U	60U	290U	150U	250U	110U	49U	450U	360U	69U	87U
bromodichloromethane	70U	85U	55U	120U	60U	290U	150U	250U	110U	49U	450U	360U	69U	87U
cis-1,3-dichloropropene	70U	85U	55U	120U	60U	290U	150U	250U	110U	49U	450U	360U	69U	87U
methyl isobutyl ketone	170U	210U	140U	290U	150U	720U	370U	620U	270U	120U	1100U	900U	170U	220U
toluene	70U	85U	55U	120U	60U	290U	150U	250U	110U	49U	450U	360U	69U	87U
trans-1,3-dichloropropene	70U	85U	55U	120U	60U	290U	150U	250U	110U	49U	450U	360U	69U	87U
1,1,2-trichloroethane	70U	85U	55U	120U	60U	290U	150U	250U	110U	49U	450U	360U	69U	87U
tetrachloroethene (tetrachloroethylene)	70U	85U	55U	120U	60U	290U	150U	250U	110U	49U	450U	360U	69U	87U
1,3-dichloropropane	70U	85U	55U	120U	60U	290U	150U	250U	110U	49U	450U	360U	69U	87U
methyl butyl ketone	170U	210U	140U	290U	150U	720U	370U	620U	270U	120U	1100U	900U	170U	220U
dibromochloromethane	70U	85U	55U	120U	60U	290U	150U	250U	110U	49U	450U	360U	69U	87U
chlorobenzene	70U	85U	55U	120U	60U	290U	150U	250U	110U	49U	450U	360U	69U	87U
1,1,1,2-tetrachloroethane	70U	85U	55U	120U	60U	290U	150U	250U	110U	49U	450U	360U	69U	87U
ethyl benzene	70U	85U	55U	120U	60U	290U	150U	250U	110U	49U	450U	360U	69U	87U
(m- and/or p-) xylene	70U	85U	55U	120U	60U	290U	150U	250U	110U	49U	450U	360U	69U	87U
o-xylene	70U	85U	55U	120U	60U	290U	150U	250U	110U	49U	450U	360U	69U	87U
styrene	70U	85U	55U	120U	60U	290U	150U	250U	110U	49U	450U	360U	69U	87U
bromoform	70U	85U	55U	120U	60U	290U	150U	250U	110U	49U	450U	360U	69U	87U
bromobenzene	70U	85U	55U	120U	60U	290U	150U	250U	110U	49U	450U	360U	69U	87U
1,1,2,2-tetrachloroethane	70U	85U	55U	120U	60U	290U	150U	250U	110U	49U	450U	360U	69U	87U
1,2,3-trichloropropane	70U	85U	55U	120U	60U	290U	150U	250U	110U	49U	450U	360U	69U	87U
o-chlorotoluene	70U	85U	55U	120U	60U	290U	150U	250U	110U	49U	450U	360U	69U	87U
p-chlorotoluene	70U	85U	55U	120U	60U	290U	150U	250U	110U	49U	450U	360U	69U	87U
1,3-dichlorobenzene	70U	85U	55U	120U	60U	290U	150U	250U	110U	49U	450U	360U	69U	87U
1,4-dichlorobenzene	70U	85U	55U	120U	60U	290U	150U	250U	110U	49U	450U	360U	69U	87U
1,2-dichlorobenzene	70U	85U	55U	120U	60U	290U	150U	250U	110U	49U	450U	360U	69U	87U
thiobismethane														

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Compound	Stations													
	BR015	BR016	BR017	BR018	BR019	BR020	BR021	BR022	BR023	BR024	BR025	BR026	BR027	BR028
chloromethane	100U	63U	94U	65U	56U	140UJ	110U	92U	230U	190U	86U	63U	270U	67U
vinyl chloride	100U	63U	94U	65U	56U	140UJ	110U	92U	230U	190U	86U	63U	270U	67U
bromomethane	100U	63U	94U	65U	56U	140UJ	110U	92U	230U	190U	86U	63U	270U	67U
chloroethane	100U	63U	94U	65U	56U	140UJ	110U	92U	230U	190U	86U	63U	270U	67U
trichlorofluoromethane	100U	63U	94U	65U	56U	140UJ	110U	92U	230U	190U	86U	63U	270U	67U
1,1-dichloroethene (1,1-dichloroethylene)	100U	63U	94U	65U	56U	140UJ	110U	92U	230U	190U	86U	63U	270U	67U
acetone	1000U	630U	940U	650U	560U	1400UJ	1100U	920U	2300U	1900U	860U	630U	2700U	670U
carbon disulfide	260U	160U	230U	160U	140U	350UJ	270U	230U	570U	4800U	220U	160U	670U	170U
methylene chloride	100U	63U	94U	65U	56U	140UJ	110U	92U	230U	190U	86U	63U	270U	67U
trans-1,2-dichloroethene	100U	63U	94U	65U	56U	140UJ	110U	92U	230U	190U	86U	63U	270U	67U
1,1-dichloroethane	100U	63U	94U	65U	56U	140UJ	110U	92U	230U	190U	86U	63U	270U	67U
cis-1,2-dichloroethene	100U	63U	94U	65U	56U	140UJ	110U	92U	230U	190U	86U	63U	270U	67U
2,2-dichloropropane	100U	63U	94U	65U	56U	140UJ	110U	92U	230U	190U	86U	63U	270U	67U
methyl ethyl ketone	1000U	630U	940U	650U	560U	1400UJ	1100U	920U	2300U	1900U	860U	630U	2700U	670U
bromochloromethane	100U	63U	94U	65U	56U	140UJ	110U	92U	230U	190U	86U	63U	270U	67U
chloroform	100U	63U	94U	65U	56U	140UJ	110U	92U	230U	190U	86U	63U	270U	67U
1,1,1-trichloroethane	100U	63U	94U	65U	56U	140UJ	110U	92U	230U	190U	86U	63U	270U	67U
1,1-dichloropropene	100U	63U	94U	65U	56U	140UJ	110U	92U	230U	190U	86U	63U	270U	67U
carbon tetrachloride	100U	63U	94U	65U	56U	140UJ	110U	92U	230U	190U	86U	63U	270U	67U
1,2-dichloroethane	100U	63U	94U	65U	56U	140UJ	110U	92U	230U	190U	86U	63U	270U	67U
benzene	100U	63U	94U	65U	56U	140UJ	110U	92U	230U	190U	86U	63U	270U	67U
trichloroethene (trichloroethylene)	100U	63U	94U	65U	56U	140UJ	110U	92U	230U	190U	86U	63U	270U	67U
1,2-dichloropropane	100U	63U	94U	65U	56U	140UJ	110U	92U	230U	190U	86U	63U	270U	67U
dibromomethane	100U	63U	94U	65U	56U	140UJ	110U	92U	230U	190U	86U	63U	270U	67U
bromodichloromethane	100U	63U	94U	65U	56U	140UJ	110U	92U	230U	190U	86U	63U	270U	67U
cis-1,3-dichloropropene	100U	63U	94U	65U	56U	140UJ	110U	92U	230U	190U	86U	63U	270U	67U
methyl isobutyl ketone	260U	160U	230U	160U	140U	350UJ	270U	230U	570U	480U	220U	160U	670U	170U
toluene	100U	63U	94U	65U	56U	140UJ	110U	92U	230U	190U	86U	63U	270U	67U
trans-1,3-dichloropropene	100U	63U	94U	65U	56U	140UJ	110U	92U	230U	190U	86U	63U	270U	67U
1,1,2-trichloroethane	100U	63U	94U	65U	56U	140UJ	110U	92U	230U	190U	86U	63U	270U	67U
tetrachloroethene (tetrachloroethylene)	100U	63U	94U	65U	56U	140UJ	110U	92U	230U	190U	86U	63U	270U	67U
1,3-dichloropropane	100U	63U	94U	65U	56U	140UJ	110U	92U	230U	190U	86U	63U	270U	67U
methyl butyl ketone	260U	160U	230U	160U	140U	350UJ	270U	230U	570U	480U	220U	160U	670U	170U
dibromochloromethane	100U	63U	94U	160U	56U	140UJ	110U	92U	230U	190U	86U	63U	270U	67U
chlorobenzene	100U	63U	94U	65U	56U	140UJ	110U	92U	230U	190U	86U	63U	270U	67U
1,1,1,2-tetrachloroethane	100U	63U	94U	65U	56U	140UJ	110U	92U	230U	190U	86U	63U	270U	67U
ethyl benzene	100U	63U	94U	65U	56U	140UJ	110U	92U	230U	190U	86U	63U	270U	67U
(m- and/or p-) xylene	100U	63U	94U	65U	56U	140UJ	110U	92U	230U	190U	86U	63U	270U	67U
o-xylene	100U	63U	94U	65U	56U	140UJ	110U	92U	230U	190U	86U	63U	270U	67U
styrene	100U	63U	94U	65U	56U	140UJ	110U	92U	230U	190U	86U	63U	270U	67U
bromoform	100U	63U	94U	65U	56U	140UJ	110U	92U	230U	190U	86U	63U	270U	67U
bromobenzene	100U	63U	94U	65U	56U	140UJ	110U	92U	230U	190U	86U	63U	270U	67U
1,1,2,2-tetrachloroethane	100U	63U	94U	65U	56U	140UJ	110U	92U	230U	190U	86U	63U	270U	67U
1,2,3-trichloropropane	100U	63U	94U	65U	56U	140UJ	110U	92U	230U	190U	86U	63U	270U	67U
o-chlorotoluene	100U	63U	94U	65U	56U	140UJ	110U	92U	230U	190U	86U	63U	270U	67U
p-chlorotoluene	100U	63U	94U	65U	56U	140UJ	110U	92U	230U	190U	86U	63U	270U	67U
1,3-dichlorobenzene	100U	63U	94U	65U	56U	140UJ	110U	92U	230U	190U	86U	63U	270U	67U
1,4-dichlorobenzene	100U	63U	94U	65U	56U	140UJ	110U	92U	230U	190U	86U	63U	270U	67U
1,2-dichlorobenzene	100U	63U	94U	65U	56U	140UJ	110U	92U	230U	190U	86U	63U	270U	67U
thiobismethane														

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Compound	Stations													
	BR029	BR030	BR031	BR032	BR033	BR034	BR035	BR036	BR037	BR038	BR039	BR040	BR041	BR042
chloromethane	71U	370UJ	90U	170U	120U	180U	99U	50U	190U	82U	92U	280U	180U	310U
vinyl chloride	71U	370UJ	90U	170U	120U	180U	99U	50U	190U	82U	92U	280U	180U	310U
bromomethane	71U	370UJ	90U	170U	120U	180U	99U	50U	190U	82U	92U	280U	180U	310U
chloroethane	71U	370UJ	90U	170U	120U	180U	99U	50U	190U	82U	92U	280U	180U	310U
trichlorofluoromethane	71U	370UJ	90U	170U	120U	180U	99U	50U	190U	82U	92U	280U	180U	310U
1,1-dichloroethene (1,1-dichloroethylene)	71U	370UJ	90U	170U	120U	180U	99U	50U	190U	82U	92U	280U	180U	310U
acetone	710U	3700UJ	900U	1700U	1200U	1800U	990U	500U	1900U	820U	920U	2800U	1800U	3100U
carbon disulfide	180U	930UJ	230U	420U	290U	450U	250U	130U	480U	200U	230U	710U	460U	760U
methylene chloride	71U	370UJ	90U	170U	120U	180U	99U	50U	190U	82U	92U	280U	180U	310U
trans-1,2-dichloroethene	71U	370UJ	90U	170U	120U	180U	99U	50U	190U	82U	92U	280U	180U	310U
1,1-dichloroethane	71U	370UJ	90U	170U	120U	180U	99U	50U	190U	82U	92U	280U	180U	310U
cis-1,2-dichloroethene	71U	370UJ	90U	170U	120U	180U	99U	50U	190U	82U	92U	280U	180U	310U
2,2-dichloropropane	71U	370UJ	90U	170U	120U	180U	99U	50U	190U	82U	92U	280U	180U	310U
methyl ethyl ketone	180U	3700UJ	900U	1700U	1200U	1800U	990U	500U	1900U	820U	920U	2800U	1800U	3100U
bromochloromethane	71U	370UJ	90U	170U	120U	180U	99U	50U	190U	82U	92U	280U	180U	310U
chloroform	71U	370UJ	90U	170U	120U	180U	99U	50U	190U	82U	92U	280U	180U	310U
1,1,1-trichloroethane	71U	370UJ	90U	170U	120U	180U	99U	50U	190U	82U	92U	280U	180U	310U
1,1-dichloropropene	71U	370UJ	90U	170U	120U	180U	99U	50U	190U	82U	92U	280U	180U	310U
carbon tetrachloride	71U	370UJ	90U	170U	120U	180U	99U	50U	190U	82U	92U	280U	180U	310U
1,2-dichloroethane	71U	370UJ	90U	170U	120U	180U	99U	50U	190U	82U	92U	280U	180U	310U
benzene	71U	370UJ	90U	170U	120U	180U	99U	50U	190U	82U	92U	280U	180U	310U
trichloroethene (trichloroethylene)	71U	370UJ	90U	170U	120U	180U	99U	50U	190U	82U	92U	280U	180U	310U
1,2-dichloropropane	71U	370UJ	90U	170U	120U	180U	99U	50U	190U	82U	92U	280U	180U	310U
dibromomethane	71U	370UJ	90U	170U	120U	180U	99U	50U	190U	82U	92U	280U	180U	310U
bromodichloromethane	71U	370UJ	90U	170U	120U	180U	99U	50U	190U	82U	92U	280U	180U	310U
cis-1,3-dichloropropene	71U	370UJ	90U	170U	120U	180U	99U	50U	190U	82U	92U	280U	180U	310U
methyl isobutyl ketone	180U	930UJ	230U	420U	290U	450U	250U	130U	480U	200U	230U	710U	460U	760U
toluene	71U	370UJ	90U	170U	120U	180U	99U	50U	190U	82U	92U	280U	180U	310U
trans-1,3-dichloropropene	71U	370UJ	90U	170U	120U	180U	99U	50U	190U	82U	92U	280U	180U	310U
1,1,2-trichloroethane	71U	370UJ	90U	170U	120U	180U	99U	50U	190U	82U	92U	280U	180U	310U
tetrachloroethene (tetrachloroethylene)	71U	370UJ	90U	170U	120U	180U	99U	50U	190U	82U	92U	280U	180U	310U
1,3-dichloropropane	71U	370UJ	90U	170U	120U	180U	99U	50U	190U	82U	92U	280U	180U	310U
methyl butyl ketone	180U	930UJ	230U	420U	290U	450U	250U	130U	480U	200U	230U	710U	460U	760U
dibromochloromethane	71U	370UJ	90U	170U	120U	180U	99U	50U	190U	82U	92U	280U	180U	310U
chlorobenzene	71U	370UJ	90U	170U	120U	180U	99U	50U	190U	82U	92U	280U	180U	310U
1,1,1,2-tetrachloroethane	71U	370UJ	90U	170U	120U	180U	99U	50U	190U	82U	92U	280U	180U	310U
ethyl benzene	71U	370UJ	90U	170U	120U	180U	99U	50U	190U	82U	92U	280U	180U	310U
(m- and/or p-) xylene	71U	370UJ	90U	170U	120U	180U	99U	50U	190U	82U	92U	280U	180U	310U
o-xylene	71U	370UJ	90U	170U	120U	180U	99U	50U	190U	82U	92U	280U	180U	310U
styrene	71U	370UJ	90U	170U	120U	180U	99U	50U	190U	82U	92U	280U	180U	310U
bromoform	71U	370UJ	90U	170U	120U	180U	99U	50U	190U	82U	92U	280U	180U	310U
bromobenzene	71U	370UJ	90U	170U	120U	180U	99U	50U	190U	82U	92U	280U	180U	310U
1,1,2,2-tetrachloroethane	71U	370UJ	90U	170U	120U	180U	99U	50U	190U	82U	92U	280U	180U	310U
1,2,3-trichloropropane	71U	370UJ	90U	170U	120U	180U	99U	50U	190U	82U	92U	280U	180U	310U
o-chlorotoluene	71U	370UJ	90U	170U	120U	180U	99U	50U	190U	82U	92U	280U	180U	310U
p-chlorotoluene	71U	370UJ	90U	170U	120U	180U	99U	50U	190U	82U	92U	280U	180U	310U
1,3-dichlorobenzene	71U	370UJ	90U	170U	120U	180U	99U	50U	190U	82U	92U	280U	180U	310U
1,4-dichlorobenzene	71U	370UJ	90U	170U	120U	180U	99U	50U	190U	82U	92U	280U	180U	310U
1,2-dichlorobenzene	71U	370UJ	90U	170U	120U	180U	99U	50U	190U	82U	92U	280U	180U	310U
thiobismethane														

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Compound	Stations													
	BR043	BR044	BR045	BR046	BR047	BR048	BR049	BR050	BR051	BR052	BR053	BR054	BR055	BR056
chloromethane	57U	220U	120U	97U	190U	380U	220UJ	240U	250U	98U	320U	230U	78U	190U
vinyl chloride	57U	220U	120U	97U	190U	380U	220UJ	240U	250U	98U	320U	230U	78U	190U
bromomethane	57U	220U	120U	97U	190U	380U	220UJ	240U	250U	98U	320U	230U	78U	190U
chloroethane	57U	220U	120U	97U	190U	380U	220UJ	240U	250U	98U	320U	230U	78U	190U
trichlorofluoromethane	57U	220U	120U	97U	190U	380U	220UJ	240U	250U	98U	320U	230U	78U	190U
1,1-dichloroethene (1,1-dichloroethylene)	57U	220U	120U	97U	190U	380U	220UJ	240U	250U	98U	320U	230U	78U	190U
acetone	570U	2200U	1200U	970U	1900U	3800U	2200UJ	2400U	2500U	690U	3200U	2300U	780U	1500J
carbon disulfide	140U	550U	300U	240U	480U	960U	550UJ	590U	620U	250U	800U	560U	190U	470U
methylene chloride	57U	220U	120U	97U	190U	380U	220UJ	240U	250U	98U	320U	230U	78U	190U
trans-1,2-dichloroethene	57U	220U	120U	97U	190U	380U	220UJ	240U	250U	98U	320U	230U	78U	190U
1,1-dichloroethane	57U	220U	120U	97U	190U	380U	220UJ	240U	250U	98U	320U	230U	78U	190U
cis-1,2-dichloroethene	57U	220U	120U	97U	190U	380U	220UJ	240U	250U	98U	320U	230U	78U	190U
2,2-dichloropropane	57U	220U	120U	97U	190U	380U	220UJ	240U	250U	98U	320U	230U	78U	190U
methyl ethyl ketone	570U	2200U	1200U	270U	1900U	3800U	2200UJ	2400U	2500U	980U	3200U	2300U	780U	1900U
bromochloromethane	57U	220U	120U	97U	190U	380U	220UJ	240U	250U	98U	320U	230U	78U	190U
chloroform	57U	220U	120U	97U	190U	380U	220UJ	240U	250U	98U	320U	230U	78U	190U
1,1,1-trichloroethane	57U	220U	120U	97U	190U	380U	220UJ	240U	250U	98U	320U	230U	78U	190U
1,1-dichloropropene	57U	220U	120U	97U	190U	380U	220UJ	240U	250U	98U	320U	230U	78U	190U
carbon tetrachloride	57U	220U	120U	97U	190U	380U	220UJ	240U	250U	98U	320U	230U	78U	190U
1,2-dichloroethane	57U	220U	120U	97U	190U	380U	220UJ	240U	250U	98U	320U	230U	78U	190U
benzene	57U	220U	120U	97U	190U	380U	220UJ	240U	250U	98U	320U	230U	78U	190U
trichloroethene (trichloroethylene)	57U	220U	120U	97U	190U	380U	220UJ	240U	250U	98U	320U	230U	78U	190U
1,2-dichloropropane	57U	220U	120U	97U	190U	380U	220UJ	240U	250U	98U	320U	230U	78U	190U
dibromomethane	57U	220U	120U	97U	190U	380U	220UJ	240U	250U	98U	320U	230U	78U	190U
bromodichloromethane	57U	220U	120U	97U	190U	380U	220UJ	240U	250U	98U	320U	230U	78U	190U
cis-1,3-dichloropropene	57U	220U	120U	97U	190U	380U	220UJ	240U	250U	98U	320U	230U	78U	190U
methyl isobutyl ketone	140U	550U	300U	240U	480U	960U	550UJ	590U	620U	250U	800U	560U	190U	470U
toluene	57U	220U	120U	97U	190U	380U	220UJ	240U	250U	98U	320U	230U	78U	190U
trans-1,3-dichloropropene	57U	220U	120U	97U	190U	380U	220UJ	240U	250U	98U	320U	230U	78U	190U
1,1,2-trichloroethane	57U	220U	120U	97U	190U	380U	220UJ	240U	250U	98U	320U	230U	78U	190U
tetrachloroethene (tetrachloroethylene)	57U	220U	120U	97U	190U	380U	220UJ	240U	250U	98U	320U	230U	78U	190U
1,3-dichloropropane	57U	220U	120U	97U	190U	380U	220UJ	240U	250U	98U	320U	230U	78U	190U
methyl butyl ketone	140U	550U	300U	240U	480U	960U	550UJ	590U	620U	250U	800U	560U	190U	470U
dibromochloromethane	57U	220U	120U	97U	190U	380U	220UJ	240U	250U	98U	320U	230U	78U	190U
chlorobenzene	57U	220U	120U	97U	190U	380U	220UJ	240U	250U	98U	320U	230U	78U	190U
1,1,1,2-tetrachloroethane	57U	220U	120U	97U	190U	380U	220UJ	240U	250U	98U	320U	230U	78U	190U
ethyl benzene	57U	220U	120U	97U	190U	380U	220UJ	240U	250U	98U	320U	230U	78U	190U
(m- and/or p-) xylene	57U	220U	120U	97U	190U	380U	220UJ	240U	250U	98U	320U	230U	78U	190U
o-xylene	57U	220U	120U	97U	190U	380U	220UJ	240U	250U	98U	320U	230U	78U	190U
styrene	57U	220U	120U	97U	190U	380U	220UJ	240U	250U	98U	320U	230U	78U	190U
bromoform	57U	220U	120U	97U	190U	380U	220UJ	240U	250U	98U	320U	230U	78U	190U
bromobenzene	57U	220U	120U	97U	190U	380U	220UJ	240U	250U	98U	320U	230U	78U	190U
1,1,2,2-tetrachloroethane	57U	220U	120U	97U	190U	380U	220UJ	240U	250U	98U	320U	230U	78U	190U
1,2,3-trichloropropane	57U	220U	120U	97U	190U	380U	220UJ	240U	250U	98U	320U	230U	78U	190U
o-chlorotoluene	57U	220U	120U	97U	190U	380U	220UJ	240U	250U	98U	320U	230U	78U	190U
p-chlorotoluene	57U	220U	120U	97U	190U	380U	220UJ	240U	250U	98U	320U	230U	78U	190U
1,3-dichlorobenzene	57U	220U	120U	97U	190U	380U	220UJ	240U	250U	98U	320U	230U	78U	190U
1,4-dichlorobenzene	57U	220U	120U	97U	190U	380U	220UJ	240U	250U	98U	320U	230U	78U	190U
1,2-dichlorobenzene	57U	220U	120U	97U	190U	380U	220UJ	240U	250U	98U	320U	230U	78U	190U
thiobismethane														

BRUNSWICK COMMUNITY BASED STUDY
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Compound	Stations													
	BR057	BR058	BR059	BR060	BR061	BR062	BR063	BR064	BR065	BR066	BR067	BR068	BR069	BR070
chloromethane	100U	400U	97U	130U	160U	92U	74U	100U	68U	260U	200U	190U	130U	88U
vinyl chloride	100U	400U	97U	130U	160U	92U	74U	100U	68U	260U	200U	190U	130U	88U
bromomethane	100U	400U	97U	130U	160U	92U	74U	100U	68U	260U	200U	190U	130U	88U
chloroethane	100U	400U	97U	130U	160U	92U	74U	100U	68U	260U	200U	190U	130U	88U
trichlorofluoromethane	100U	400U	97U	130U	160U	92U	74U	100U	68U	260U	200U	190U	130U	88U
1,1-dichloroethene (1,1-dichloroethylene)	100U	400U	97U	130U	160U	92U	74U	100U	68U	260U	200U	190U	130U	88U
acetone	1000U	4000U	970U	1100U	1600U	920U	740U	1000U	680U	2600U	2000U	1900U	1300U	880U
carbon disulfide	250U	1000U	240U	320U	390U	230U	180U	250U	170U	640U	510U	470U	310U	220U
methylene chloride	100U	400U	97U	130U	160U	92U	74U	100U	68U	260U	200U	190U	130U	88U
trans-1,2-dichloroethene	100U	400U	97U	130U	160U	92U	74U	100U	68U	260U	200U	190U	130U	88U
1,1-dichloroethane	100U	400U	97U	130U	160U	92U	74U	100U	68U	260U	200U	190U	130U	88U
cis-1,2-dichloroethene	100U	400U	97U	130U	160U	92U	74U	100U	68U	260U	200U	190U	130U	88U
2,2-dichloropropane	100U	400U	97U	130U	160U	92U	74U	100U	68U	260U	200U	190U	130U	88U
methyl ethyl ketone	1000U	4000U	970U	1300U	1600U	920U	740U	1000U	680U	2600U	2000U	1900U	1300U	880U
bromochloromethane	100U	400U	97U	130U	160U	92U	74U	100U	68U	260U	200U	190U	130U	88U
chloroform	100U	400U	97U	130U	160U	92U	74U	100U	68U	260U	200U	190U	130U	88U
1,1,1-trichloroethane	100U	400U	97U	130U	160U	92U	74U	100U	68U	260U	200U	190U	130U	88U
1,1-dichloropropene	100U	400U	97U	130U	160U	92U	74U	100U	68U	260U	200U	190U	130U	88U
carbon tetrachloride	100U	400U	97U	130U	160U	92U	74U	100U	68U	260U	200U	190U	130U	88U
1,2-dichloroethane	100U	400U	97U	130U	160U	92U	74U	100U	68U	260U	200U	190U	130U	88U
benzene	100U	400U	97U	130U	160U	92U	74U	100U	68U	260U	200U	190U	130U	88U
trichloroethene (trichloroethylene)	100U	400U	97U	130U	160U	92U	74U	100U	68U	260U	200U	190U	130U	88U
1,2-dichloropropane	100U	400U	97U	130U	160U	92U	74U	100U	68U	260U	200U	190U	130U	88U
dibromomethane	100U	400U	97U	130U	160U	92U	74U	100U	68U	260U	200U	190U	130U	88U
bromodichloromethane	100U	400U	97U	130U	160U	92U	74U	100U	68U	260U	200U	190U	130U	88U
cis-1,3-dichloropropene	100U	400U	97U	130U	160U	92U	74U	100U	68U	260U	200U	190U	130U	88U
methyl isobutyl ketone	250U	1000U	240U	320U	390U	230U	180U	250U	170U	640U	510U	470U	310U	220U
toluene	100U	400U	97U	130U	160U	92U	74U	100U	68U	260U	200U	190U	130U	88U
trans-1,3-dichloropropene	100U	400U	97U	130U	160U	92U	74U	100U	68U	260U	200U	190U	130U	88U
1,1,2-trichloroethane	100U	400U	97U	130U	160U	92U	74U	100U	68U	260U	200U	190U	130U	88U
tetrachloroethene (tetrachloroethylene)	100U	400U	97U	130U	160U	92U	74U	100U	68U	260U	200U	190U	130U	88U
1,3-dichloropropane	100U	400U	97U	130U	160U	92U	74U	100U	68U	260U	200U	190U	130U	88U
methyl butyl ketone	250U	1000U	240U	320U	390U	230U	180U	250U	170U	640U	510U	470U	310U	220U
dibromochloromethane	100U	400U	97U	130U	160U	92U	74U	100U	68U	260U	200U	190U	130U	88U
chlorobenzene	100U	400U	97U	130U	160U	92U	74U	100U	68U	260U	200U	190U	130U	88U
1,1,1,2-tetrachloroethane	100U	400U	97U	130U	160U	92U	74U	100U	68U	260U	200U	190U	130U	88U
ethyl benzene	100U	400U	97U	130U	160U	92U	74U	100U	68U	260U	200U	190U	130U	88U
(m- and/or p-) xylene	100U	400U	97U	130U	160U	92U	74U	100U	68U	260U	200U	190U	130U	88U
o-xylene	100U	400U	97U	130U	160U	92U	74U	100U	68U	260U	200U	190U	130U	88U
styrene	100U	400U	97U	130U	160U	92U	74U	100U	68U	260U	200U	190U	130U	88U
bromoform	100U	400U	97U	130U	160U	92U	74U	100U	68U	260U	200U	190U	130U	88U
bromobenzene	100U	400U	97U	130U	160U	92U	74U	100U	68U	260U	200U	190U	130U	88U
1,1,2,2-tetrachloroethane	100U	400U	97U	130U	160U	92U	74U	100U	68U	260U	200U	190U	130U	88U
1,2,3-trichloropropane	100U	400U	97U	130U	160U	92U	74U	100U	68U	260U	200U	190U	130U	88U
o-chlorotoluene	100U	400U	97U	130U	160U	92U	74U	100U	68U	260U	200U	190U	130U	88U
p-chlorotoluene	100U	400U	97U	130U	160U	92U	74U	100U	68U	260U	200U	190U	130U	88U
1,3-dichlorobenzene	100U	400U	97U	130U	160U	92U	74U	100U	68U	260U	200U	190U	130U	88U
1,4-dichlorobenzene	100U	400U	97U	130U	160U	92U	74U	100U	68U	260U	200U	190U	130U	88U
1,2-dichlorobenzene	100U	400U	97U	130U	160U	92U	74U	100U	68U	260U	200U	190U	130U	88U
thiobismethane	200J													

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Compound	Stations										
	BR071	BR072	BR073	BR074	BR075	BR076	BR077	BR078	BR079	BR080	BR081
chloromethane	240U	100U	180U	41U	160U	57U	180U	170U	80U	120U	140U
vinyl chloride	240U	100U	180U	41U	160U	57U	180U	170U	80U	120U	140U
bromomethane	240U	100U	180U	41U	160U	57U	180U	170U	80U	120U	140U
chloroethane	240U	100U	180U	41U	160U	57U	180U	170U	80U	120U	140U
trichlorofluoromethane	240U	100U	180U	41U	160U	57U	180U	170U	80U	120U	140U
1,1-dichloroethene (1,1-dichloroethylene)	240U	100U	180U	41U	160U	57U	180U	170U	80U	120U	140U
acetone	2400U	1000U	1800U	410U	1600U	570U	1800U	1700U	800U	1200U	1400U
carbon disulfide	600U	260U	440U	100U	410U	140U	450U	420U	200U	310U	340U
methylene chloride	240U	100U	180U	41U	160U	57U	180U	170U	80U	120U	140U
trans-1,2-dichloroethene	240U	100U	180U	41U	160U	57U	180U	170U	80U	120U	140U
1,1-dichloroethane	240U	100U	180U	41U	160U	57U	180U	170U	80U	120U	140U
cis-1,2-dichloroethene	240U	100U	180U	41U	160U	57U	180U	170U	80U	120U	140U
2,2-dichloropropane	240U	100U	180U	41U	160U	57U	180U	170U	80U	120U	140U
methyl ethyl ketone	2400U	1000U	1800U	410U	1600U	570U	1800U	1700U	800U	1200U	1400U
bromochloromethane	240U	100U	180U	41U	160U	57U	180U	170U	80U	120U	140U
chloroform	240U	100U	180U	41U	160U	57U	180U	170U	80U	120U	140U
1,1,1-trichloroethane	240U	100U	180U	41U	160U	57U	180U	170U	80U	120U	140U
1,1-dichloropropene	240U	100U	180U	41U	160U	57U	180U	170U	80U	120U	140U
carbon tetrachloride	240U	100U	180U	41U	160U	57U	180U	170U	80U	120U	140U
1,2-dichloroethane	240U	100U	180U	41U	160U	57U	180U	170U	80U	120U	140U
benzene	240U	100U	180U	41U	160U	57U	180U	170U	80U	120U	140U
trichloroethene (trichloroethylene)	240U	100U	180U	41U	160U	57U	180U	170U	80U	120U	140U
1,2-dichloropropane	240U	100U	180U	41U	160U	57U	180U	170U	80U	120U	140U
dibromomethane	240U	100U	180U	41U	160U	57U	180U	170U	80U	120U	140U
bromodichloromethane	240U	100U	180U	41U	160U	57U	180U	170U	80U	120U	140U
cis-1,3-dichloropropene	240U	100U	180U	41U	160U	57U	180U	170U	80U	120U	140U
methyl isobutyl ketone	600U	260U	440U	100U	410U	140U	450U	420U	200U	310U	340U
toluene	240U	100U	180U	41U	160U	57U	180U	170U	80U	120U	140U
trans-1,3-dichloropropene	240U	100U	180U	41U	160U	57U	180U	170U	80U	120U	140U
1,1,2-trichloroethane	240U	100U	180U	41U	160U	57U	180U	170U	80U	120U	140U
tetrachloroethene (tetrachloroethylene)	240U	100U	180U	41U	160U	57U	180U	170U	80U	120U	140U
1,3-dichloropropane	240U	100U	180U	41U	160U	57U	180U	170U	80U	120U	140U
methyl butyl ketone	600U	260U	440U	100U	410U	140U	450U	420U	200U	310U	340U
dibromochloromethane	240U	100U	180U	41U	160U	57U	180U	170U	80U	120U	140U
chlorobenzene	240U	100U	180U	41U	160U	57U	180U	170U	80U	120U	140U
1,1,1,2-tetrachloroethane	240U	100U	180U	41U	160U	57U	180U	170U	80U	120U	140U
ethyl benzene	240U	100U	180U	41U	160U	57U	180U	170U	80U	120U	140U
(m- and/or p-) xylene	240U	100U	180U	41U	160U	57U	180U	170U	80U	120U	140U
o-xylene	240U	100U	180U	41U	160U	57U	180U	170U	80U	120U	140U
styrene	240U	100U	180U	41U	160U	57U	180U	170U	80U	120U	140U
bromoform	240U	100U	180U	41U	160U	57U	180U	170U	80U	120U	140U
bromobenzene	240U	100U	180U	41U	160U	57U	180U	170U	80U	120U	140U
1,1,2,2-tetrachloroethane	240U	100U	180U	41U	160U	57U	180U	170U	80U	120U	140U
1,2,3-trichloropropane	240U	100U	180U	41U	160U	57U	180U	170U	80U	120U	140U
o-chlorotoluene	240U	100U	180U	41U	160U	57U	180U	170U	80U	120U	140U
p-chlorotoluene	240U	100U	180U	41U	160U	57U	180U	170U	80U	120U	140U
1,3-dichlorobenzene	240U	100U	180U	41U	160U	57U	180U	170U	80U	120U	140U
1,4-dichlorobenzene	240U	100U	180U	41U	160U	57U	180U	170U	80U	120U	140U
1,2-dichlorobenzene	240U	100U	180U	41U	160U	57U	180U	170U	80U	120U	140U
thiobismethane											

BRUNSWICK COMMUNITY BASED STUDY
APPENDIX B-4: Purgeable Organics in River Sediments- 12/95

Stations with QAQC Samples

Compound	BR010	BR020	BR030	BR040	BR050	BR060	BR070	BR080
chloromethane	58U	210U	190U	170U	180U	160U	65U	150U
vinyl chloride	58U	210U	190U	170U	180U	160U	65U	150U
bromomethane	58U	210U	190U	170U	180U	160U	65U	150U
chloroethane	58U	210U	190U	170U	180U	160U	65U	150U
trichlorofluoromethane	58U	210U	190U	170U	180U	160U	65U	150U
1,1-dichloroethene (1,1-dichloroethylene)	58U	210U	190U	170U	180U	160U	65U	150U
acetone	580U	2100U	1900U	1700U	1800U	1600U	650U	1500U
carbon disulfide	150U	530U	470U	420U	450U	400U	160U	380U
methylene chloride	58U	210U	190U	170U	180U	160U	65U	150U
trans-1,2-dichloroethene	58U	210U	190U	170U	180U	160U	65U	150U
1,1-dichloroethane	58U	210U	190U	170U	180U	160U	65U	150U
cis-1,2-dichloroethene	58U	210U	190U	170U	180U	160U	65U	150U
2,2-dichloropropane	58U	210U	190U	170U	180U	160U	65U	150U
methyl ethyl ketone	580U	2100U	1900U	1700U	1800U	1600U	650U	380U
bromochloromethane	58U	210U	190U	170U	180U	160U	65U	150U
chloroform	58U	210U	190U	170U	180U	160U	65U	150U
1,1,1-trichloroethane	58U	210U	190U	170U	180U	160U	65U	150U
1,1-dichloropropene	58U	210U	190U	170U	180U	160U	65U	150U
carbon tetrachloride	58U	210U	190U	170U	180U	160U	65U	150U
1,2-dichloroethane	58U	210U	190U	170U	180U	160U	65U	150U
benzene	58U	210U	190U	170U	180U	160U	65U	150U
trichloroethene (trichloroethylene)	58U	210U	190U	170U	180U	160U	65U	150U
1,2-dichloropropane	58U	210U	190U	170U	180U	160U	65U	150U
dibromomethane	58U	210U	190U	170U	180U	160U	65U	150U
bromodichloromethane	58U	210U	190U	170U	180U	160U	65U	150U
cis-1,3-dichloropropene	58U	210U	190U	170U	180U	160U	65U	150U
methyl isobutyl ketone	150U	530U	470U	420U	450U	400U	160U	380U
toluene	58U	210U	190U	170U	180U	160U	65U	150U
trans-1,3-dichloropropene	58U	210U	190U	170U	180U	160U	65U	150U
1,1,2-trichloroethane	58U	210U	190U	170U	180U	160U	65U	150U
tetrachloroethene (tetrachloroethylene)	58U	210U	190U	170U	180U	160U	65U	150U
1,3-dichloropropane	58U	210U	190U	170U	180U	160U	65U	150U
methyl butyl ketone	150U	530U	470U	420U	450U	400U	160U	380U
dibromochloromethane	58U	210U	190U	170U	180U	160U	65U	150U
chlorobenzene	58U	210U	190U	170U	180U	160U	65U	150U
1,1,1,2-tetrachloroethane	58U	210U	190U	170U	180U	160U	65U	150U
ethyl benzene	58U	210U	190U	170U	180U	160U	65U	150U
(m- and/or p-) xylene	58U	210U	190U	170U	180U	160U	65U	150U
o-xylene	58U	210U	190U	170U	180U	160U	65U	150U
styrene	58U	210U	190U	170U	180U	160U	65U	150U
bromoform	58U	210U	190U	170U	180U	160U	65U	150U
bromobenzene	58U	210U	190U	170U	180U	160U	65U	150U
1,1,2,2-tetrachloroethane	58U	210U	190U	170U	180U	160U	65U	150U
1,2,3-trichloropropane	58U	210U	190U	170U	180U	160U	65U	150U
o-chlorotoluene	58U	210U	190U	170U	180U	160U	65U	150U
p-chlorotoluene	58U	210U	190U	170U	180U	160U	65U	150U
1,3-dichlorobenzene	58U	210U	190U	170U	180U	160U	65U	150U
1,4-dichlorobenzene	58U	210U	190U	170U	180U	160U	65U	150U
1,2-dichlorobenzene	58U	210U	190U	170U	180U	160U	65U	150U
thiobismethane								

BRUNSWICK COMMUNITY BASED STUDY
APPENDIX B-5: Dioxin in River Sediments - 12/95 (cont.)

Compound	Stations													
	BR000	BR003	BR008	BR010	BR022	BR028	BR030	BR032	BR041	BR048	BR052	BR055	BR074	BR080
2, 3, 7, 8 tetrachlorodibenzodioxin	5.0U	5.0U	4.0J	5.0U	5.0U	5.0U	1.1J	3.8J	1.1J	4.0J	5.0J	5.0J	5.0J	5.0U
tetrachlorodibenzodioxin (total)	47J	2.4J	15J	5.0UJ	2.9J	5.0UJ	38J	43J	30J	22J	3.5J	1.3J	3.2J	8.1J
1, 2, 3, 7, 8 pentachlorodibenzodioxin	1.3J	12U	1.5J	12U	12U	12U	3.3J	2.9J	2.4J	12U	12U	12U	12U	12U
pentachlorodibenzodioxin (total)	38J	12UJ	11J	12UJ	2.1J	12UJ	60J	43J	51J	18J	6.8J	1.5J	6.1J	13J
1, 2, 3, 4, 7, 8 hexachlorodibenzodioxin	1.6J	12U	2.2J	12U	12U	12U	5.2J	5.1J	4.1J	3.1J	12U	12U	12U	1.4J
1, 2, 3, 6, 7, 8 hexachlorodibenzodioxin	4.1J	12U	5.1J	12U	12U	12U	9.2J	11J	7.7J	8.1J	1.8J	12U	12U	3.1J
1, 2, 3, 7, 8, 9 hexachlorodibenzodioxin	7.2J	12U	7.0J	12U	12U	12U	19	20	15	11	3.6J	12U	2.4J	6.6J
hexachlorodibenzodioxin (total)	270J	15J	230J	7.0J	23J	9.0J	560J	600J	440J	310J	75J	25J	62J	180J
1, 2, 3, 4, 6, 7, 8 heptachlorodibenzodioxin	120	20U	160	12U	20U	12U	250	310	190	190	40U	20U	30U	76
heptachlorodibenzodioxin (total)	480J	50UJ	720J	20UJ	50UJ	40UJ	910J	1100J	720J	740J	190J	60UJ	100J	290J
octachlorodibenzodioxin (total)	1000	130U	1500	60U	260U	80U	2600	2700	1700	1500J	380	160U	260U	750
2, 3, 7, 8 pentachlorodibenzofuran	5.0U	5.0U	20U	5.0U	5.0U	5.0U	5.0U	20U	5.0U	20U	5.0U	5.0U	5.0U	5.0U
tetrachlorodibenzofuran (total)	4.7J	5.0UJ	27J	5.0UJ	5.0UJ	5.0UJ	11J	69J	16J	85J	5.0UJ	5.0UJ	5.0UJ	2.4J
1, 2, 3, 7, 8 pentachlorodibenzofuran	12U	12U	5.2J	12U	12U	12U	12U	5.1J	12U	6.2J	12U	12U	12U	12U
2, 3, 4, 7, 8, pentachlorodibenzofuran	12U	12U	2.9J	12U	12U	12U	12U	4.0J	1.3J	4.6J	12U	12U	12U	12U
pentachlorodibenzofuran (total)	8.4J	12UJ	32J	12UJ	12UJ	12UJ	14J	71J	17J	85J	12UJ	12UJ	12UJ	5.4J
1, 2, 3, 4, 7, 8 hexachlorodibenzofuran	12U	12U	20U	12U	12U	12U	12U	20U	4.4J	20U	12U	12U	12U	2.0J
1, 2, 3, 4, 7, 8 hexachlorodibenzofuran	12U	12U	3.2J	12U	12U	12U	12U	3.9J	2.4J	4.6J	12U	12U	12U	12U
1, 2, 3, 7, 8, 9 hexachlorodibenzofuran	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U	12U
2, 3, 4, 6, 7, 8 hexachlorodibenzofuran	12U	12U	3.5J	12U	12U	12U	1.8J	6.7J	3.0J	7.4J	12U	12U	12U	12U
hexachlorodibenzofuran (total)	11J	3.3J	44J	12UJ	12UJ	12UJ	21J	88J	36J	110J	12UJ	2.6J	12UJ	6.1J
1, 2, 3, 4, 6, 7, 8 heptachlorodibenzofuran	8.5J	2.7J	25	1.7J	12U	2.0J	12	43	15	37	1.6J	2.2J	12U	5.9J
1, 2, 3, 4, 7, 8, 9 heptachlorodibenzofuran	12U	12U	12U	12U	12U	12U	12U	3.0J	12U	3.4J	12U	2.2J	12U	12U
heptachlorodibenzofuran (total)	28J	3.2J	32J	2.0J	12UJ	2.4J	31J	59J	20J	53J	4.4J	2.6J	12UJ	7.0J
octachlorodibenzofuran (total)	15J	4.8J	38	3.7J	25U	25U	13J	60	16J	58	25U	25U	25U	7.8J
TEQ (toxic equivalent value from I-TEF/89)	4.2J	0.032J	12J	0.021J	0	0.02J	12J	18J	10J	14J	0.94J	0.022J	0.24J	2.9J

APPENDIX C

BRUNSWICK MARSH SEDIMENTS DATA

C-1: METALS

C-2: PCBs/PESTICIDES

C-3: EXTRACTABLE ORGANIC COMPOUNDS

C-4: PURGEABLE ORGANIC COMPOUNDS

BRUNSWICK COMMUNITY BASED STUDY
APPENDIX C-1: Metals in Marsh Sediment - 12/95 (cont.)

Compound	Stations													
	BR001	BR002	BR003	BR004	BR005	BR006	BR007	BR008	BR009	BR010	BR011	BR012	BR013	BR014
silver	1.5U	4.0U	3.0U	4.0U	6.0U	5.0U	5.0U	4.0U	3.0U	5.0U	4.0U	4.0U	5.0U	5.0U
arsenic	3.6	9.2	11	24	48	12	14	7.7	4.3	9.2	17	9	16	11
boron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
barium	32	44	46	48	22	55	50	45	30	34	35	40	36	50
beryllium	0.49	2	1.8	2.2	1.6	1.8	2.3	1.7	1.5	1.5	1.6	2.1	2	1.9
cadmium	0.5U	2.0U	1.5U	2.0U	3.0U	2.5U	2.5U	2.0U	1.5U	2.5U	2.0U	2.0U	2.5U	2.5
cobalt	2.4	6	7.5	14	16	9.7	9.1	7.1	5.7	6.7	11	8.2	9.6	8.7
chromium	9.9	49	43	50	22	50	56	39	38	87	43	52	51	48
copper	6.5	17	15	20	6.6	20	18	14	15	10	14	15	17	14
molybdenum	1.9	4.0U	3.0U	4.0U	13	5.0U	5.0U	4.0U	3.0U	5.0U	9.1	4.0U	5.0U	5.0U
nickel	5.9	13	11	14	12U	20	16	12	13	14	20	16	19	15
lead	14	28	24	24	11	23	26	20	17	26	19	24	24	23
antimony	3.0U	12U	9.0U	12U	18U	15U	15U	12U	9.0U	15U	12U	12U	15U	15U
selenium	4.0U	20U	12U	16U	24U	20U	20U	16U	12U	25U	2.5U	5.0U	20U	2.5U
tin	2.5U	10U	7.5U	10U	15U	12U	12U	10U	7.5U	12U	10U	10U	12U	12U
strontium	120	40	48	53	48	37	51	55	60	66	53	57	49	76
tellurium	5.0U	20U	15U	20U	30U	25U	25U	20U	15U	25U	20U	20U	25U	25U
titanium	110	350	270	340	120	350	290	220	260	210	310	310	400	290
thallium	10U	40U	30U	40U	60U	50U	50U	40U	30U	50U	40U	40U	50U	50U
vanadium	21	94	80	100	48	87	94	68	56	72	82	81	86	84
yttrium	6.4	25	24	26	16	24	25	19	16	15	15	22	20	20
zinc	22	61	71	97	23	79	100	75	64	56	72	87	72	68
zirconium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
mercury	0.14	0.08	0.11	0.12	0.09	0.1	0.17	0.13	0.09	0.34	0.06	0.11	0.05U	0.1
aluminum	9300	38000	27000	39000	8600	42000	43000	33000	31000	39000	42000	39000	43000	42000
manganese	450	190	530	370	690	530	610	540	230	200	380	270	250	1800
calcium	7400	1700	2400	3000	2600	1700	2000	3000	3700	3100	2400	3200	2200	6000
magnesium	5800	4300	4800	5400	4400	4300	6000	5100	6000	6700	5900	6200	6100	5900
iron	6700	18000	24000	49000	69000	31000	36000	23000	20000	22000	34000	31000	32000	27000
sodium	8800	2000	3000	3700	9400	2000	3200	4000	11000	17000	14000	8300	14000	5000
potassium	780	2100	1900	2200	1400	1900	2900	2000	2300	3700	2800	3000	3700	2600

Compound	Stations													
	BR015	BR016	BR017	BR018	BR019	BR020	BR021	BR022	BR023	BR024	BR025	BR026	BR027	BR028
silver	4.0U	3.0U	4.0U	4.0U	5.0U	4.0U	3.0U	4.0U	4.0U	4.0U	4.0U	4.0U	4.0U	4.0U
arsenic	16	11	19	11	15	17	11	15	13	9.4	13	29	9.6	28
boron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
barium	33	29	43	38	38	43	29	31	38	33	37	28	31	32
beryllium	1.8	1.4	2.3	1.7	2	2.1	1.5	1.8	1.8	1.6	1.8	1.7	1.5	1.7
cadmium	2.0U	1.5U	2.0U	2.0U	2.5U	2.0U	1.5U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
cobalt	6.2	6.3	8.7	7.2	8	8.2	6.1	5.7	8.7	7.7	6.7	8.9	6.5	6.9
chromium	44	99	56	130	54	55	100	49	110	100	81	47	99	42
copper	14	9.8	16	13	15	15	12	14	12	11	11	14	10	12
molybdenum	4.0U	3.0U	4.0U	4.0U	5.0U	4.0U	3.0U	4.0U	4.0U	4.0U	4.0U	5	4.0U	4.0U
nickel	13	11	17	16	13	16	12	13	15	14	15	12	13	12
lead	23	23	22	25	22	24	29	22	28	25	24	23	25	21
antimony	12U	9.0U	12U	12U	15U	12U	9.0U	12U	12U	12U	12U	12U	12U	12U
selenium	16U	12U	16U	16U	20U	5.0U	12U	2.5U	16U	16U	16U	2.5U	16U	5.0U
tin	10U	7.5U	10U	10U	12U	10U	7.5U	10U	10U	10U	10U	10U	10U	10U
strontium	44	60	50	71	54	52	57	47	68	110	58	65	65	60
tellurium	20U	15U	20U	20U	25U	20U	15U	20U	20U	20U	20U	20U	20U	20U
titanium	250	180	320	270	290	280	210	270	170	150	260	280	100	210
thallium	40U	30U	40U	40U	50U	40U	30U	40U	40U	40U	40U	40U	40U	40U
vanadium	70	70	92	87	83	83	67	77	81	72	74	75	74	72
yttrium	19	16	24	19	22	21	17	19	20	18	19	18	16	17
zinc	64	54	90	74	82	78	69	62	70	63	60	74	56	60
zirconium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
mercury	0.12	0.52	0.15	0.58	0.12	0.11	0.64	0.15	0.67	0.56	0.3	0.18	0.51	0.12
aluminum	34000	29000	43000	41000	40000	42000	30000	34000	36000	36000	38000	32000	32000	33000
manganese	400	180	440	170	340	480	280	230	520	170	210	260	240	200
calcium	1900	2800	2100	3300	2900	2400	2600	2100	2800	16000	2400	5500	3100	2600
magnesium	5100	6200	6700	8100	6600	6400	5800	6100	6800	7500	6300	6700	6700	5600
iron	21000	21000	34000	27000	32000	32000	22000	24000	26000	25000	27000	38000	21000	30000
sodium	7600	17000	14000	22000	14000	8400	13000	18000	13000	21000	12000	24000	17000	16000
potassium	2400	3300	3200	3900	3400	3100	2600	3200	3300	3400	3300	3500	3300	3400

BRUNSWICK COMMUNITY BASED STUDY
APPENDIX C-1: Metals in Marsh Sediment - 12/95 (cont.)

Compound	Stations													
	BR029	BR030	BR031	BR032	BR033	BR034	BR035	BR036	BR037	BR038	BR039	BR040	BR041	BR042
silver	4.0U	4.0U	1.0U	4.0U	1.0U	4.0U	4.0U	3.0U	4.0U	4.0U	4.0U	4.0U	4.0U	4.0U
arsenic	14	16	5.0U	12	1.0U	9.6	12	14	14	8.6	12	14	12	8.6
boron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
barium	34	34	9.8	37	14	31	27	23	26	32	30	34	30	34
beryllium	1.8	1.7	0.43	1.9	0.5U	1.7	1.6	1.3	1.3	1.5	1.8	1.4	1.6	1.4
cadmium	2.0U	2.0U	0.5U	2.0U	0.5U	2.0U	2.0U	1.5U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
cobalt	6.4	7.5	1.8	8.5	1.0U	5.5	4.6	5.2	5	5.9	6.4	6.1	5.2	5.2
chromium	49	52	29	130	7.2	50	45	37	42	160	52	81	48	75
copper	14	15	2.8	15	1.0U	13	11	9.2	10	15	12	9.4	12	8.4
molybdenum	4.0U	4.0U	10.U	4.0U	1.0U	4.0U	4.0U	3.4	4.0U	4.0U	4.0U	4.0U	4.0U	4.0U
nickel	12	12	3.4	17	2.0U	12	10	9.7	10	17	12	13	11	13
lead	19	27	9.4	28	3.8	31	29	26	27	25	23	30	23	18
antimony	12U	12U	3.0U	12U	3.0U	12U	12U	9.0U	12U	12U	12U	12U	12U	12U
selenium	16U	16U	4.0U	20U	4.0U	16U	16U	12U	16U	16U	16U	16U	16U	16U
tin	10U	10U	2.5U	10U	3.0U	10U	10U	7.5U	10U	10U	10U	10U	10U	10U
strontium	54	59	24	67	14	52	60	40	74	60	48	56	46	61
tellurium	20U	20U	5.0U	20U	5.0U	20U	20U	15U	20U	20U	20U	20U	20U	20U
titanium	240	240	190	290	53	220	240	160	260	160	240	92	210	98
thallium	40U	40U	10U	40U	10U	40U	40U	30U	40U	40U	40U	40U	40U	40U
vanadium	74	74	25	76	12	73	65	53	58	84	72	68	69	64
yttrium	19	19	5.1	20	2.4	18	17	13	15	17	19	18	17	14
zinc	65	78	13	90	3.6	63	58	46	54	77	65	57	61	47
zirconium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
mercury	0.12	0.05U	0.21	0.89	0.05U	0.05U	0.05U	0.05U	0.05U	14	0.05U	0.31	0.05U	0.18
aluminum	37000	38000	8000	40000	3400	37000	33000	27000	30000	35000	35000	33000	35000	28000
manganese	200	230	110	270	46	160	85	170	170	140	160	370	190	230
calcium	2800	2900	1100	4100	690	2300	2800	1900	8000	2900	2100	2300	2000	3200
magnesium	6600	7700	2200	8200	1200	7100	8700	5300	6300	7500	6600	5700	5800	6400
iron	26000	26000	5100	31000	2300	25000	19000	22000	26000	22000	23000	22000	20000	16000
sodium	18000	25000	8100	20000	5700	23000	34000	18000	22000	22000	18000	11000	14000	21000
potassium	3300	3800	930	4000	620	3300	3800	3200	3300	4200	3400	3300	3200	2000U

Compound	Stations													
	BR043	BR044	BR045	BR046	BR047	BR048	BR049	BR050	BR051	BR052	BR053	BR054	BR055	BR056
silver	1.0U	4.0U	4.0U	3.0U	2.0U	2.0U	2.0U	4.0U	4.0U	4.0U	5.0U	4.0U	4.0U	4.0U
arsenic	2.5U	14	16	12	6.6	6	8.4	17	15	9.8	16	20	14	22
boron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
barium	5.8	31	44	25	19	16	40	37	34	24	38	28	28	29
beryllium	0.5U	1.8	1.9	1.4	0.9	1.5	0.72	1.8	1.7	1.5	2	1.5	1.7	1.6
cadmium	0.5U	2.0U	2.0U	1.5U	1.0U	1.0U	2.1	2.0U	2.0U	2.0U	2.5U	2.0U	2.0U	2.0U
cobalt	1.0U	6.6	8.2	4.6	3.7	4.9	3.5	7.6	6.9	4.6	8.5	6.1	5.8	7.2
chromium	8.5	52	52	43	36	19	51	54	51	40	54	44	49	50
copper	1	12	15	10	5.8	8.3	130	14	12	13	14	12	11	12
molybdenum	1.0U	4.0U	4.0U	3.0U	2.0U	2.0U	3.3	4.0U	4.0U	5.6	5.0U	4.0U	4.0U	4.0U
nickel	2.0U	13	13	11	7.3	9.6	20	14	14	12	18	10	10	12
lead	2.6	21	30	24	10	17	120	25	29	29	26	24	43	25
antimony	3.0U	12U	12U	9.0U	6.0U	6.0U	6.0	12U	12U	12U	15U	12U	12U	12U
selenium	4.0U	16U	16U	12U	8.0U	8.0U	8.0	16U	16U	16U	20U	16U	16U	16U
tin	3.0U	10U	10U	7.5U	5.0U	5.0U	10U	10U	10U	10U	12U	10U	10U	10U
strontium	13	48	56	51	30	48	100	82	71	74	57	64	51	73
tellurium	5.0U	20U	20U	15U	10U	10U	10U	20U	20U	20U	25U	20U	20U	20U
titanium	100	230	240	210	120	150	100	260	240	180	230	210	210	220
thallium	10U	40U	40U	30U	20U	20U	20U	40U	40U	49U	50U	40U	40U	40U
vanadium	9.1	78	78	62	35	29	45	74	65	59	74	68	62	69
yttrium	3.2	19	22	11	9.8	20	8.4	19	18	15	20	17	16	19
zinc	5.5	60	79	46	33	50	530	74	64	64	68	64	61	67
zirconium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
mercury	0.05U	0.05U	0.05U	0.05U	0.14	0.05U	1.3	0.05U	0.05U	0.05U	0.07	0.05U	0.05U	0.05U
aluminum	3100	36000	38000	31000	17000	14000	15000	39000	36000	27000	45000	30000	33000	29000
manganese	14	270	540	88	130	130	1.3	490	510	82	390	420	200	330
calcium	470	1900	2300	2300	1700	3800	8300	7600	4500	5000	2700	5600	2700	6300
magnesium	920	6400	5600	6900	3200	2700	7600	7500	8100	8700	7200	7000	7000	8100
iron	1900	25000	32000	16000	13000	11000	22000	31000	30000	19000	30000	26000	26000	30000
sodium	4200	16000	3200	26000	6600	5900	28000	16000	17000	36000	16000	22000	22000	27000
potassium	500U	3700	2700	3600	1000U	1600	1900	3800	4400	4000	2500U	3600	4000	4000

BRUNSWICK COMMUNITY BASED STUDY
APPENDIX C-1: Metals in Marsh Sediment - 12/95 (cont.)

Compound	Stations													
	BR057	BR058	BR059	BR060	BR061	BR062	BR063	BR064	BR065	BR066	BR067	BR068	BR069	BR070
silver	4.0U	4.0U	3.0U	1.0U	4.0U	4.0U	4.0U	4.0U	3.0U	5.0U	4.0U	3.0U	3.0U	4.0U
arsenic	12	17	10	3.8	15	14	16	11	9.6	13	14	16	12	19
boron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
barium	38	37	29	8.7	32	35	33	33	26	40	37	24	25	34
beryllium	2	2	1.5	0.5U	1.6	1.8	1.7	1.7	1.4	2	2	1.3	1.6	1.8
cadmium	2.0U	2.0U	1.5U	0.5U	2.0U	2.0U	2.0U	2.0U	1.5U	2.5U	2.0U	1.5U	1.5U	2.0U
cobalt	6.9	8.8	4.4	1.2	6.9	6.7	6.2	5.8	4.8	6.9	7.2	5.4	5	7.4
chromium	93	100	45	15	52	96	52	55	46	69	90	47	78	61
copper	14	14	10	5.1	11	14	12	13	9.4	14	13	9.6	11	12
molybdenum	4.0U	4.0U	3.0U	1.2	4.0U	4.0U	4.0U	4.0U	3.0U	5.0U	4.0U	3.2	3.0U	4.0U
nickel	44	17	11	2.3	14	17	15	15	12	18	15	12	9.8	16
lead	22	29	24	7	20	27	28	24	22	30	28	23	25	21
antimony	12U	12U	9.0U	3.0U	12U	12U	12U	12U	9.0U	15U	15U	9.0U	9.0U	12U
selenium	16U	16U	12U	4.0U	16U	16U	16U	16U	12U	20U	16U	12U	12U	16U
tin	10U	10U	7.5U	3.0U	10U	10U	10U	10U	7.5U	12U	10U	7.5U	7.5U	10U
strontium	62	71	90	25	73	68	54	50	63	55	56	51	60	48
tellurium	20U	20U	15U	5.0U	20U	20U	20U	20U	15U	25U	20U	15U	15U	20U
titanium	180	270	210	69	270	240	170	230	220	410	240	260	200	200
thallium	40U	40U	30U	10U	40U	40U	40U	40U	30U	50U	40U	30U	30U	40U
vanadium	90	87	66	13	70	86	76	72	61	89	87	62	68	78
yttrium	20	21	17	4.7	17	19	18	19	16	20	20	14	18	19
zinc	140	82	52	15	64	70	59	64	55	68	73	45	55	65
zirconium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
mercury	0.03	0.37	0.05U	0.05U	0.05U	0.22	0.05U	0.05U	0.05U	0.05U	0.17	0.15	0.23	0.05U
aluminum	42000	38000	34000	4600	37000	38000	35000	39000	30000	47000	42000	29000	24000	39000
manganese	250	280	130	510	300	160	290	180	150	190	230	75	180	260
calcium	2600	4000	12000	2100	4600	3200	1900	2000	3500	1900	2200	2400	2600	1900
magnesium	7400	8600	6400	1700	9500	7800	6400	6400	8800	7100	7300	6800	6400	7000
iron	25000	30000	21000	3100	26000	25000	22000	24000	18000	24000	26000	18000	17000	31000
sodium	17000	23000	20000	6600	36000	21000	16000	15000	34000	16000	17000	27000	18000	18000
potassium	2000U	4400	3500	780	4400	2400	3200	3400	3700	4400	3900	3400	3300	3900

Compound	BR071	BR072	BR073	BR074	BR075	BR076	BR077	BR078	BR079	BR080
silver	4.0U	4.0U	5.0U	3.0U	4.0U	3.0U	4.0U	4.0U	4.0U	4.0U
arsenic	14	14	16	10	14	13	14	18	18	12
boron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
barium	25	31	34	31	37	28	37	38	41	37
beryllium	1.3	1.6	1.6	1.2	2	1.5	1.9	2	2	1.9
cadmium	2.0U	2.0U	2.5U	1.5U	2.0U	1.5U	2.0U	2.0U	2.0U	2.0U
cobalt	5.5	7	7.7	6.3	8.1	5.7	8.1	7.4	8.1	6.5
chromium	48	55	59	40	73	52	73	68	77	63
copper	8.8	10	12	9	15	11	14	15	14	13
molybdenum	4.0U	4.0U	5.0U	3.0U	4.0U	3.0U	4.0U	4.0U	4.0U	4.0U
nickel	10	15	14	13	16	12	16	16	17	15
lead	26	20	24	18	26	23	26	27	29	26
antimony	12U	12U	15U	9.0U	12U	9.0U	12U	12U	12U	12U
selenium	16U	16U	20U	12U	16U	12U	16U	16U	16U	16U
tin	10U	10U	12U	7.5U	10U	7.5U	10U	10U	10U	10U
strontium	52	63	80	45	75	62	70	100	120	68
tellurium	20U	20U	25U	15U	20U	15U	20U	20U	20U	20U
titanium	190	190	210	230	480	280	400	360	420	390
thallium	40U	40U	50U	30U	40U	30U	40U	40U	40U	40U
vanadium	58	70	73	52	86	65	83	84	88	73
yttrium	14	17	18	14	20	16	20	21	22	19
zinc	54	63	74	50	77	58	77	78	79	69
zirconium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
mercury	0.08	0.05U	0.06	0.1	0.07	0.06	0.09	0.05U	0.05U	0.06
aluminum	29000	36000	38000	29000	44000	28000	41000	41000	42000	40000
manganese	160	270	380	800	170	210	200	450	690	180
calcium	3000	3400	8800	3300	3500	3500	4100	10000	11000	3400
magnesium	6600	8700	7900	8000	11000	8100	9100	9200	11000	8900
iron	22000	26000	30000	23000	28000	23000	32000	34000	35000	27000
sodium	24000	30000	19000	16000	40000	28000	30000	23000	26000	31000
potassium	3400	4200	3900	3300	4700	3800	4700	4500	4700	4700

BRUNSWICK COMMUNITY BASED STUDY
APPENDIX C-1: Metals in Marsh Sediment - 12/95 (cont.)

Stations with QAQC Samples

Compound	BR010	BR035	BR040	BR050	BR060	BR061	BR080
silver	5.0U	3.0U	4.0U	4.0U	1.0U	4.0U	4.0U
arsenic	10	11	12	17	4.6	15	12
boron	NA	NA	NA	NA	NA	NA	NA
barium	37	22	40	33	11	30	38
beryllium	1.5	1.3	1.8	1.8	0.5U	1.4	2
cadmium	2.5U	1.5U	2.0U	2.0U	0.5U	2.0U	2.0U
cobalt	7.4	3.6	7.2	7.4	1.4	6	7.9
chromium	92	37	97	50	20	47	69
copper	10	9.2	11	13	6.8	10	15
molybdenum	5.0U	3.0U	4.0U	4.0U	1.7	4.0U	4.0U
nickel	15	8.4	16	16	3.7	12	18
lead	26	28	24	23	8.8	20	26
antimony	15U	9.0U	12U	12U	3.0U	12U	12U
selenium	20U	12U	20U	16U	4.0U	16U	16U
tin	12U	7.5U	10U	10U	2.5U	10U	10U
strontium	67	52	65	78	30	96	72
tellurium	25U	15U	20U	20U	5.0U	20U	20U
titanium	280	170	110	190	90	260	350
thallium	50U	30U	40U	40U	10U	40U	40U
vanadium	78	54	81	67	18	64	81
yttrium	16	14	21	18	5.8	16	21
zinc	57	49	65	67	21	60	75
zirconium	NA	NA	NA	NA	NA	NA	NA
mercury	0.43	0.05U	0.34	0.05U	0.05U	0.05U	0.05U
aluminum	43000	27000	37000	35000	6100	33000	43000
manganese	200	72	400	440	460	270	200
calcium	3000	2500	2600	7400	2300	11000	4300
magnesium	7000	7300	6700	7000	2300	8700	9400
iron	24000	16000	25000	29000	4000	24000	10000
sodium	17000	28000	13000	16000	8600	33000	30000
potassium	4200	3100	3700	3500	850	4100	5400

BRUNSWICK COMMUNITY BASED STUDY
APPENDIX C-2: PCB's & Pesticides in Marsh Sediment - 12/95 (cont.)

Compound	Stations													
	BR001	BR002	BR003	BR004	BR005	BR006	BR007	BR008	BR009	BR010	BR011	BR012	BR013	BR014
aldrin	180UJ	50U	55U	130U	50U	50U	52U	140U	180U	140UJ	160U	50U	180U	67U
heptachlor	180UJ	50U	55U	50U	50U	50U	52U	50U	50U	140UJ	160U	50U	180U	67U
heptachlor epoxide	180UJ	50U	55U	50U	50U	50U	52U	50U	110U	140UJ	160U	50U	180U	67U
alpha-bhc	180UJ	50U	55U	50U	50U	50U	52U	50U	50U	140UJ	160U	50U	180U	67U
beta-bhc	180UJ	50U	55U	50U	50U	50U	52U	50U	50U	140UJ	160U	50U	180U	67U
gamma-bhc (lindane)	180UJ	50U	55U	50U	50U	50U	52U	50U	50U	140UJ	160U	50U	180U	67U
delta-bhc	180UJ	84U	55U	130U	91U	50U	52U	90U	110U	140UJ	160U	73U	180U	67U
endosulfan I (alpha)	180UJ	50U	55U	50U	50U	50U	52U	50U	50U	140UJ	160U	50U	180U	67U
dieldrin	180UJ	50U	55U	50U	50U	50U	52U	50U	50U	140UJ	160U	50U	180U	67U
4, 4' - DDT (P, P' -DDT)	180UJ	84U	80U	130U	91U	60U	52U	90U	110U	140UJ	160U	73U	180U	67U
4, 4' - DDE (P, P' -DDE)	180UJ	50U	55U	130U	50U	50U	52U	90U	50U	140UJ	160U	50U	180U	67U
4, 4' - DDD (P, P' -DDD)	180UJ	84U	55U	130U	91U	50U	52U	90U	110U	140UJ	160U	73U	180U	67U
endrin	180UJ	84U	80U	130U	91U	60U	52U	90U	110U	140UJ	160U	120U	180U	67U
endosulfan II (beta)	180UJ	84U	55U	130U	91U	50U	52U	90U	110U	140UJ	160U	73U	180U	67U
endosulfan sulfate	180UJ	84U	80U	130U	91U	60U	52U	90U	110U	140UJ	160U	73U	180U	67U
chlordane (tech. mixture)	440UJ	200U	200U	210U	220U	200U	200U	230U	280U	350UJ	400U	200U	440U	200U
PCB - 1242 (Aroclor 1242)	890UJ	500U	500U	500U	500U	500U	500U	550U	900U	700UJ	800U	500U	890U	500U
PCB - 1254 (Aroclor 1254)	890UJ	500U	500U	500U	500U	500U	500U	550U	900U	700UJ	800U	500U	890U	500U
PCB - 1221 (Aroclor 1221)	890UJ	500U	500U	500U	500U	500U	500U	550U	900U	700UJ	800U	500U	890U	500U
PCB - 1232 (Aroclor 1232)	890UJ	500U	500U	500U	500U	500U	500U	550U	900U	700UJ	800U	500U	890U	500U
PCB - 1248 (Aroclor 1248)	890UJ	500U	500U	500U	500U	500U	500U	550U	900U	700UJ	800U	500U	890U	500U
PCB - 1260 (Aroclor 1260)	890UJ	500U	500U	500U	500U	500U	500U	550U	900U	700UJ	800U	500U	890U	500U
PCB - 1016 (Aroclor 1016)	890UJ	500U	500U	500U	500U	500U	500U	550U	900U	700UJ	800U	500U	890U	500U
toxaphene	7100UJ	3000U	3100U	4800U	3800U	3000U	3000U	3600U	4600U	5600UJ	6400U	4200U	7100U	3000U
chlordene														
alpha-chlordene														
beta-chlordene														
gamma-chlordene														
gamma-chlordane														
trans-nonachlor														
alpha-chlordane														
cis-nonachlor														
oxychlordane														
methoxychlor	350UJ	200U	200U	200U	200U	200U	200U	200U	230U	280UJ	320U	200U	360U	200U
endrin ketone	180UJ	84U	80U	130U	87U	60U	52U	90U	110U	140UJ	160U	73U	180U	67U
arochlor	890UJ	350U	340U	440U	430U	300U	46J	470U	580U	130J	800U	46J	130J	26J

Compound	Stations													
	BR015	BR016	BR017	BR018	BR019	BR020	BR021	BR022	BR023	BR024	BR025	BR026	BR027	BR028
aldrin	50U	50U	94U	50U	50U	50U	50U	50U	50U	130U	50U	110U	130U	79U
heptachlor	50U	50U	50U	50U	50U	50U	50U	50U	50U	130U	50U	110U	130U	79U
heptachlor epoxide	50U	50U	50U	50U	50U	50U	50U	50U	50U	130U	50U	110U	130U	79U
alpha-bhc	50U	50U	50U	50U	50U	50U	50U	50U	50U	130U	50U	110U	130U	79U
beta-bhc	50U	50U	50U	50U	50U	50U	50U	50U	50U	130U	50U	110U	130U	79U
gamma-bhc (lindane)	50U	50U	50U	50U	50U	50U	50U	50U	50U	130U	50U	110U	130U	79U
delta-bhc	50U	50U	94U	50U	180U	190U	50U	89U	50U	130U	50U	220U	130U	150U
endosulfan I (alpha)	50U	50U	50U	50U	50U	50U	50U	50U	50U	130U	50U	110U	130U	79U
dieldrin	50U	50U	50U	50U	50U	50U	50U	50U	50U	130U	50U	110U	130U	79U
4, 4' - DDT (P, P' -DDT)	50U	130U	94U	91U	86U	110U	110U	89U	99U	130U	80U	110U	130U	79U
4, 4' - DDE (P, P' -DDE)	50U	50U	50U	50U	50U	50U	50U	50U	50U	130U	50U	110U	130U	79U
4, 4' - DDD (P, P' -DDD)	50U	130U	50U	91U	50U	50U	110U	50U	50U	130U	80U	110U	130U	79U
endrin	50U	130U	94U	91U	86U	110U	110U	89U	50U	130U	80U	110U	130U	79U
endosulfan II (beta)	50U	130U	50U	91U	50U	50U	110U	50U	99U	130U	80U	110U	130U	79U
endosulfan sulfate	50U	130U	94U	91U	86U	110U	110U	50U	50U	130U	80U	110U	130U	79U
chlordane (tech. mixture)	200U	320U	200U	200U	200U	200U	280U	200U	200U	330U	200U	200U	340U	200U
PCB - 1242 (Aroclor 1242)	500U	630U	710U	680U	700U	740U	570U	530U	720U	670U	500U	680U	670U	660U
PCB - 1254 (Aroclor 1254)	500U	630U	710U	680U	700U	740U	570U	530U	720U	670U	500U	680U	670U	660U
PCB - 1221 (Aroclor 1221)	500U	630U	710U	680U	700U	740U	570U	530U	720U	670U	500U	680U	670U	660U
PCB - 1232 (Aroclor 1232)	500U	630U	710U	680U	700U	740U	570U	530U	720U	670U	500U	680U	670U	660U
PCB - 1248 (Aroclor 1248)	500U	630U	710U	680U	700U	740U	570U	530U	720U	670U	500U	680U	670U	660U
PCB - 1260 (Aroclor 1260)	500U	630U	710U	680U	700U	740U	570U	530U	720U	670U	500U	680U	670U	660U
PCB - 1016 (Aroclor 1016)	500U	630U	710U	680U	700U	740U	570U	530U	720U	670U	500U	680U	670U	660U
toxaphene	3000U	5100U	3000U	4200U	3000U	3000U	4500U	3000U	4900U	5300U	3200U	3000U	5400U	3200U
chlordene														
alpha-chlordene														
beta-chlordene														
gamma-chlordene														
gamma-chlordane														
trans-nonachlor														
alpha-chlordane														
cis-nonachlor														
oxychlordane														
methoxychlor	200U	250U	200U	200U	200U	200U	230U	200U	200U	270U	200U	200U	270U	200U
endrin ketone	50U	130U	94U	91U	86U	110U	110U	89U	99U	130U	80U	110U	130U	79U
arochlor	22J	600J	36J	600	50J	61J	690J	46J	770	330J	290J	130J	510J	93J

BRUNSWICK COMMUNITY BASED STUDY
APPENDIX C-2: PCB's & Pesticides in Marsh Sediment - 12/95 (cont.)

Compound	Stations													
	BR029	BR030	BR031	BR032	BR033	BR034	BR035	BR036	BR037	BR038	BR039	BR040	BR041	BR042
aldrin	110U	88U	50U	150U	50U	86U	50U	110U	50UJ	84U	50U	50U	50U	140U
heptachlor	110U	88U	50U	150U	50U	86U	50U	50U	50UJ	84U	50U	50U	50U	140U
heptachlor epoxide	110U	88U	50U	150U	50U	86U	50U	110U	50UJ	84U	50U	50U	50U	140U
alpha-bhc	110U	88U	50U	150U	50U	86U	50U	50U	50UJ	84U	50U	50U	50U	140U
beta-bhc	110U	88U	50U	150U	50U	86U	50U	50U	50UJ	84U	50U	50U	50U	140U
gamma-bhc (lindane)	110U	88U	50U	150U	50U	86U	50U	50U	50UJ	84U	50U	50U	50U	140U
delta-bhc	210U	140U	50U	150U	50U	86U	150U	110U	50UJ	84U	50U	50U	50U	140U
endosulfan I (alpha)	110U	88U	50U	150U	50U	86U	50U	50U	50UJ	84U	50U	50U	50U	140U
dieldrin	110U	88U	50U	150U	50U	86U	50U	50U	50UJ	84U	50U	50U	50U	140U
4, 4' - DDT (P, P' -DDT)	110U	88U	69U	150U	50U	86U	85U	110U	97UJ	84U	50U	100U	50U	140U
4, 4' - DDE (P, P' -DDE)	110U	88U	69U	150U	50U	86U	50U	50U	97UJ	84U	50U	50U	50U	140U
4, 4' - DDD (P, P' -DDD)	110U	88U	69U	150U	50U	86U	50U	110U	97UJ	84U	50U	100U	50U	140U
endrin	110U	88U	69U	150U	50U	86U	50U	110U	97UJ	84U	50U	100U	50U	140U
endosulfan II (beta)	110U	88U	69U	150U	50U	86U	50U	110U	97UJ	84U	61U	100U	50U	140U
endosulfan sulfate	110U	88U	69U	150U	50U	86U	50U	110U	97UJ	84U	50U	100U	50U	140U
chlordane (tech. mixture)	200U	200U	200U	370U	200U	200U	200U	200U	240UJ	210U	200U	250U	200U	340U
PCB - 1242 (Aroclor 1242)	1000U	550U	500U	740U	500U	550U	540U	800U	480UJ	1100U	500U	500U	500U	680U
PCB - 1254 (Aroclor 1254)	1000U	550U	500U	740U	500U	550U	540U	800U	480UJ	1100U	500U	500U	500U	680U
PCB - 1221 (Aroclor 1221)	1000U	550U	500U	740U	500U	550U	540U	800U	480UJ	1100U	500U	500U	500U	680U
PCB - 1232 (Aroclor 1232)	1000U	550U	500U	740U	500U	550U	540U	800U	480UJ	1100U	500U	500U	500U	680U
PCB - 1248 (Aroclor 1248)	1000U	550U	500U	740U	500U	550U	540U	800U	480UJ	1100U	500U	500U	500U	680U
PCB - 1260 (Aroclor 1260)	1000U	550U	500U	740U	500U	550U	540U	800U	480UJ	1100U	500U	500U	500U	680U
PCB - 1016 (Aroclor 1016)	1000U	550U	500U	740U	500U	550U	540U	800U	480UJ	1100U	500U	500U	500U	680U
toxaphene	3000U	3000U	3300U	5900U	3000U	3500U	3000U	3000U	3900UJ	3000U	3000U	4000U	4000U	540U
chlordene														
alpha-chlordene														
beta-chlordene														
gamma-chlordene														
gamma-chlordane														
trans-nonachlor														
alpha-chlordane														
cis-nonachlor														
oxychlordane														
methoxychlor	200U	200U	200U	300U	200U	200U	200U	200U	190UJ	810U	200U	200U	200U	270U
endrin ketone	110U	88U	69U	150U	50U	86U	85U	110U	97UJ	84U	50U	100U	50U	140U
arochlor	32J	36J	160J	890J	44J	72J	33J	50J	480UJ	4200	250U	570J	47J	200J

Compound	Stations													
	BR043	BR044	BR045	BR046	BR047	BR048	BR049	BR050	BR051	BR052	BR053	BR054	BR055	BR056
aldrin	50U	50U	50U	50U	50UJ	50U	50UJ	50UJ	50U	50U	50UJ	65U	50U	50U
heptachlor	50U	50U	50U	50U	50UJ	50U	50UJ	50UJ	50U	50U	50UJ	65U	50U	50U
heptachlor epoxide	50U	50U	50U	50U	50UJ	50U	50UJ	50UJ	50U	50U	50UJ	65U	50U	50U
alpha-bhc	50U	50U	50U	50U	50UJ	50U	50UJ	50UJ	50U	50U	50UJ	65U	50U	50U
beta-bhc	50U	50U	50U	50U	50UJ	50U	50UJ	50UJ	50U	50U	50UJ	65U	50U	50U
gamma-bhc (lindane)	50U	50U	50U	50U	50UJ	50U	50UJ	50UJ	50U	50U	50UJ	65U	50U	50U
delta-bhc	50U	50U	50U	50U	50UJ	100U	50UJ	50UJ	50U	50U	50UJ	65U	50U	120U
endosulfan I (alpha)	50U	50U	50U	50U	50UJ	50U	50UJ	50UJ	50U	50U	50UJ	65U	50U	50U
dieldrin	50U	50U	50U	54U	50UJ	50U	50UJ	50UJ	50U	50U	50UJ	160U	50U	50U
4, 4' - DDT (P, P' -DDT)	50U	110U	50U	50U	70UJ	100U	50UJ	120UJ	50U	110U	94UJ	160U	72U	120U
4, 4' - DDE (P, P' -DDE)	50U	110U	50U	50U	70UJ	100U	50UJ	120UJ	50U	110U	94UJ	160U	72U	120U
4, 4' - DDD (P, P' -DDD)	50U	110U	50U	50U	70UJ	100U	50UJ	120UJ	50U	110U	94UJ	160U	72U	120U
endrin	50U	110U	50U	50U	70UJ	100U	50UJ	120UJ	50U	110U	94UJ	160U	72U	120U
endosulfan II (beta)	50U	110U	50U	50U	70UJ	100U	50UJ	120UJ	50U	110U	94UJ	160U	72U	120U
endosulfan sulfate	50U	110U	50U	50U	70UJ	100U	50UJ	120UJ	50U	110U	94UJ	160U	72U	120U
chlordane (tech. mixture)	200U	200U	200U	200U	200UJ	200U	200UJ	290UJ	200U	280U	230UJ	410U	200U	310U
PCB - 1242 (Aroclor 1242)	500U	500U	500U	500U	500UJ	500U	500UJ	580UJ	500U	560U	500UJ	810U	500U	650U
PCB - 1254 (Aroclor 1254)	500U	500U	500U	500U	500UJ	500U	500UJ	580UJ	500U	560U	500UJ	810U	500U	650U
PCB - 1221 (Aroclor 1221)	500U	500U	500U	500U	500UJ	500U	500UJ	580UJ	500U	560U	500UJ	810U	500U	650U
PCB - 1232 (Aroclor 1232)	500U	500U	500U	500U	500UJ	500U	500UJ	580UJ	500U	560U	500UJ	810U	500U	650U
PCB - 1248 (Aroclor 1248)	500U	500U	500U	500U	500UJ	500U	500UJ	580UJ	500U	560U	500UJ	810U	500U	650U
PCB - 1260 (Aroclor 1260)	500U	500U	500U	500U	500UJ	500U	500UJ	580UJ	500U	560U	500UJ	810U	500U	650U
PCB - 1016 (Aroclor 1016)	500U	500U	500U	500U	500UJ	500U	500UJ	580UJ	500U	560U	500UJ	810U	500U	650U
toxaphene	3000U	4300U	3000U	3000U	3000UJ	3100U	3000UJ	4700UJ	3000U	4700U	3700UJ	6600U	3000U	5900U
chlordene														
alpha-chlordene														
beta-chlordene														
gamma-chlordene														
gamma-chlordane														
trans-nonachlor														
alpha-chlordane														
cis-nonachlor														
oxychlordane														
methoxychlor	200U	200U	200U	200U	200UJ	200U	200UJ	230UJ	200U	220U	200UJ	320U	200U	250U
endrin ketone	50U	100U	50U	50U	70UJ	100U	50UJ	120UJ	50U	110U	94UJ	160U	72U	120U
arochlor	17J	38J	46J	94J	48J	54J	180UJ	620UJ	78	580U	470UJ	870U	56J	680U

BRUNSWICK COMMUNITY BASED STUDY
APPENDIX C-2: PCB's & Pesticides in Marsh Sediment - 12/95 (cont.)

Compound	Stations													
	BR057	BR058	BR059	BR060	BR061	BR062	BR063	BR064	BR065	BR066	BR067	BR068	BR069	BR070
aldrin	50UJ	50UJ	50U	50UJ	50U	50UJ	50U	50U	50U	50U	50UJ	50UJ	50UJ	50U
heptachlor	50UJ	50UJ	50U	50UJ	50U	50UJ	50U	50U	50U	50U	50UJ	50UJ	50UJ	50U
heptachlor epoxide	50UJ	50UJ	50U	50UJ	50U	50UJ	50U	50U	50U	50U	50UJ	50UJ	50UJ	50U
alpha-bhc	50UJ	50UJ	50U	50UJ	50U	50UJ	50U	50U	50U	50U	50UJ	50UJ	50UJ	50U
beta-bhc	50UJ	50UJ	50U	50UJ	50U	50UJ	50U	50U	50U	50U	50UJ	50UJ	50UJ	50U
gamma-bhc (lindane)	50UJ	50UJ	50U	50UJ	50U	50UJ	50U	50U	50U	50U	50UJ	50UJ	50UJ	50U
delta-bhc	50UJ	50UJ	50U	50UJ	50U	50UJ	50U	50U	50U	50U	50UJ	50UJ	50UJ	50U
endosulfan I (alpha)	50UJ	50UJ	50U	50UJ	50U	50UJ	50U	50U	50U	50U	50UJ	50UJ	50UJ	50U
dieldrin	50UJ	50UJ	50U	50UJ	50U	50UJ	50U	50U	50U	50U	50UJ	50UJ	50UJ	50U
4, 4' - DDT (P, P' -DDT)	100UJ	130UJ	97U	63UJ	50U	120UJ	120U	50U	50U	100U	110UJ	76UJ	120UJ	50U
4, 4' - DDE (P, P' -DDE)	100UJ	130UJ	97U	63UJ	50U	120UJ	120U	50U	50U	100U	110UJ	76UJ	120UJ	50U
4, 4' - DDD (P, P' -DDD)	100UJ	130UJ	97U	63UJ	50U	120UJ	120U	50U	50U	100U	110UJ	76UJ	120UJ	50U
endrin	100UJ	130UJ	97U	63UJ	50U	120UJ	120U	50U	50U	100U	110UJ	76UJ	120UJ	50U
endosulfan II (beta)	100UJ	130UJ	97U	63UJ	50U	120UJ	120U	50U	50U	100U	110UJ	76UJ	120UJ	50U
endosulfan sulfate	100UJ	130UJ	97U	63UJ	50U	120UJ	120U	50U	50U	100U	110UJ	76UJ	120UJ	50U
chlordane (tech. mixture)	260UJ	320UJ	240U	200UJ	200U	300UJ	310U	200U	200U	260U	260UJ	200UJ	310UJ	200U
PCB - 1242 (Aroclor 1242)	520UJ	640UJ	510U	500UJ	500U	600UJ	910U	500U	500U	520U	530UJ	500UJ	610UJ	500U
PCB - 1254 (Aroclor 1254)	520UJ	640UJ	510U	500UJ	500U	600UJ	910U	500U	500U	520U	530UJ	500UJ	610UJ	500U
PCB - 1221 (Aroclor 1221)	520UJ	640UJ	510U	500UJ	500U	600UJ	910U	500U	500U	520U	530UJ	500UJ	610UJ	500U
PCB - 1232 (Aroclor 1232)	520UJ	640UJ	510U	500UJ	500U	600UJ	910U	500U	500U	520U	530UJ	500UJ	610UJ	500U
PCB - 1248 (Aroclor 1248)	520UJ	640UJ	510U	500UJ	500U	600UJ	910U	500U	500U	520U	530UJ	500UJ	610UJ	500U
PCB - 1260 (Aroclor 1260)	520UJ	640UJ	510U	500UJ	500U	600UJ	910U	500U	500U	520U	530UJ	500UJ	610UJ	500U
PCB - 1016 (Aroclor 1016)	520UJ	640UJ	510U	500UJ	500U	600UJ	910U	500U	500U	520U	530UJ	500UJ	610UJ	500U
toxaphene	4100UJ	5100UJ	4100U	3000UJ	3000U	4800UJ	5300U	3000U	3000U	4100U	4200UJ	3100UJ	4900UJ	3000U
chlordene														
alpha-chlordene														
beta-chlordene														
gamma-chlordene														
gamma-chlordane														
trans-nonachlor														
alpha-chlordane														
cis-nonachlor														
oxychlordane														
methoxychlor	210UJ	260UJ	200U	200UJ	200U	240UJ	240U	200U	200U	210U	210UJ	200UJ	240UJ	200U
endrin ketone	100UJ	130UJ	97U	63UJ	50U	120UJ	120U	50U	50U	100U	110UJ	76UJ	120UJ	50U
arochlor	170J	180J	94J	320UJ	42J	100J	76J	89J	45J	88J	110J	38U	200J	62J

Compound	BR071	BR072	BR073	BR074	BR075	BR076	BR077	BR078	BR079	BR080
aldrin	50U	50U	50U	50U	50U	50U	50U	50UJ	50U	140U
heptachlor	50U	50U	50U	50U	50U	50U	50U	50UJ	50U	140U
heptachlor epoxide	50U	50U	50U	50U	50U	50U	50U	50UJ	50U	140U
alpha-bhc	50U	50U	50U	50U	50U	50U	50U	50UJ	50U	140U
beta-bhc	50U	50U	50U	50U	50U	50U	50U	50UJ	50U	140U
gamma-bhc (lindane)	50U	50U	50U	50U	50U	50U	50U	50UJ	50U	140U
delta-bhc	50U	150U	50U	50U	50U	50U	50U	50UJ	50U	140U
endosulfan I (alpha)	50U	50U	50U	50U	50U	50U	50U	50UJ	50U	140U
dieldrin	50U	50U	50U	50U	50U	50U	50U	50UJ	50U	140U
4, 4' - DDT (P, P' -DDT)	50U	50U	50U	50U	50U	50U	61U	110UJ	81U	140U
4, 4' - DDE (P, P' -DDE)	50U	50U	50U	50U	50U	50U	50U	110UJ	81U	140U
4, 4' - DDD (P, P' -DDD)	50U	50U	50U	50U	50U	50U	50U	110UJ	81U	140U
endrin	50U	50U	50U	50U	50U	50U	50U	110UJ	81U	140U
endosulfan II (beta)	50U	50U	63U	50U	50U	50U	50U	110UJ	81U	140U
endosulfan sulfate	50U	50U	63U	50U	50U	50U	61U	110UJ	81U	140U
chlordane (tech. mixture)	200U	200U	200U	200U	200U	200U	200U	290UJ	200U	340U
PCB - 1242 (Aroclor 1242)	500U	500U	500U	500U	500U	500U	500U	570UJ	500U	730U
PCB - 1254 (Aroclor 1254)	500U	500U	500U	500U	500U	500U	500U	570UJ	500U	730U
PCB - 1221 (Aroclor 1221)	500U	500U	500U	500U	500U	500U	500U	570UJ	500U	730U
PCB - 1232 (Aroclor 1232)	500U	500U	500U	500U	500U	500U	500U	570UJ	500U	730U
PCB - 1248 (Aroclor 1248)	500U	500U	500U	500U	500U	500U	500U	570UJ	500U	730U
PCB - 1260 (Aroclor 1260)	500U	500U	500U	500U	500U	500U	500U	570UJ	500U	730U
PCB - 1016 (Aroclor 1016)	500U	500U	500U	500U	500U	500U	500U	570UJ	500U	730U
toxaphene	3000U	3200U	3000U	3000U	3000U	3000U	3000U	4600UJ	3200U	5800U
chlordene										
alpha-chlordene										
beta-chlordene										
gamma-chlordene										
gamma-chlordane										
trans-nonachlor										
alpha-chlordane										
cis-nonachlor										
oxychlordane										
methoxychlor	200U	200U	200U	200U	200U	200U	200U	230UJ	200U	270U
endrin ketone	50U	50U	63U	50U	50U	50U	61U	110UJ	81U	140U
arochlor	70J	69J	140J	500	33J	91J	65J	610U	140J	62J

BRUNSWICK COMMUNITY BASED STUDY
APPENDIX C-2: PCB's & Pesticides in Marsh Sediment - 12/95 (cont.)

Stations with QAQC Samples

Compound	BR010	BR035	BR040	BR050	BR060	BR061	BR080
aldrin	140U	50U	50U	50U	50UJ	50U	50U
heptachlor	140U	50U	50U	50U	50UJ	50U	50U
heptachlor epoxide	140U	50U	50U	50U	50UJ	50U	50U
alpha-bhc	140U	50U	50U	50U	50UJ	50U	50U
beta-bhc	140U	50U	50U	50U	50UJ	50U	50U
gamma-bhc (lindane)	140U	50U	50U	50U	50UJ	50U	50U
delta-bhc	140U	160U	50U	50U	50UJ	50U	50U
endosulfan I (alpha)	140U	50U	50U	50U	50UJ	50U	50U
dieldrin	140U	50U	50U	50U	50UJ	50U	50U
4, 4' - DDT (P, P' -DDT)	140U	50U	97U	110U	71UJ	50U	110U
4, 4' - DDE (P, P' -DDE)	140U	50U	97U	110U	71UJ	50U	110U
4, 4' - DDD (P, P' -DDD)	140U	50U	97U	110U	71UJ	50U	110U
endrin	140U	50U	97U	110U	71UJ	50U	110U
endosulfan II (beta)	140U	50U	97U	110U	71UJ	50U	110U
endosulfan sulfate	140U	50U	97U	110U	71UJ	50U	110U
chlordane (tech. mixture)	340U	200U	240U	280U	200UJ	200U	280U
PCB - 1242 (Aroclor 1242)	690U	660U	500U	540U	500UJ	500U	560U
PCB - 1254 (Aroclor 1254)	690U	660U	500U	540U	500UJ	500U	560U
PCB - 1221 (Aroclor 1221)	690U	660U	500U	540U	500UJ	500U	560U
PCB - 1232 (Aroclor 1232)	690U	660U	500U	540U	500UJ	500U	560U
PCB - 1248 (Aroclor 1248)	690U	660U	500U	540U	500UJ	500U	560U
PCB - 1260 (Aroclor 1260)	690U	660U	500U	540U	500UJ	500U	560U
PCB - 1016 (Aroclor 1016)	690U	660U	500U	540U	500UJ	500U	560U
toxaphene	5500U	3000U	3900U	4800U	3000UJ	3000U	4500U
chlordene							
alpha-chlordene							
beta-chlordene							
gamma-chlordene							
gamma-chlordane							
trans-nonachlor							
alpha-chlordane							
cis-nonachlor							
oxychlordane							
methoxychlor	270U	200U	200U	220U	200U	200U	220U
endrin ketone	140U	71U	97U	110U	71U	50U	110U
arochlor	440J	31J	530J	590U	350UJ	32J	83J

BRUNSWICK COMMUNITY BASED STUDY
APPENDIX C-3: Extractable Organics in Marsh Sediments - 12/95

Compound	Stations													
	BR001	BR002	BR003	BR004	BR005	BR006	BR007	BR008	BR009	BR010	BR011	BR012	BR013	BR014
(3-&/or 4-) methylphenol	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
1, 2, 4-trichlorobenzene	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
2, 2'-chloroisopropylether	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
2, 3, 4, 6-tetrachlorophenol	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
2, 4, 5-trichlorophenol	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
2, 4, 6-trichlorophenol	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
2, 4-dichlorophenol	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
2 ,4-dimethylphenol	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
2, 4-dinitrophenol	8100U	5300U	5000U	6700U	6900U	4600U	4100U	7100U	9100U	5900U	7800U	5800U	7900U	4300U
2, 4-dinitrotoluene	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
2, 6-dinitrotoluene	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
2-chloronaphthalene	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
2-chlorophenol	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
2-methyl-4, 6-dinitrophenol	8100U	5300U	5000U	6700U	6900U	4600U	4100U	7100U	9100U	5900U	7800U	5800U	7900U	4300U
2-methylnaphthalene	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
2-methylphenol	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
2-nitroaniline	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
2-nitrophenol	4000U	5300U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	7800U	2900U	4000U	2200U
3, 3'-dichlorobenzidine	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
3-nitroaniline	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
4-bromophenyl phenyl ether	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
4-chloro-3-methylphenol	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
4-chloroaniline	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
4-chlorophenyl phenyl ether	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
4-nitroaniline	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
4-nitrophenol	8100U	5300U	5000U	6700U	6900U	4600U	4100U	7100U	9100U	5900U	7800U	5800U	7900U	4300U
acenaphthene	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
acenaphthylene	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
anthracene	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
benzo(a)anthracene	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
benzo(b &/or k) fluoranthene	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
benzo(ghi)perylene	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
benzo-a-pyrene	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
benzyl butyl phthalate	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
bis (2-chloroethoxy) methane	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
bis (2-chloroethyl) ether	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
bis (2-ethylhexyl) phthalate	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
carbazole	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
chrysene	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
di-n-butylphthalate	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
di-n-octylphthalate	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
dibenzo (a, h) anthracene	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
dibenzofuran	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
diethyl phthalate	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
dimethyl phthalate	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
fluoranthene	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
fluorene	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
hexachlorobenzene (hcb)	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
hexachlorobutadiene	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
hexachlorocyclopentadiene (hccp)	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
hexachloroethane	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
indeno (1, 2, 3-cd) pyrene	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
isophorone	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
n-nitrosodi-n-propylamine	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
n-nitrosodiphenylamine/diphenylamine	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
naphthalene	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
nitrobenzene	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
pentachlorophenol	8100U	5300U	5000U	6700U	6900U	4600U	4100U	7100U	9100U	5900U	7800U	5800U	7900U	4300U
phenanthrene	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
phenol	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
pyrene	4000U	2700U	2500U	3400U	3500U	2300U	2100U	3500U	4600U	2900U	3900U	2900U	4000U	2200U
cyclododecanol														
decanoic acid, decyl ester								10000JN				4000JN		
dimethylbinaphthalene								5000JN						
dimethylheptanone											8000JN	6000JN		3000JN
hexadecanoic acid	10000JN		7000JN			6000JN	5000JN	10000JN	10000JN			20000JN		80000JN
hexadecenoic acid	6000JN		7000JN			4000JN	4000JN	10000JN	7000JN					5000JN
methaqualone														
pentadecanoic acid												10000JN		
tetradecanoic acid												4000JN		

BRUNSWICK COMMUNITY BASED STUDY
APPENDIX C-3: Extractable Organics in Marsh Sediments - 12/95 (cont.)

Compound	Stations													
	BR015	BR016	BR017	BR018	BR019	BR020	BR021	BR022	BR023	BR024	BR025	BR026	BR027	BR028
(3-&/or 4-) methylphenol	1100U	2700U	2300U	3000U	2300U	2300U	2300U	2000U	2100U	2900U	1700U	2700U	2900U	1900U
1, 2, 4-trichlorobenzene	1100U	2700UJ	2300U	3000U	2300U	2300U	2300UJ	2000U	2100U	2900UJ	1700U	2700U	2900UJ	1900U
2, 2'-chloroisopropylether	1100U	2700UJ	2300U	3000U	2300U	2300U	2300UJ	2000U	2100U	2900UJ	1700U	2700U	2900UJ	1900U
2, 3, 4, 6-tetrachlorophenol	1100U	2700U	2300U	3000U	2300U	2300U	2300U	2000U	2100U	2900U	1700U	2700U	2900U	1900U
2, 4, 5-trichlorophenol	1100U	2700U	2300U	3000U	2300U	2300U	2300U	2000U	2100U	2900U	1700U	2700U	2900U	1900U
2, 4, 6-trichlorophenol	1100U	2700U	2300U	3000U	2300U	2300U	2300U	2000U	2100U	2900U	1700U	2700U	2900U	1900U
2, 4-dichlorophenol	1100U	2700U	2300U	3000U	2300U	2300U	2300U	2000U	2100U	2900U	1700U	2700U	2900U	1900U
2 ,4-dimethylphenol	1100U	2700U	2300U	3000U	2300U	2300U	2300U	2000U	2100U	2900U	1700U	2700U	2900U	1900U
2, 4-dinitrophenol	2100U	5300U	4700U	6100U	4600U	4600U	4600U	4000U	4100U	5800U	3400U	5500U	5800U	3800U
2, 4-dinitrotoluene	1100U	2700UJ	2300U	3000U	2300U	2300U	2300UJ	2000U	2100U	2900UJ	1700U	2700U	2900UJ	1900U
2, 6-dinitrotoluene	1100U	2700UJ	2300U	3000U	2300U	2300U	2300UJ	2000U	2100U	2900UJ	1700U	2700U	2900UJ	1900U
2-chloronaphthalene	1100U	2700UJ	2300U	3000U	2300U	2300U	2300UJ	2000U	2100U	2900UJ	1700U	2700U	2900UJ	1900U
2-chlorophenol	1100U	2700U	2300U	3000U	2300U	2300U	2300U	2000U	2100U	2900U	1700U	2700U	2900U	1900U
2-methyl-4, 6-dinitrophenol	2100U	5300U	4700U	6100U	4600U	4600U	4600U	4000U	4100U	5800U	3400U	5500U	5800U	3800U
2-methylnaphthalene	1100U	2700UJ	2300U	3000U	2300U	2300U	2300UJ	2000U	2100U	2900UJ	1700U	2700U	2900UJ	1900U
2-methylphenol	1100U	2700U	2300U	3000U	2300U	2300U	2300U	2000U	2100U	2900U	1700U	2700U	2900U	1900U
2-nitroaniline	1100U	2700UJ	2300U	3000U	2300U	2300U	2300UJ	2000U	2100U	2900UJ	1700U	2700U	2900UJ	1900U
2-nitrophenol	1100U	2700U	2300U	3000U	2300U	2300U	2300U	2000U	2100U	2900U	1700U	5500U	2900U	1900U
3, 3'-dichlorobenzidine	1100U	2700U	2300U	3000U	2300U	2300U	2300UJ	2000U	2100U	2900UJ	1700U	2700U	2900UJ	1900U
3-nitroaniline	1100U	2700U	2300U	3000U	2300U	2300U	2300UJ	2000U	2100U	2900UJ	1700U	2700U	2900UJ	1900U
4-bromophenyl phenyl ether	1100U	2700UJ	2300U	3000U	2300U	2300U	2300UJ	2000U	2100U	2900UJ	1700U	2700U	2900UJ	1900U
4-chloro-3-methylphenol	1100U	2700U	2300U	3000U	2300U	2300U	2300U	2000U	2100U	2900U	1700U	2700U	2900U	1900U
4-chloroaniline	1100U	2700UJ	2300U	3000U	2300U	2300U	2300UJ	2000U	2100U	2900UJ	1700U	2700U	2900UJ	1900U
4-chlorophenyl phenyl ether	1100U	2700UJ	2300U	3000U	2300U	2300U	2300UJ	2000U	2100U	2900UJ	1700U	2700U	2900UJ	1900U
4-nitroaniline	1100U	2700UJ	2300U	3000U	2300U	2300U	2300UJ	2000U	2100U	2900UJ	1700U	2700U	2900UJ	1900U
4-nitrophenol	2100U	5300U	4700U	6100U	4600U	4600U	4600U	4000U	4100U	5800U	3400U	5500U	5800U	3800U
acenaphthene	1100U	2700UJ	2300U	3000U	2300U	2300U	2300UJ	2000U	2100U	2900UJ	1700U	2700U	2900UJ	1900U
acenaphthylene	1100U	2700UJ	2300U	3000U	2300U	2300U	2300UJ	2000U	2100U	2900UJ	1700U	2700U	2900UJ	1900U
anthracene	1100U	2700UJ	2300U	3000U	2300U	2300U	2300UJ	2000U	2100U	2900UJ	1700U	2700U	2900UJ	1900U
benzo(a)anthracene	1100U	2700UJ	2300U	3000U	2300U	2300U	2300UJ	2000U	2100U	2900UJ	1700U	2700U	2900UJ	1900U
benzo(b &/or k) fluoranthene	1100U	2700UJ	2300U	3000U	2300U	2300U	2300UJ	2000U	2100U	2900UJ	1700U	2700U	2900UJ	1900U
benzo(ghi)perylene	1100U	2700UJ	2300U	3000U	2300U	2300U	2300UJ	2000U	2100U	2900UJ	1700U	2700U	2900UJ	1900U
benzo-a-pyrene	1100U	2700UJ	2300U	3000U	2300U	2300U	2300UJ	2000U	2100U	2900UJ	1700U	2700U	2900UJ	1900U
benzyl butyl phthalate	1100U	2700UJ	2300U	3000U	2300U	2300U	2300UJ	2000U	2100U	2900UJ	1700U	2700U	2900UJ	1900U
bis (2-chloroethoxy) methane	1100U	2700UJ	2300U	3000U	2300U	2300U	2300UJ	2000U	2100U	2900UJ	1700U	2700U	2900UJ	1900U
bis (2-chloroethyl) ether	1100U	2700UJ	2300U	3000U	2300U	2300U	2300UJ	2000U	2100U	2900UJ	1700U	2700U	2900UJ	1900U
bis (2-ethylhexyl) phthalate	1100U	2700UJ	2300U	3000U	2300U	2300U	2300UJ	2000U	2100U	2900UJ	1700U	2700U	2900UJ	1900U
carbazole	1100U	2700UJ	2300U	3000U	2300U	2300U	2300UJ	2000U	2100U	2900UJ	1700U	2700U	2900UJ	1900U
chrysene	1100U	2700UJ	2300U	3000U	2300U	2300U	2300UJ	2000U	2100U	2900UJ	1700U	2700U	2900UJ	1900U
di-n-butylphthalate	1100U	2700UJ	2300U	3000U	2300U	2300U	2300UJ	2000U	2100U	2900UJ	1700U	2700U	2900UJ	1900U
di-n-octylphthalate	1100U	2700UJ	2300U	3000U	2300U	2300U	2300UJ	2000U	2100U	2900UJ	1700U	2700U	2900UJ	1900U
dibenzo (a, h) anthracene	1100U	2700UJ	2300U	3000U	2300U	2300U	2300UJ	2000U	2100U	2900UJ	1700U	2700U	2900UJ	1900U
dibenzofuran	1100U	2700UJ	2300U	3000U	2300U	2300U	2300UJ	2000U	2100U	2900UJ	1700U	2700U	2900UJ	1900U
diethyl phthalate	1100U	2700UJ	2300U	3000U	2300U	2300U	2300UJ	2000U	2100U	2900UJ	1700U	2700U	2900UJ	1900U
dimethyl phthalate	1100U	2700UJ	2300U	3000U	2300U	2300U	2300UJ	2000U	2100U	2900UJ	1700U	2700U	2900UJ	1900U
fluoranthene	1100U	2700UJ	2300U	3000U	2300U	2300U	2300UJ	2000U	2100U	2900UJ	1700U	2700U	2900UJ	1900U
fluorene	1100U	2700UJ	2300U	3000U	2300U	2300U	2300UJ	2000U	2100U	2900UJ	1700U	2700U	2900UJ	1900U
hexachlorobenzene (hcb)	1100U	2700UJ	2300U	3000U	2300U	2300U	2300UJ	2000U	2100U	2900UJ	1700U	2700U	2900UJ	1900U
hexachlorobutadiene	1100U	2700UJ	2300U	3000U	2300U	2300U	2300UJ	2000U	2100U	2900UJ	1700U	2700U	2900UJ	1900U
hexachlorocyclopentadiene (hccp)	1100U	2700UJ	2300U	3000U	2300U	2300U	2300UJ	2000U	2100U	2900UJ	1700U	2700U	2900UJ	1900U
hexachloroethane	1100U	2700UJ	2300U	3000U	2300U	2300U	2300UJ	2000U	2100U	2900UJ	1700U	2700U	2900UJ	1900U
indeno (1, 2, 3-cd) pyrene	1100U	2700UJ	2300U	3000U	2300U	2300U	2300UJ	2000U	2100U	2900UJ	1700U	2700U	2900UJ	1900U
isophorone	1100U	2700UJ	2300U	3000U	2300U	2300U	2300UJ	2000U	2100U	2900UJ	1700U	2700U	2900UJ	1900U
n-nitrosodi-n-propylamine	1100U	2700UJ	2300U	3000U	2300U	2300U	2300UJ	2000U	2100U	2900UJ	1700U	2700U	2900UJ	1900U
n-nitrosodiphenylamine/diphenylamine	1100U	2700UJ	2300U	3000U	2300U	2300U	2300UJ	2000U	2100U	2900UJ	1700U	2700U	2900UJ	1900U
naphthalene	1100U	2700UJ	2300U	3000U	2300U	2300U	2300UJ	2000U	2100U	2900UJ	1700U	2700U	2900UJ	1900U
nitrobenzene	1100U	2700UJ	2300U	3000U	2300U	2300U	2300UJ	2000U	2100U	2900UJ	1700U	2700U	2900UJ	1900U
pentachlorophenol	2100U	5300U	4700U	6100U	4600U	4600U	4600U	4000U	4100U	5800U	3400U	5500U	5800U	3800U
phenanthrene	1100U	2700UJ	2300U	3000U	2300U	2300U	2300UJ	2000U	2100U	2900UJ	1700U	2700U	2900UJ	1900U
phenol	1100U	2700U	2300U	3000U	2300U	2300U	2300U	2000U	2100U	2900U	1700U	2700U	2900U	1900U
pyrene	1100U	2700UJ	2300U	3000U	2300U	2300U	2300UJ	2000U	2100U	2900UJ	1700U	2700U	2900UJ	1900U
cyclododecanol								3000JN						
decanoic acid, decyl ester														
dimethylbinaphthalene	5000JN													
dimethylheptanone														
hexadecanoic acid	9000JN		30000JN	5000JN	40000JN	20000JN	8000JN	9000JN			8000JN	7000JN	10000JN	
hexadecenoic acid	8000JN		30000JN	3000JN	10000JN	10000JN	4000JN	8000JN			10000JN			
methaqualone														
pentadecanoic acid			6000JN		9000JN	3000JN					4000JN			
tetradecanoic acid			7000JN		3000JN	3000JN					2000JN			

APPENDIX C-3: Extractable Organics in Marsh Sediments - 12/95 (cont.)

Compound	Stations													
	BR029	BR030	BR031	BR032	BR033	BR034	BR035	BR036	BR037	BR038	BR039	BR040	BR041	BR042
(3-&/or 4-) methylphenol	2700U	1800U	1400U	2900U	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
1, 2, 4-trichlorobenzene	2700U	1800U	1400U	2900UJ	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
2, 2'-chloroisopropylether	2700U	1800U	1400U	2900UJ	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
2, 3, 4, 6-tetrachlorophenol	2700U	1800U	1400U	2900U	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
2, 4, 5-trichlorophenol	2700U	1800U	1400U	2900U	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
2, 4, 6-trichlorophenol	2700U	1800U	1400U	2900U	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
2, 4-dichlorophenol	2700U	1800U	1400U	2900U	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
2 ,4-dimethylphenol	2700U	1800U	1400U	2900U	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
2, 4-dinitrophenol	5300U	3600U	2800U	5800U	2000U	4000U	3700U	5400U	4600U	5900U	3500U	4000U	3800U	6400U
2, 4-dinitrotoluene	2700U	1800U	1400U	2900UJ	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
2, 6-dinitrotoluene	2700U	1800U	1400U	2900UJ	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
2-chloronaphthalene	2700U	1800U	1400U	2900UJ	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
2-chlorophenol	2700U	1800U	1400U	2900U	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
2-methyl-4, 6-dinitrophenol	5300U	3600U	2800U	5800U	2000U	4000U	3700U	5400U	4600U	5900U	3500U	4000U	3800U	6400U
2-methylnaphthalene	2700U	1800U	1400U	2900UJ	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
2-methylphenol	2700U	1800U	1400U	2900U	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
2-nitroaniline	2700U	1800U	1400U	2900UJ	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
2-nitrophenol	5500U	3600U	2800U	2900U	1000U	2000U	1800U	5400U	2300U	2900U	1800U	2000U	1900U	3200U
3, 3'-dichlorobenzidine	2700U	1800U	1400U	2900UJ	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
3-nitroaniline	2700U	1800U	1400U	2900UJ	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
4-bromophenyl phenyl ether	2700U	1800U	1400U	2900UJ	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
4-chloro-3-methylphenol	2700U	1800U	1400U	2900U	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
4-chloroaniline	2700U	1800U	1400U	2900UJ	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
4-chlorophenyl phenyl ether	2700U	1800U	1400U	2900UJ	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
4-nitroaniline	2700U	1800U	1400U	2900UJ	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
4-nitrophenol	5300U	1800U	1400U	5800U	2000U	4000U	3700U	5400U	4600U	5900U	3500U	4000U	3800U	6400U
acenaphthene	2700U	1800U	1400U	2900UJ	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
acenaphthylene	2700U	1800U	1400U	2900UJ	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
anthracene	2700U	1800U	1400U	2900UJ	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
benzo(a)anthracene	2700U	1800U	1400U	2900UJ	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
benzo(b &/or k) fluoranthene	2700U	1800U	1400U	2900UJ	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
benzo(ghi)perylene	2700U	1800U	1400U	2900UJ	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
benzo-a-pyrene	2700U	1800U	1400U	2900UJ	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
benzyl butyl phthalate	2700U	1800U	1400U	2900UJ	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
bis (2-chloroethoxy) methane	2700U	1800U	1400U	2900UJ	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
bis (2-chloroethyl) ether	2700U	1800U	1400U	2900UJ	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
bis (2-ethylhexyl) phthalate	2700U	1800U	1400U	2900UJ	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
carbazole	2700U	1800U	1400U	2900UJ	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
chrysene	2700U	1800U	1400U	2900UJ	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
di-n-butylphthalate	2700U	1800U	1400U	2900UJ	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
di-n-octylphthalate	2700U	1800U	1400U	2900UJ	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
dibenzo (a, h) anthracene	2700U	1800U	1400U	2900UJ	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
dibenzofuran	2700U	1800U	1400U	2900UJ	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
diethyl phthalate	2700U	1800U	1400U	2900UJ	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
dimethyl phthalate	2700U	1800U	1400U	2900UJ	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
fluoranthene	2700U	1800U	1400U	2900UJ	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
fluorene	2700U	1800U	1400U	2900UJ	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
hexachlorobenzene (hcb)	2700U	1800U	1400U	2900UJ	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
hexachlorobutadiene	2700U	1800U	1400U	2900UJ	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
hexachlorocyclopentadiene (hccp)	2700U	1800U	1400U	2900UJ	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
hexachloroethane	2700U	1800U	1400U	2900UJ	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
indeno (1, 2, 3-cd) pyrene	2700U	1800U	1400U	2900UJ	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
isophorone	2700U	1800U	1400U	2900UJ	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
n-nitrosodi-n-propylamine	2700U	1800U	1400U	2900UJ	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
n-nitrosodiphenylamine/diphenylamine	2700U	1800U	1400U	2900UJ	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
naphthalene	2700U	1800U	1400U	2900UJ	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
nitrobenzene	2700U	1800U	1400U	2900UJ	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
pentachlorophenol	5300U	3600U	2800U	5800U	2000U	4000U	3700U	5400U	4600U	5900U	3500U	4000U	3800U	6400U
phenanthrene	2700U	1800U	1400U	2900UJ	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
phenol	2700U	1800U	1400U	2900U	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
pyrene	2700U	1800U	1400U	2900UJ	1000U	2000U	1800U	2700U	2300U	2900U	1800U	2000U	1900U	3200U
cyclododecanol					1000JN						4000JN			
decanoic acid, decyl ester														9000JN
dimethylbinaphthalene														
dimethylheptanone														
hexadecanoic acid	20000JN	10000JN	6000JN	4000JN	2000JN	4000JN	8000JN	9000JN	7000JN	2000JN	10000JN		5000JN	10000JN
hexadecenoic acid	20000JN	8000JN	4000JN				6000JN	5000JN	4000JN		10000JN		6000JN	9000JN
methaqualone			3000JN		1000JN									
pentadecanoic acid							4000JN	7000JN			4000JN			
tetradecanoic acid		2000JN									3000JN			

BRUNSWICK COMMUNITY BASED STUDY
APPENDIX C-3: Extractable Organics in Marsh Sediments - 12/95 (cont.)

Compound	Stations													
	BR043	BR044	BR045	BR046	BR047	BR048	BR049	BR050	BR051	BR052	BR053	BR054	BR055	BR056
(3-&/or 4-) methylphenol	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500U	1100U	2200U	1900U	3200U	2400U	2500U
1, 2, 4-trichlorobenzene	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500UJ	1100U	2200U	1900U	3200U	2400U	2500U
2, 2'-chloroisopropylether	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500UJ	1100U	2200U	1900U	3200U	2400U	2500U
2, 3, 4, 6-tetrachlorophenol	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500U	1100U	2200U	1900U	3200U	2400U	2500U
2, 4, 5-trichlorophenol	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500U	1100U	2200U	1900U	3200U	2400U	2500U
2, 4, 6-trichlorophenol	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500U	1100U	2200U	1900U	3200U	2400U	2500U
2, 4-dichlorophenol	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500U	1100U	2200U	1900U	3200U	2400U	2500U
2 ,4-dimethylphenol	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500U	1100U	2200U	1900U	3200U	2400U	2500U
2, 4-dinitrophenol	1700U	5100U	3900U	4100U	2800U	3100U	8900U	5000U	2100U	4500U	3800U	6400U	4700U	5000U
2, 4-dinitrotoluene	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500UJ	1100U	2200U	1900U	3200U	2400U	2500U
2, 6-dinitrotoluene	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500UJ	1100U	2200U	1900U	3200U	2400U	2500U
2-chloronaphthalene	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500UJ	1100U	2200U	1900U	3200U	2400U	2500U
2-chlorophenol	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500U	1100U	2200U	1900U	3200U	2400U	2500U
2-methyl-4, 6-dinitrophenol	1700U	5100U	3900U	4100U	2800U	3100U	8900U	5000U	2100U	4500U	3800U	6400U	4700U	5000U
2-methylnaphthalene	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500UJ	1100U	2200U	1900U	3200U	2400U	2500U
2-methylphenol	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500U	1100U	2200U	1900U	3200U	2400U	2500U
2-nitroaniline	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500UJ	1100U	2200U	1900U	3200U	2400U	2500U
2-nitrophenol	830U	2500U	1900U	2000U	2800U	3100U	8900U	2500U	1100U	2200U	1900U	3200U	2400U	2500U
3, 3'-dichlorobenzidine	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500UJ	1100U	2200U	1900U	3200U	2400U	2500U
3-nitroaniline	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500UJ	1100U	2200U	1900U	3200U	2400U	2500U
4-bromophenyl phenyl ether	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500UJ	1100U	2200U	1900U	3200U	2400U	2500U
4-chloro-3-methylphenol	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500U	1100U	2200U	1900U	3200U	2400U	2500U
4-chloroaniline	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500UJ	1100U	2200U	1900U	3200U	2400U	2500U
4-chlorophenyl phenyl ether	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500UJ	1100U	2200U	1900U	3200U	2400U	2500U
4-nitroaniline	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500UJ	1100U	2200U	1900U	3200U	2400U	2500U
4-nitrophenol	1700U	5100U	3900U	4100U	1400U	1500U	4400U	5000U	2100U	4500U	3800U	6400U	4700U	5000U
acenaphthene	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500UJ	1100U	2200U	1900U	3200U	2400U	2500U
acenaphthylene	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500UJ	1100U	2200U	1900U	3200U	2400U	2500U
anthracene	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500UJ	1100U	2200U	1900U	3200U	2400U	2500U
benzo(a)anthracene	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500UJ	1100U	2200U	1900U	3200U	2400U	2500U
benzo(b &/or k) fluoranthene	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500UJ	1100U	2200U	1900U	3200U	2400U	2500U
benzo(ghi)perylene	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500UJ	1100U	2200U	1900U	3200U	2400U	2500U
benzo-a-pyrene	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500UJ	1100U	2200U	1900U	3200U	2400U	2500U
benzyl butyl phthalate	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500UJ	1100U	2200U	1900U	3200U	2400U	2500U
bis (2-chloroethoxy) methane	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500UJ	1100U	2200U	1900U	3200U	2400U	2500U
bis (2-chloroethyl) ether	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500UJ	1100U	2200U	1900U	3200U	2400U	2500U
bis (2-ethylhexyl) phthalate	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500UJ	1100U	2200U	1900U	3200U	2400U	2500U
carbazole	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500UJ	1100U	2200U	1900U	3200U	2400U	2500U
chrysene	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500UJ	1100U	2200U	1900U	3200U	2400U	2500U
di-n-butylphthalate	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500UJ	1100U	4500U	1900U	6300U	4600U	5100U
di-n-octylphthalate	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500UJ	1100U	2200U	1900U	3200U	2400U	2500U
dibenzo (a, h) anthracene	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500UJ	1100U	2200U	1900U	3200U	2400U	2500U
dibenzofuran	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500UJ	1100U	2200U	1900U	3200U	2400U	2500U
diethyl phthalate	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500UJ	1100U	2200U	1900U	3200U	2400U	2500U
dimethyl phthalate	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500UJ	1100U	2200U	1900U	3200U	2400U	2500U
fluoranthene	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500UJ	1100U	2200U	1900U	3200U	2400U	2500U
fluorene	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500UJ	1100U	2200U	1900U	3200U	2400U	2500U
hexachlorobenzene (hcb)	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500UJ	1100U	2200U	1900U	3200U	2400U	2500U
hexachlorobutadiene	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500UJ	1100U	2200U	1900U	3200U	2400U	2500U
hexachlorocyclopentadiene (hccp)	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500UJ	1100U	2200U	1900U	3200U	2400U	2500U
hexachloroethane	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500UJ	1100U	2200U	1900U	3200U	2400U	2500U
indeno (1, 2, 3-cd) pyrene	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500UJ	1100U	2200U	1900U	3200U	2400U	2500U
isophorone	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500UJ	1100U	2200U	1900U	3200U	2400U	2500U
n-nitrosodi-n-propylamine	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500UJ	1100U	2200U	1900U	3200U	2400U	2500U
n-nitrosodiphenylamine/diphenylamine	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500UJ	1100U	2200U	1900U	3200U	2400U	2500U
naphthalene	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500UJ	1100U	2200U	1900U	3200U	2400U	2500U
nitrobenzene	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500UJ	1100U	2200U	1900U	3200U	2400U	2500U
pentachlorophenol	1700U	5100U	3900U	4100U	2800U	3100U	8900U	5000U	2100U	4500U	3800U	6400U	4700U	5000U
phenanthrene	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500UJ	1100U	2200U	1900U	3200U	2400U	2500U
phenol	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500U	1100U	2200U	1900U	3200U	2400U	2500U
pyrene	830U	2500U	1900U	2000U	1400U	1500U	4400U	2500UJ	1100U	2200U	1900U	3200U	2400U	2500U
cyclododecanol														
decanoic acid, decyl ester														
dimethylbinaphthalene														
dimethylheptanone														
hexadecanoic acid			4000JN	3000JN	4000JN	3000JN	10000JN			4000JN		7000JN	4000JN	6000JN
hexadecenoic acid			3000JN		4000JN	3000JN	7000JN			5000JN		10000JN	4000JN	8000JN
methaqualone														
pentadecanoic acid														
tetradecanoic acid														

BRUNSWICK COMMUNITY BASED STUDY
APPENDIX C-3: Extractable Organics in Marsh Sediments - 12/95 (cont.)

Compound	Stations													
	BR057	BR058	BR059	BR060	BR061	BR062	BR063	BR064	BR065	BR066	BR067	BR068	BR069	BR070
(3-&/or 4-) methylphenol	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	700J	2100U	1500U	2400U	2000U
1, 2, 4-trichlorobenzene	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
2, 2'-chloroisopropylether	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
2, 3, 4, 6-tetrachlorophenol	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
2, 4, 5-trichlorophenol	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
2, 4, 6-trichlorophenol	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
2, 4-dichlorophenol	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
2 ,4-dimethylphenol	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
2, 4-dinitrophenol	4100U	5100U	3900U	2500U	3600U	4800U	4700U	3200U	3600U	4100U	4200U	3100U	4900U	4000U
2, 4-dinitrotoluene	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
2, 6-dinitrotoluene	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
2-chloronaphthalene	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
2-chlorophenol	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
2-methyl-4, 6-dinitrophenol	4100U	5100U	3900U	2500U	3600U	4800U	4700U	3200U	3600U	4100U	4200U	3100U	4900U	4000U
2-methylnaphthalene	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
2-methylphenol	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
2-nitroaniline	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
2-nitrophenol	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	3100U	2400U	2000U
3, 3'-dichlorobenzidine	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
3-nitroaniline	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
4-bromophenyl phenyl ether	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
4-chloro-3-methylphenol	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
4-chloroaniline	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
4-chlorophenyl phenyl ether	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
4-nitroaniline	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
4-nitrophenol	4100U	5100U	3800U	2500U	3600U	4800U	4700U	3200U	3600U	4100U	4200U	1500U	4900U	4000U
acenaphthene	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
acenaphthylene	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
anthracene	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
benzo(a)anthracene	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
benzo(b &/or k) fluoranthene	2100U	2600U	1900U	130J	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
benzo(ghi)perylene	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
benzo-a-pyrene	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
benzyl butyl phthalate	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
bis (2-chloroethoxy) methane	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
bis (2-chloroethyl) ether	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
bis (2-ethylhexyl) phthalate	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
carbazole	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
chrysene	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
di-n-butylphthalate	2100U	2600U	5200U	180U	4600U	4800U	4000U	2500U	2700U	2000U	2100U	1500U	2400U	3400U
di-n-octylphthalate	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
dibenzo (a, h) anthracene	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
dibenzofuran	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
diethyl phthalate	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
dimethyl phthalate	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
fluoranthene	2100U	2600U	1900U	180J	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
fluorene	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
hexachlorobenzene (hcb)	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
hexachlorobutadiene	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
hexachlorocyclopentadiene (hccp)	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
hexachloroethane	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
indeno (1, 2, 3-cd) pyrene	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
isophorone	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
n-nitrosodi-n-propylamine	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
n-nitrosodiphenylamine/diphenylamine	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
naphthalene	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
nitrobenzene	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
pentachlorophenol	4100U	5100U	3900U	2500U	3600U	4800U	4700U	3200U	3600U	4100U	4200U	3100U	4900U	4000U
phenanthrene	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
phenol	2100U	2600U	1900U	1300U	1800U	2400U	2300U	1600U	1800U	490J	2100U	1500U	2400U	2000U
pyrene	2100U	2600U	1900U	150J	1800U	2400U	2300U	1600U	1800U	2000U	2100U	1500U	2400U	2000U
cyclododecanol														
decanoic acid, decyl ester														
dimethylbinaphthalene														
dimethylheptanone														
hexadecanoic acid	4000JN	7000JN	5000JN	4000JN	8000JN	6000JN	6000JN	3000JN	4000JN	4000JN	8000JN	4000JN	10000JN	6000JN
hexadecenoic acid		8000JN	3000JN	4000JN	20000JN	6000JN	9000JN	3000JN	6000JN	10000JN	10000JN		8000JN	10000JN
methaqualone														
pentadecanoic acid					3000JN									
tetradecanoic acid					4000JN									3000JN

BRUNSWICK COMMUNITY BASED STUDY
APPENDIX C-3: Extractable Organics in Marsh Sediments - 12/95 (cont.)

Compound	Stations									
	BR071	BR072	BR073	BR074	BR075	BR076	BR077	BR078	BR079	BR080
(3-&/or 4-) methylphenol	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
1, 2, 4-trichlorobenzene	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
2, 2'-chloroisopropylether	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
2, 3, 4, 6-tetrachlorophenol	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
2, 4, 5-trichlorophenol	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
2, 4, 6-trichlorophenol	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
2, 4-dichlorophenol	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
2 ,4-dimethylphenol	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
2, 4-dinitrophenol	3400U	3600U	4200U	1900U	3500U	3700U	4900U	4500U	3100U	5500U
2, 4-dinitrotoluene	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
2, 6-dinitrotoluene	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
2-chloronaphthalene	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
2-chlorophenol	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
2-methyl-4, 6-dinitrophenol	3400U	3600U	4200U	1900U	3500U	3700U	4900U	4500U	3100U	5500U
2-methylnaphthalene	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
2-methylphenol	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
2-nitroaniline	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
2-nitrophenol	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	5500U
3, 3'-dichlorobenzidine	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
3-nitroaniline	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
4-bromophenyl phenyl ether	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
4-chloro-3-methylphenol	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
4-chloroaniline	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
4-chlorophenyl phenyl ether	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
4-nitroaniline	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
4-nitrophenol	3400U	3600U	4200U	1900U	3500U	3700U	4900U	4500U	3100U	5500U
acenaphthene	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
acenaphthylene	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
anthracene	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
benzo(a)anthracene	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
benzo(b &/or k) fluoranthene	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
benzo(ghi)perylene	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
benzo-a-pyrene	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
benzyl butyl phthalate	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
bis (2-chloroethoxy) methane	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
bis (2-chloroethyl) ether	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
bis (2-ethylhexyl) phthalate	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
carbazole	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
chrysene	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
di-n-butylphthalate	2000U	2000U	2300U	1200U	2100U	2100U	3100U	2200U	1600U	2700U
di-n-octylphthalate	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
dibenzo (a, h) anthracene	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
dibenzofuran	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
diethyl phthalate	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
dimethyl phthalate	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
fluoranthene	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
fluorene	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
hexachlorobenzene (hcb)	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
hexachlorobutadiene	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
hexachlorocyclopentadiene (hccp)	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
hexachloroethane	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
indeno (1, 2, 3-cd) pyrene	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
isophorone	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
n-nitrosodi-n-propylamine	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
n-nitrosodiphenylamine/diphenylamine	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
naphthalene	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
nitrobenzene	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
pentachlorophenol	3400U	3600U	4200U	1900U	3500U	3700U	4900U	4500U	3100U	5500U
phenanthrene	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
phenol	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
pyrene	1700U	1800U	2100U	830U	1800U	1900U	2400U	2200U	1600U	2700U
cyclododecanol										
decanoic acid, decyl ester										
dimethylbinaphthalene										
dimethylheptanone										
hexadecanoic acid	20000JN	20000JN	20000JN		3000JN	7000JN	4000JN	3000JN		5000JN
hexadecenoic acid	20000JN	10000JN	20000JN		3000JN	10000JN	4000JN	3000JN		9000JN
methaqualone										
pentadecanoic acid	4000JN	4000JN	8000JN							3000JN
tetradecanoic acid	4000JN	4000JN	3000JN			2000JN				

BRUNSWICK COMMUNITY BASED STUDY
APPENDIX C-3: Extractable Organics in River Sediments - 12/95 (cont.)

Stations with QAQC Samples

Compound	BR010	BR035	BR040	BR050	BR060	BR061	BR080
(3-&/or 4-) methylphenol	3100U	2100U	1900U	2200U	1400U	1900U	2500U
1, 2, 4-trichlorobenzene	3100U	2100U	1900U	2200U	1400U	1900U	2500U
2, 2'-chloroisopropylether	3100U	2100U	1900U	2200U	1400U	1900U	2500U
2, 3, 4, 6-tetrachlorophenol	3100U	2100U	1900U	2200U	1400U	1900U	2500U
2, 4, 5-trichlorophenol	3100U	2100U	1900U	2200U	1400U	1900U	2500U
2, 4, 6-trichlorophenol	3100U	2100U	1900U	2200U	1400U	1900U	2500U
2, 4-dichlorophenol	3100U	2100U	1900U	2200U	1400U	1900U	2500U
2 ,4-dimethylphenol	3100U	2100U	1900U	2200U	1400U	1900U	2500U
2, 4-dinitrophenol	6200U	4100U	3800U	4400U	2800U	3700U	5000U
2, 4-dinitrotoluene	3100U	2100U	1900U	2200U	1400U	1900U	2500U
2, 6-dinitrotoluene	3100U	2100U	1900U	2200U	1400U	1900U	2500U
2-chloronaphthalene	3100U	2100U	1900U	2200U	1400U	1900U	2500U
2-chlorophenol	3100U	2100U	1900U	2200U	1400U	1900U	2500U
2-methyl-4, 6-dinitrophenol	6200U	4100U	3800U	4400U	2800U	3700U	5000U
2-methylnaphthalene	3100U	2100U	1900U	2200U	1400U	1900U	2500U
2-methylphenol	3100U	2100U	1900U	2200U	1400U	1900U	2500U
2-nitroaniline	3100U	2100U	1900U	2200U	1400U	1900U	2500U
2-nitrophenol	3100U	2100U	1900U	2200U	2800U	1900U	2500U
3, 3'-dichlorobenzidine	3100U	2100U	1900U	2200U	1400U	1900U	2500U
3-nitroaniline	3100U	2100U	1900U	2200U	1400U	1900U	2500U
4-bromophenyl phenyl ether	3100U	2100U	1900U	2200U	1400U	1900U	2500U
4-chloro-3-methylphenol	3100U	2100U	1900U	2200U	1400U	1900U	2500U
4-chloroaniline	3100U	2100U	1900U	2200U	1400U	1900U	2500U
4-chlorophenyl phenyl ether	3100U	2100U	1900U	2200U	1400U	1900U	2500U
4-nitroaniline	3100U	2100U	1900U	2200U	1400U	1900U	2500U
4-nitrophenol	6200U	4100U	3800U	4400U	1400U	3700U	5000U
acenaphthene	3100U	2100U	1900U	2200U	1400U	1900U	2500U
acenaphthylene	3100U	2100U	1900U	2200U	1400U	1900U	2500U
anthracene	3100U	2100U	1900U	2200U	1400U	1900U	2500U
benzo(a)anthracene	3100U	2100U	1900U	2200U	1400U	1900U	2500U
benzo(b &/or k) fluoranthene	3100U	2100U	1900U	2200U	1400U	1900U	2500U
benzo(ghi)perylene	3100U	2100U	1900U	2200U	1400U	1900U	2500U
benzo-a-pyrene	3100U	2100U	1900U	2200U	1400U	1900U	2500U
benzyl butyl phthalate	3100U	2100U	1900U	2200U	1400U	1900U	2500U
bis (2-chloroethoxy) methane	3100U	2100U	1900U	2200U	1400U	1900U	2500U
bis (2-chloroethyl) ether	3100U	2100U	1900U	2200U	1400U	1900U	2500U
bis (2-ethylhexyl) phthalate	3100U	2100U	1900U	2200U	1400U	1900U	2500U
carbazole	3100U	2100U	1900U	2200U	1400U	1900U	2500U
chrysene	3100U	2100U	1900U	2200U	1400U	1900U	2500U
di-n-butylphthalate	3100U	2100U	1900U	3600U	1400U	3100U	5100U
di-n-octylphthalate	3100U	2100U	1900U	2200U	1400U	1900U	2500U
dibenzo (a, h) anthracene	3100U	2100U	1900U	2200U	1400U	1900U	2500U
dibenzofuran	3100U	2100U	1900U	2200U	1400U	1900U	2500U
diethyl phthalate	3100U	2100U	1900U	2200U	1400U	1900U	2500U
dimethyl phthalate	3100U	2100U	1900U	2200U	1400U	1900U	2500U
fluoranthene	3100U	2100U	1900U	2200U	1400U	1900U	2500U
fluorene	3100U	2100U	1900U	2200U	1400U	1900U	2500U
hexachlorobenzene (hcb)	3100U	2100U	1900U	2200U	1400U	1900U	2500U
hexachlorobutadiene	3100U	2100U	1900U	2200U	1400U	1900U	2500U
hexachlorocyclopentadiene (hccp)	3100U	2100U	1900U	2200U	1400U	1900U	2500U
hexachloroethane	3100U	2100U	1900U	2200U	1400U	1900U	2500U
indeno (1, 2, 3-cd) pyrene	3100U	2100U	1900U	2200U	1400U	1900U	2500U
isophorone	3100U	2100U	1900U	2200U	1400U	1900U	2500U
n-nitrosodi-n-propylamine	3100U	2100U	1900U	2200U	1400U	1900U	2500U
n-nitrosodiphenylamine/diphenylamine	3100U	2100U	1900U	2200U	1400U	1900U	2500U
naphthalene	3100U	2100U	1900U	2200U	1400U	1900U	2500U
nitrobenzene	3100U	2100U	1900U	2200U	1400U	1900U	2500U
pentachlorophenol	6200U	4100U	3800U	4400U	2800U	3700U	5000U
phenanthrene	3100U	2100U	1900U	2200U	1400U	1900U	2500U
phenol	3100U	2100U	1900U	2200U	1400U	1900U	2500U
pyrene	3100U	2100U	1900U	2200U	1400U	1900U	2500U
cyclododecanol			3000JN				
decanoic acid, decyl ester							
dimethylbinaphthalene							
dimethylheptanone							
hexadecanoic acid		9000JN	7000JN	5000JN	4000JN	20000JN	7000JN
hexadecenoic acid		7000JN	10000JN	7000JN	3000JN	20000JN	6000JN
methaqualone							
pentadecanoic acid		4000JN	2000JN			3000JN	
tetradecanoic acid			2000JN			5000JN	

Additional compounds at station 42
4000JN hexadecanoic acid, methyl ester
5000JN octadecenoic acid
5000JN octadecenoic acid, methyl ester

Additional compounds at station 66
3000JN benzeneacetic acid

Additional compounds at station 72
5000JN octadecenoic acid

Additional compounds at station 80
3000JN octadecenoic acid

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Compound	Stations													
	BR001	BR002	BR003	BR004	BR005	BR006	BR007	BR008	BR009	BR010	BR011	BR012	BR013	BR014
chloromethane	450UJ	400U	200U	430U	250U	170U	220U	340U	450U	210UJ	270U	380U	71UJ	210U
vinyl chloride	450UJ	400U	200U	430U	250U	170U	220U	340U	450U	210UJ	270U	380U	71UJ	210U
bromomethane	450UJ	400U	200U	430U	250U	170U	220U	340U	450U	210UJ	270U	380U	71UJ	210U
chloroethane	450UJ	400U	200U	430U	250U	170U	220U	340U	450U	210UJ	270U	380U	71UJ	210U
trichlorofluoromethane	450UJ	400U	200U	430U	250U	170U	220U	340U	450U	210UJ	270U	380U	71UJ	210U
1,1-dichloroethene (1,1-dichloroethylene)	450UJ	400U	200U	430U	250U	170U	220U	340U	450U	210UJ	270U	380U	71UJ	210U
acetone	4500UJ	4000U	2000U	4300U	2500U	1700U	2200U	3400U	4500U	2100UJ	2700U	3800U	710UJ	2100U
carbon disulfide	1100UJ	1000U	500U	1100U	620U	430U	550U	840U	1100U	530UJ	680U	960U	180UJ	530U
methylene chloride	450UJ	400U	200U	430U	250U	170U	220U	340U	450U	210UJ	270U	380U	71UJ	2100U
trans-1,2-dichloroethene	450UJ	400U	200U	430U	250U	170U	220U	340U	450U	210UJ	270U	380U	71UJ	210U
1,1-dichloroethane	450UJ	400U	200U	430U	250U	170U	220U	340U	450U	210UJ	270U	380U	71UJ	210U
cis-1,2-dichloroethene	450UJ	400U	200U	430U	250U	170U	220U	340U	450U	210UJ	270U	380U	71UJ	210U
2,2-dichloropropane	450UJ	400U	200U	430U	250U	170U	220U	340U	450U	210UJ	270U	380U	71UJ	210U
methyl ethyl ketone	4500UJ	4000U	2000U	4300U	2500U	1700U	2200U	3400U	4500U	2100UJ	2700U	3800U	710UJ	2100U
bromochloromethane	450UJ	400U	200U	430U	250U	170U	220U	340U	450U	210UJ	270U	380U	71UJ	210U
chloroform	450UJ	400U	200U	430U	250U	170U	220U	340U	450U	210UJ	270U	380U	71UJ	210U
1,1,1-trichloroethane	450UJ	400U	200U	430U	250U	170U	220U	340U	450U	210UJ	270U	380U	71UJ	210U
1,1-dichloropropene	450UJ	400U	200U	430U	250U	170U	220U	340U	450U	210UJ	270U	380U	71UJ	210U
carbon tetrachloride	450UJ	400U	200U	430U	250U	170U	220U	340U	450U	210UJ	270U	380U	71UJ	210U
1,2-dichloroethane	450UJ	400U	200U	430U	250U	170U	220U	340U	450U	210UJ	270U	380U	71UJ	210U
benzene	450UJ	400U	200U	430U	250U	170U	220U	340U	450U	210UJ	270U	380U	71UJ	210U
trichloroethene (trichloroethylene)	450UJ	400U	200U	430U	250U	170U	220U	340U	450U	210UJ	270U	380U	71UJ	210U
1,2-dichloropropane	450UJ	400U	200U	430U	250U	170U	220U	340U	450U	210UJ	270U	380U	71UJ	210U
dibromomethane	450UJ	400U	200U	430U	250U	170U	220U	340U	450U	210UJ	270U	380U	71UJ	210U
bromodichloromethane	450UJ	400U	200U	430U	250U	170U	220U	340U	450U	210UJ	270U	380U	71UJ	210U
cis-1,3-dichloropropene	450UJ	400U	200U	430U	250U	170U	220U	340U	450U	210UJ	270U	380U	71UJ	210U
methyl isobutyl ketone	1100UJ	1000U	500U	1100U	620U	430U	550U	840U	1100U	530UJ	680U	960U	180UJ	530U
toluene	450UJ	400U	200U	430U	250U	170U	220U	340U	450U	210UJ	270U	380U	71UJ	210U
trans-1,3-dichloropropene	450UJ	400U	200U	430U	250U	170U	220U	340U	450U	210UJ	270U	380U	71UJ	210U
1,1,2-trichloroethane	450UJ	400U	200U	430U	250U	170U	220U	340U	450U	210UJ	270U	380U	71UJ	210U
tetrachloroethene (tetrachloroethylene)	450UJ	400U	200U	430U	250U	170U	220U	340U	450U	210UJ	270U	380U	71UJ	210U
1,3-dichloropropane	450UJ	400U	200U	430U	250U	170U	220U	340U	450U	210UJ	270U	380U	71UJ	210U
methyl butyl ketone	1100UJ	1000U	500U	1100U	620U	430U	550U	840U	1100U	530UJ	680U	960U	180UJ	530U
dibromochloromethane	450UJ	400U	200U	430U	250U	170U	220U	340U	450U	210UJ	270U	380U	71UJ	210U
chlorobenzene	450UJ	400U	200U	430U	250U	170U	220U	340U	450U	210UJ	270U	380U	71UJ	210U
1,1,1,2-tetrachloroethane	450UJ	400U	200U	430U	250U	170U	220U	340U	450U	210UJ	270U	380U	71UJ	210U
ethyl benzene	450UJ	400U	200U	430U	250U	170U	220U	340U	450U	210UJ	270U	380U	71UJ	210U
(m- and/or p-) xylene	450UJ	400U	200U	430U	250U	170U	220U	340U	450U	210UJ	270U	380U	71UJ	210U
o-xylene	450UJ	400U	200U	430U	250U	170U	220U	340U	450U	210UJ	270U	380U	71UJ	210U
styrene	450UJ	400U	200U	430U	250U	170U	220U	340U	450U	210UJ	270U	380U	71UJ	210U
bromoform	450UJ	400U	200U	430U	250U	170U	220U	340U	450U	210UJ	270U	380U	71UJ	210U
bromobenzene	450UJ	400U	200U	430U	250U	170U	220U	340U	450U	210UJ	270U	380U	71UJ	210U
1,1,2,2-tetrachloroethane	450UJ	400U	200U	430U	250U	170U	220U	340U	450U	210UJ	270U	380U	71UJ	210U
1,2,3-trichloropropane	450UJ	400U	200U	430U	250U	170U	220U	340U	450U	210UJ	270U	380U	71UJ	210U
o-chlorotoluene	450UJ	400U	200U	430U	250U	170U	220U	340U	450U	210UJ	270U	380U	71UJ	210U
p-chlorotoluene	450UJ	400U	200U	430U	250U	170U	220U	340U	450U	210UJ	270U	380U	71UJ	210U
1,3-dichlorobenzene	450UJ	400U	200U	430U	250U	170U	220U	340U	450U	210UJ	270U	380U	71UJ	210U
1,4-dichlorobenzene	450UJ	400U	200U	430U	250U	170U	220U	340U	450U	210UJ	270U	380U	71UJ	210U
1,2-dichlorobenzene	450UJ	400U	200U	430U	250U	170U	220U	340U	450U	210UJ	270U	380U	71UJ	210U
thiobismethane														

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Compound	Stations													
	BR015	BR016	BR017	BR018	BR019	BR020	BR021	BR022	BR023	BR024	BR025	BR026	BR027	BR028
chloromethane	240U	280UJ	160U	190UJ	290UJ	200UJ	250UJ	220UJ	220UJ	390UJ	230UJ	240UJ	240UJ	150UJ
vinyl chloride	240U	280UJ	160U	190UJ	290UJ	200UJ	250UJ	220UJ	220UJ	390UJ	230UJ	240UJ	240UJ	150UJ
bromomethane	240U	280UJ	160U	190UJ	290UJ	200UJ	250UJ	220UJ	220UJ	390UJ	230UJ	240UJ	240UJ	150UJ
chloroethane	240U	280UJ	160U	190UJ	290UJ	200UJ	250UJ	220UJ	220UJ	390UJ	230UJ	240UJ	240UJ	150UJ
trichlorofluoromethane	240U	280UJ	160U	190UJ	290UJ	200UJ	250UJ	220UJ	220UJ	390UJ	230UJ	240UJ	240UJ	150UJ
1,1-dichloroethene (1,1-dichloroethylene)	240U	280UJ	160U	190UJ	290UJ	200UJ	250UJ	220UJ	220UJ	390UJ	230UJ	240UJ	240UJ	150UJ
acetone	2400U	2800UJ	1600U	1900UJ	2900UJ	2000UJ	2500UJ	2200UJ	2200UJ	3900UJ	2300UJ	1700UJ	2400UJ	1500UJ
carbon disulfide	610U	700UJ	390U	470UJ	720UJ	490UJ	620UJ	540UJ	550UJ	960UJ	580UJ	420UJ	600UJ	370UJ
methylene chloride	240U	280UJ	160U	190UJ	290UJ	200UJ	250UJ	220UJ	220UJ	390UJ	230UJ	170UJ	240UJ	150UJ
trans-1,2-dichloroethene	240U	280UJ	160U	190UJ	290UJ	200UJ	250UJ	220UJ	220UJ	390UJ	230UJ	170UJ	240UJ	150UJ
1,1-dichloroethane	240U	280UJ	160U	190UJ	290UJ	200UJ	250UJ	220UJ	220UJ	390UJ	230UJ	170UJ	240UJ	150UJ
cis-1,2-dichloroethene	240U	280UJ	160U	190UJ	290UJ	200UJ	250UJ	220UJ	220UJ	390UJ	230UJ	170UJ	240UJ	150UJ
2,2-dichloropropane	240U	280UJ	160U	190UJ	290UJ	200UJ	250UJ	220UJ	220UJ	390UJ	230UJ	170UJ	240UJ	150UJ
methyl ethyl ketone	2400U	2800UJ	1600U	1900UJ	2900UJ	2000UJ	250UJ	2200UJ	2200UJ	3900UJ	2300UJ	1700UJ	2400UJ	1500UJ
bromochloromethane	240U	280UJ	160U	190UJ	290UJ	200UJ	250UJ	220UJ	220UJ	390UJ	230UJ	170UJ	240UJ	150UJ
chloroform	240U	280UJ	160U	190UJ	290UJ	200UJ	250UJ	220UJ	220UJ	390UJ	230UJ	170UJ	240UJ	150UJ
1,1,1-trichloroethane	240U	280UJ	160U	190UJ	290UJ	200UJ	250UJ	220UJ	220UJ	390UJ	230UJ	170UJ	240UJ	150UJ
1,1-dichloropropene	240U	280UJ	160U	190UJ	290UJ	200UJ	250UJ	220UJ	220UJ	390UJ	230UJ	170UJ	240UJ	150UJ
carbon tetrachloride	240U	280UJ	160U	190UJ	290UJ	200UJ	250UJ	220UJ	220UJ	390UJ	230UJ	170UJ	240UJ	150UJ
1,2-dichloroethane	240U	280UJ	160U	190UJ	290UJ	200UJ	250UJ	220UJ	220UJ	390UJ	230UJ	170UJ	240UJ	150UJ
benzene	240U	280UJ	160U	190UJ	290UJ	200UJ	250UJ	220UJ	220UJ	390UJ	230UJ	170UJ	240UJ	150UJ
trichloroethene (trichloroethylene)	240U	280UJ	160U	190UJ	290UJ	200UJ	250UJ	220UJ	220UJ	390UJ	230UJ	170UJ	240UJ	150UJ
1,2-dichloropropane	240U	280UJ	160U	190UJ	290UJ	200UJ	250UJ	220UJ	220UJ	390UJ	230UJ	170UJ	240UJ	150UJ
dibromomethane	240U	280UJ	160U	190UJ	290UJ	200UJ	250UJ	220UJ	220UJ	390UJ	230UJ	170UJ	240UJ	150UJ
bromodichloromethane	240U	280UJ	160U	190UJ	290UJ	200UJ	250UJ	220UJ	220UJ	390UJ	230UJ	170UJ	240UJ	150UJ
cis-1,3-dichloropropene	240U	280UJ	160U	190UJ	290UJ	200UJ	250UJ	220UJ	220UJ	390UJ	230UJ	170UJ	240UJ	150UJ
methyl isobutyl ketone	610U	700UJ	390U	470UJ	720UJ	490UJ	620UJ	540UJ	550UJ	960UJ	580UJ	420UJ	600UJ	370UJ
toluene	240U	280UJ	160U	190UJ	290UJ	200UJ	250UJ	220UJ	220UJ	390UJ	230UJ	170UJ	240UJ	150UJ
trans-1,3-dichloropropene	240U	280UJ	160U	190UJ	290UJ	200UJ	250UJ	220UJ	220UJ	390UJ	230UJ	170UJ	240UJ	150UJ
1,1,2-trichloroethane	240U	280UJ	160U	190UJ	290UJ	200UJ	250UJ	220UJ	220UJ	390UJ	230UJ	170UJ	240UJ	150UJ
tetrachloroethene (tetrachloroethylene)	240U	280UJ	160U	190UJ	290UJ	200UJ	250UJ	220UJ	220UJ	390UJ	230UJ	170UJ	240UJ	150UJ
1,3-dichloropropane	240U	280UJ	160U	190UJ	290UJ	200UJ	250UJ	220UJ	220UJ	390UJ	230UJ	170UJ	240UJ	150UJ
methyl butyl ketone	610U	700UJ	390U	470UJ	720UJ	490UJ	620UJ	540UJ	550UJ	960UJ	580UJ	420UJ	600UJ	370UJ
dibromochloromethane	240U	280UJ	160U	190UJ	290UJ	200UJ	250UJ	220UJ	220UJ	390UJ	230UJ	170UJ	240UJ	150UJ
chlorobenzene	240U	280UJ	160U	190UJ	290UJ	200UJ	250UJ	220UJ	220UJ	390UJ	230UJ	170UJ	240UJ	150UJ
1,1,1,2-tetrachloroethane	240U	280UJ	160U	190UJ	290UJ	200UJ	250UJ	220UJ	220UJ	390UJ	230UJ	170UJ	240UJ	150UJ
ethyl benzene	240U	280UJ	160U	190UJ	290UJ	200UJ	250UJ	220UJ	220UJ	390UJ	230UJ	170UJ	240UJ	150UJ
(m- and/or p-) xylene	240U	280UJ	160U	190UJ	290UJ	200UJ	250UJ	220UJ	220UJ	390UJ	230UJ	170UJ	240UJ	150UJ
o-xylene	240U	280UJ	160U	190UJ	290UJ	200UJ	250UJ	220UJ	220UJ	390UJ	230UJ	170UJ	240UJ	150UJ
styrene	240U	280UJ	160U	190UJ	290UJ	200UJ	250UJ	220UJ	220UJ	390UJ	230UJ	170UJ	240UJ	150UJ
bromoform	240U	280UJ	160U	190UJ	290UJ	200UJ	250UJ	220UJ	220UJ	390UJ	230UJ	170UJ	240UJ	150UJ
bromobenzene	240U	280UJ	160U	190UJ	290UJ	200UJ	250UJ	220UJ	220UJ	390UJ	230UJ	170UJ	240UJ	150UJ
1,1,2,2-tetrachloroethane	240U	280UJ	160U	190UJ	290UJ	200UJ	250UJ	220UJ	220UJ	390UJ	230UJ	170UJ	240UJ	150UJ
1,2,3-trichloropropane	240U	280UJ	160U	190UJ	290UJ	200UJ	250UJ	220UJ	220UJ	390UJ	230UJ	170UJ	240UJ	150UJ
o-chlorotoluene	240U	280UJ	160U	190UJ	290UJ	200UJ	250UJ	220UJ	220UJ	390UJ	230UJ	170UJ	240UJ	150UJ
p-chlorotoluene	240U	280UJ	160U	190UJ	290UJ	200UJ	250UJ	220UJ	220UJ	390UJ	230UJ	170UJ	240UJ	150UJ
1,3-dichlorobenzene	240U	280UJ	160U	190UJ	290UJ	200UJ	250UJ	220UJ	220UJ	390UJ	230UJ	170UJ	240UJ	150UJ
1,4-dichlorobenzene	240U	280UJ	160U	190UJ	290UJ	200UJ	250UJ	220UJ	220UJ	390UJ	230UJ	170UJ	240UJ	150UJ
1,2-dichlorobenzene	240U	280UJ	160U	190UJ	290UJ	200UJ	250UJ	220UJ	220UJ	390UJ	230UJ	170UJ	240UJ	150UJ
thiobismethane									400JN		400JN			

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Compound	Stations													
	BR029	BR030	BR031	BR032	BR033	BR034	BR035	BR036	BR037	BR038	BR039	BR040	BR041	BR042
chloromethane	340UJ	160UJ	180UJ	360UJ	160UJ	120UJ	190UJ	230UJ	180UJ	370UJ	160UJ	260UJ	150UJ	390UJ
vinyl chloride	340UJ	160UJ	180UJ	360UJ	160UJ	120UJ	190UJ	230UJ	180UJ	370UJ	160UJ	260UJ	150UJ	390UJ
bromomethane	340UJ	160UJ	180UJ	360UJ	160UJ	120UJ	190UJ	230UJ	180UJ	370UJ	160UJ	260UJ	150UJ	390UJ
chloroethane	340UJ	160UJ	180UJ	360UJ	160UJ	120UJ	190UJ	230UJ	180UJ	370UJ	160UJ	260UJ	150UJ	390UJ
trichlorofluoromethane	340UJ	160UJ	180UJ	360UJ	160UJ	120UJ	190UJ	230UJ	180UJ	370UJ	160UJ	260UJ	150UJ	390UJ
1,1-dichloroethene (1,1-dichloroethylene)	340UJ	160UJ	180UJ	360UJ	160UJ	120UJ	190UJ	230UJ	180UJ	370UJ	160UJ	260UJ	150UJ	390UJ
acetone	3400UJ	1600UJ	1800UJ	3600UJ	1600UJ	1200UJ	1900UJ	2300UJ	1800UJ	3700UJ	1600UJ	2600UJ	1500UJ	3900UJ
carbon disulfide	850UJ	390UJ	440UJ	900UJ	410UJ	310UJ	460UJ	570UJ	440UJ	930UJ	390UJ	640UJ	370UJ	980UJ
methylene chloride	340UJ	160UJ	180UJ	360UJ	160UJ	120UJ	190UJ	230UJ	180UJ	370UJ	160UJ	260UJ	150UJ	390UJ
trans-1,2-dichloroethene	340UJ	160UJ	180UJ	360UJ	160UJ	120UJ	190UJ	230UJ	180UJ	370UJ	160UJ	260UJ	150UJ	390UJ
1,1-dichloroethane	340UJ	160UJ	180UJ	360UJ	160UJ	120UJ	190UJ	230UJ	180UJ	370UJ	160UJ	260UJ	150UJ	390UJ
cis-1,2-dichloroethene	340UJ	160UJ	180UJ	360UJ	160UJ	120UJ	190UJ	230UJ	180UJ	370UJ	160UJ	260UJ	150UJ	390UJ
2,2-dichloropropane	340UJ	160UJ	180UJ	360UJ	160UJ	120UJ	190UJ	230UJ	180UJ	370UJ	160UJ	260UJ	150UJ	390UJ
methyl ethyl ketone	3400UJ	1600UJ	1800UJ	3600UJ	1600UJ	1200UJ	1900UJ	2300UJ	1800UJ	3700UJ	1600UJ	2600UJ	1500UJ	3900UJ
bromochloromethane	340UJ	160UJ	180UJ	360UJ	160UJ	120UJ	190UJ	230UJ	180UJ	370UJ	160UJ	260UJ	150UJ	390UJ
chloroform	340UJ	160UJ	180UJ	360UJ	160UJ	120UJ	190UJ	230UJ	180UJ	370UJ	160UJ	260UJ	150UJ	390UJ
1,1,1-trichloroethane	340UJ	160UJ	180UJ	360UJ	160UJ	120UJ	190UJ	230UJ	180UJ	370UJ	160UJ	260UJ	150UJ	390UJ
1,1-dichloropropene	340UJ	160UJ	180UJ	360UJ	160UJ	120UJ	190UJ	230UJ	180UJ	370UJ	160UJ	260UJ	150UJ	390UJ
carbon tetrachloride	340UJ	160UJ	180UJ	360UJ	160UJ	120UJ	190UJ	230UJ	180UJ	370UJ	160UJ	260UJ	150UJ	390UJ
1,2-dichloroethane	340UJ	160UJ	180UJ	360UJ	160UJ	120UJ	190UJ	230UJ	180UJ	370UJ	160UJ	260UJ	150UJ	390UJ
benzene	340UJ	160UJ	180UJ	360UJ	160UJ	120UJ	190UJ	230UJ	180UJ	370UJ	160UJ	260UJ	150UJ	390UJ
trichloroethene (trichloroethylene)	340UJ	160UJ	180UJ	360UJ	160UJ	120UJ	190UJ	230UJ	180UJ	370UJ	160UJ	260UJ	150UJ	390UJ
1,2-dichloropropane	340UJ	160UJ	180UJ	360UJ	160UJ	120UJ	190UJ	230UJ	180UJ	370UJ	160UJ	260UJ	150UJ	390UJ
dibromomethane	340UJ	160UJ	180UJ	360UJ	160UJ	120UJ	190UJ	230UJ	180UJ	370UJ	160UJ	260UJ	150UJ	390UJ
bromodichloromethane	340UJ	160UJ	180UJ	360UJ	160UJ	120UJ	190UJ	230UJ	180UJ	370UJ	160UJ	260UJ	150UJ	390UJ
cis-1,3-dichloropropene	340UJ	160UJ	180UJ	360UJ	160UJ	120UJ	190UJ	230UJ	180UJ	370UJ	160UJ	260UJ	150UJ	390UJ
methyl isobutyl ketone	850UJ	390UJ	440UJ	900UJ	410UJ	310U	460UJ	570UJ	440UJ	930UJ	390UJ	640UJ	370UJ	980UJ
toluene	340UJ	160UJ	180UJ	360UJ	160UJ	120UJ	190UJ	230UJ	180UJ	370UJ	160UJ	260UJ	150UJ	390UJ
trans-1,3-dichloropropene	340UJ	160UJ	180UJ	360UJ	160UJ	120UJ	190UJ	230UJ	180UJ	370UJ	160UJ	260UJ	150UJ	390UJ
1,1,2-trichloroethane	340UJ	160UJ	180UJ	360UJ	160UJ	120UJ	190UJ	230UJ	180UJ	370UJ	160UJ	260UJ	150UJ	390UJ
tetrachloroethene (tetrachloroethylene)	340UJ	160UJ	180UJ	360UJ	160UJ	120UJ	190UJ	230UJ	180UJ	370UJ	160UJ	260UJ	150UJ	390UJ
1,3-dichloropropane	340UJ	160UJ	180UJ	360UJ	160UJ	120UJ	190UJ	230UJ	180UJ	370UJ	160UJ	260UJ	150UJ	390UJ
methyl butyl ketone	850UJ	390UJ	440UJ	900UJ	410UJ	310UJ	460UJ	570UJ	440UJ	930UJ	390UJ	640UJ	370UJ	980UJ
dibromochloromethane	340UJ	160UJ	180UJ	360UJ	160UJ	120UJ	190UJ	230UJ	180UJ	370UJ	160UJ	260UJ	150UJ	390UJ
chlorobenzene	340UJ	160UJ	180UJ	360UJ	160UJ	120UJ	190UJ	230UJ	180UJ	370UJ	160UJ	260UJ	150UJ	390UJ
1,1,1,2-tetrachloroethane	340UJ	160UJ	180UJ	360UJ	160UJ	120UJ	190UJ	230UJ	180UJ	370UJ	160UJ	260UJ	150UJ	390UJ
ethyl benzene	340UJ	160UJ	180UJ	360UJ	160UJ	120UJ	190UJ	230UJ	180UJ	370UJ	160UJ	260UJ	150UJ	390UJ
(m- and/or p-) xylene	340UJ	160UJ	180UJ	360UJ	160UJ	120UJ	190UJ	230UJ	180UJ	370UJ	160UJ	260UJ	150UJ	390UJ
o-xylene	340UJ	160UJ	180UJ	360UJ	160UJ	120UJ	190UJ	230UJ	180UJ	370UJ	160UJ	260UJ	150UJ	390UJ
styrene	340UJ	160UJ	180UJ	360UJ	160UJ	120UJ	190UJ	230UJ	180UJ	370UJ	160UJ	260UJ	150UJ	390UJ
bromoform	340UJ	160UJ	180UJ	360UJ	160UJ	120UJ	190UJ	230UJ	180UJ	370UJ	160UJ	260UJ	150UJ	390UJ
bromobenzene	340UJ	160UJ	180UJ	360UJ	160UJ	120UJ	190UJ	230UJ	180UJ	370UJ	160UJ	260UJ	150UJ	390UJ
1,1,2,2-tetrachloroethane	340UJ	160UJ	180UJ	360UJ	160UJ	120UJ	190UJ	230UJ	180UJ	370UJ	160UJ	260UJ	150UJ	390UJ
1,2,3-trichloropropane	340UJ	160UJ	180UJ	360UJ	160UJ	120UJ	190UJ	230UJ	180UJ	370UJ	160UJ	260UJ	150UJ	390UJ
o-chlorotoluene	340UJ	160UJ	180UJ	360UJ	160UJ	120UJ	190UJ	230UJ	180UJ	370UJ	160UJ	260UJ	150UJ	390UJ
p-chlorotoluene	340UJ	160UJ	180UJ	360UJ	160UJ	120UJ	190UJ	230UJ	180UJ	370UJ	160UJ	260UJ	150UJ	390UJ
1,3-dichlorobenzene	340UJ	160UJ	180UJ	360UJ	160UJ	120UJ	190UJ	230UJ	180UJ	370UJ	160UJ	260UJ	150UJ	390UJ
1,4-dichlorobenzene	340UJ	160UJ	180UJ	360UJ	160UJ	120UJ	190UJ	230UJ	180UJ	370UJ	160UJ	260UJ	150UJ	390UJ
1,2-dichlorobenzene	340UJ	160UJ	180UJ	360UJ	160UJ	120UJ	190UJ	230UJ	180UJ	370UJ	160UJ	260UJ	150UJ	390UJ
thiobismethane												400JN		

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Compound	Stations													
	BR043	BR044	BR045	BR046	BR047	BR048	BR049	BR050	BR051	BR052	BR053	BR054	BR055	BR056
chloromethane	98UJ	200UJ	220UJ	230UJ	150UJ	150UJ	390UJ	250UJ	130UJ	200UJ	250UJ	300UJ	130UJ	180UJ
vinyl chloride	98UJ	200UJ	220UJ	230UJ	150UJ	150UJ	390UJ	250UJ	130UJ	200UJ	250UJ	300UJ	130UJ	180UJ
bromomethane	98UJ	200UJ	220UJ	230UJ	150UJ	150UJ	390UJ	250UJ	130UJ	200UJ	250UJ	300UJ	130UJ	180UJ
chloroethane	98UJ	200UJ	220UJ	230UJ	150UJ	150UJ	390UJ	250UJ	130UJ	200UJ	250UJ	300UJ	130UJ	180UJ
trichlorofluoromethane	98UJ	200UJ	220UJ	230UJ	150UJ	150UJ	390UJ	250UJ	130UJ	200UJ	250UJ	300UJ	130UJ	180UJ
1,1-dichloroethene (1,1-dichloroethylene)	98UJ	200UJ	220UJ	230UJ	150UJ	150UJ	390UJ	250UJ	130UJ	200UJ	250UJ	300UJ	130UJ	180UJ
acetone	980UJ	2000UJ	2200UJ	2300UJ	1500UJ	1500UJ	3900UJ	2500UJ	1300UJ	2000UJ	2500UJ	3000UJ	1300UJ	1800UJ
carbon disulfide	240UJ	490UJ	550UJ	580UJ	380UJ	370UJ	960UJ	630UJ	310UJ	500UJ	610UJ	750UJ	320UJ	440UJ
methylene chloride	98UJ	200UJ	220UJ	230UJ	150UJ	150UJ	390UJ	250UJ	130UJ	200UJ	250UJ	300UJ	130UJ	180UJ
trans-1,2-dichloroethene	98UJ	200UJ	220UJ	230UJ	150UJ	150UJ	390UJ	250UJ	130UJ	200UJ	250UJ	300UJ	130UJ	180UJ
1,1-dichloroethane	98UJ	200UJ	220UJ	230UJ	150UJ	150UJ	390UJ	250UJ	130UJ	200UJ	250UJ	300UJ	130UJ	180UJ
cis-1,2-dichloroethene	98UJ	200UJ	220UJ	230UJ	150UJ	150UJ	390UJ	250UJ	130UJ	200UJ	250UJ	300UJ	130UJ	180UJ
2,2-dichloropropane	98UJ	200UJ	220UJ	230UJ	150UJ	150UJ	390UJ	250UJ	130UJ	200UJ	250UJ	300UJ	130UJ	180UJ
methyl ethyl ketone	980UJ	2000UJ	2200UJ	2300UJ	1500UJ	1500UJ	3900UJ	2500UJ	1300UJ	2000UJ	2500UJ	3000UJ	1300UJ	1800UJ
bromochloromethane	98UJ	200UJ	220UJ	230UJ	150UJ	150UJ	390UJ	250UJ	130UJ	200UJ	250UJ	300UJ	130UJ	180UJ
chloroform	98UJ	200UJ	220UJ	230UJ	150UJ	150UJ	390UJ	250UJ	130UJ	200UJ	250UJ	300UJ	130UJ	180UJ
1,1,1-trichloroethane	98UJ	200UJ	220UJ	230UJ	150UJ	150UJ	390UJ	250UJ	130UJ	200UJ	250UJ	300UJ	130UJ	180UJ
1,1-dichloropropene	98UJ	200UJ	220UJ	230UJ	150UJ	150UJ	390UJ	250UJ	130UJ	200UJ	250UJ	300UJ	130UJ	180UJ
carbon tetrachloride	98UJ	200UJ	220UJ	230UJ	150UJ	150UJ	390UJ	250UJ	130UJ	200UJ	250UJ	300UJ	130UJ	180UJ
1,2-dichloroethane	98UJ	200UJ	220UJ	230UJ	150UJ	150UJ	390UJ	250UJ	130UJ	200UJ	250UJ	300UJ	130UJ	180UJ
benzene	98UJ	200UJ	220UJ	230UJ	150UJ	150UJ	390UJ	250UJ	130UJ	200UJ	250UJ	300UJ	130UJ	180UJ
trichloroethene (trichloroethylene)	98UJ	200UJ	220UJ	230UJ	150UJ	150UJ	390UJ	250UJ	130UJ	200UJ	250UJ	300UJ	130UJ	180UJ
1,2-dichloropropane	98UJ	200UJ	220UJ	230UJ	150UJ	150UJ	390UJ	250UJ	130UJ	200UJ	250UJ	300UJ	130UJ	180UJ
dibromomethane	98UJ	200UJ	220UJ	230UJ	150UJ	150UJ	390UJ	250UJ	130UJ	200UJ	250UJ	300UJ	130UJ	180UJ
bromodichloromethane	98UJ	200UJ	220UJ	230UJ	150UJ	150UJ	390UJ	250UJ	130UJ	200UJ	250UJ	300UJ	130UJ	180UJ
cis-1,3-dichloropropene	98UJ	200UJ	220UJ	230UJ	150UJ	150UJ	390UJ	250UJ	130UJ	200UJ	250UJ	300UJ	130UJ	180UJ
methyl isobutyl ketone	240UJ	490UJ	550UJ	580UJ	380UJ	370UJ	960UJ	630UJ	310UJ	500UJ	610UJ	750UJ	320UJ	440UJ
toluene	98UJ	200UJ	220UJ	230UJ	150UJ	150UJ	390UJ	250UJ	130UJ	200UJ	250UJ	300UJ	130UJ	180UJ
trans-1,3-dichloropropene	98UJ	200UJ	220UJ	230UJ	150UJ	150UJ	390UJ	250UJ	130UJ	200UJ	250UJ	300UJ	130UJ	180UJ
1,1,2-trichloroethane	98UJ	200UJ	220UJ	230UJ	150UJ	150UJ	390UJ	250UJ	130UJ	200UJ	250UJ	300UJ	130UJ	180UJ
tetrachloroethene (tetrachloroethylene)	98UJ	200UJ	220UJ	230UJ	150UJ	150UJ	390UJ	250UJ	130UJ	200UJ	250UJ	300UJ	130UJ	180UJ
1,3-dichloropropane	98UJ	200UJ	220UJ	230UJ	150UJ	150UJ	390UJ	250UJ	130UJ	200UJ	250UJ	300UJ	130UJ	180UJ
methyl butyl ketone	240UJ	490UJ	550UJ	580UJ	380UJ	370UJ	960UJ	630UJ	310UJ	500UJ	610UJ	750UJ	320UJ	440UJ
dibromochloromethane	98UJ	200UJ	220UJ	230UJ	150UJ	150UJ	390UJ	250UJ	130UJ	200UJ	250UJ	300UJ	130UJ	180UJ
chlorobenzene	98UJ	200UJ	220UJ	230UJ	150UJ	150UJ	390UJ	250UJ	130UJ	200UJ	250UJ	300UJ	130UJ	180UJ
1,1,1,2-tetrachloroethane	98UJ	200UJ	220UJ	230UJ	150UJ	150UJ	390UJ	250UJ	130UJ	200UJ	250UJ	300UJ	130UJ	180UJ
ethyl benzene	98UJ	200UJ	220UJ	230UJ	150UJ	150UJ	390UJ	250UJ	130UJ	200UJ	250UJ	300UJ	130UJ	180UJ
(m- and/or p-) xylene	98UJ	200UJ	220UJ	230UJ	150UJ	150UJ	390UJ	250UJ	130UJ	200UJ	250UJ	300UJ	130UJ	180UJ
o-xylene	98UJ	200UJ	220UJ	230UJ	150UJ	150UJ	390UJ	250UJ	130UJ	200UJ	250UJ	300UJ	130UJ	180UJ
styrene	98UJ	200UJ	220UJ	230UJ	150UJ	150UJ	390UJ	250UJ	130UJ	200UJ	250UJ	300UJ	130UJ	180UJ
bromoform	98UJ	200UJ	220UJ	230UJ	150UJ	150UJ	390UJ	250UJ	130UJ	200UJ	250UJ	300UJ	130UJ	180UJ
bromobenzene	98UJ	200UJ	220UJ	230UJ	150UJ	150UJ	390UJ	250UJ	130UJ	200UJ	250UJ	300UJ	130UJ	180UJ
1,1,2,2-tetrachloroethane	98UJ	200UJ	220UJ	230UJ	150UJ	150UJ	390UJ	250UJ	130UJ	200UJ	250UJ	300UJ	130UJ	180UJ
1,2,3-trichloropropane	98UJ	200UJ	220UJ	230UJ	150UJ	150UJ	390UJ	250UJ	130UJ	200UJ	250UJ	300UJ	130UJ	180UJ
o-chlorotoluene	98UJ	200UJ	220UJ	230UJ	150UJ	150UJ	390UJ	250UJ	130UJ	200UJ	250UJ	300UJ	130UJ	180UJ
p-chlorotoluene	98UJ	200UJ	220UJ	230UJ	150UJ	150UJ	390UJ	250UJ	130UJ	200UJ	250UJ	300UJ	130UJ	180UJ
1,3-dichlorobenzene	98UJ	200UJ	220UJ	230UJ	150UJ	150UJ	390UJ	250UJ	130UJ	200UJ	250UJ	300UJ	130UJ	180UJ
1,4-dichlorobenzene	98UJ	200UJ	220UJ	230UJ	150UJ	150UJ	390UJ	250UJ	130UJ	200UJ	250UJ	300UJ	130UJ	180UJ
1,2-dichlorobenzene	98UJ	200UJ	220UJ	230UJ	150UJ	150UJ	390UJ	250UJ	130UJ	200UJ	250UJ	300UJ	130UJ	180UJ
thiobismethane		1000JN								400JN		2000JN		

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Compound	Stations													
	BR057	BR058	BR059	BR060	BR061	BR062	BR063	BR064	BR065	BR066	BR067	BR068	BR069	BR070
chloromethane	320UJ	270UJ	130UJ	150UJ	98UJ	370UJ	200UJ	130UJ	120UJ	200UJ	230UJ	200UJ	360UJ	150UJ
vinyl chloride	320UJ	270UJ	130UJ	150UJ	98UJ	370UJ	200UJ	130UJ	120UJ	200UJ	230UJ	200UJ	360UJ	150UJ
bromomethane	320UJ	270UJ	130UJ	150UJ	98UJ	370UJ	200UJ	130UJ	120UJ	200UJ	230UJ	200UJ	360UJ	150UJ
chloroethane	320UJ	270UJ	130UJ	150UJ	98UJ	370UJ	200UJ	130UJ	120UJ	200UJ	230UJ	200UJ	360UJ	150UJ
trichlorofluoromethane	320UJ	270UJ	130UJ	150UJ	98UJ	370UJ	200UJ	130UJ	120UJ	200UJ	230UJ	200UJ	360UJ	150UJ
1,1-dichloroethene (1,1-dichloroethylene)	320UJ	270UJ	130UJ	150UJ	98UJ	370UJ	200UJ	130UJ	120UJ	200UJ	230UJ	200UJ	360UJ	150UJ
acetone	3200UJ	2700UJ	1300UJ	1500UJ	980UJ	3700UJ	2000UJ	1300UJ	1200UJ	2000UJ	2300UJ	2000UJ	3600UJ	1500UJ
carbon disulfide	790UJ	680UJ	330UJ	380UJ	240UJ	910UJ	500UJ	330UJ	290UJ	500UJ	590UJ	500UJ	900UJ	380UJ
methylene chloride	320UJ	270UJ	130UJ	150UJ	98UJ	370UJ	200UJ	130UJ	120UJ	200UJ	230UJ	200UJ	360UJ	150UJ
trans-1,2-dichloroethene	320UJ	270UJ	130UJ	150UJ	98UJ	370UJ	200UJ	130UJ	120UJ	200UJ	230UJ	200UJ	360UJ	150UJ
1,1-dichloroethane	320UJ	270UJ	130UJ	150UJ	98UJ	370UJ	200UJ	130UJ	120UJ	200UJ	230UJ	200UJ	360UJ	150UJ
cis-1,2-dichloroethene	320UJ	270UJ	130UJ	150UJ	98UJ	370UJ	200UJ	130UJ	120UJ	200UJ	230UJ	200UJ	360UJ	150UJ
2,2-dichloropropane	320UJ	270UJ	130UJ	150UJ	98UJ	370UJ	200UJ	130UJ	120UJ	200UJ	230UJ	200UJ	360UJ	150UJ
methyl ethyl ketone	3200UJ	2700UJ	1300UJ	1500U	980UJ	3700UJ	2000UJ	1300UJ	1200UJ	2000UJ	2300UJ	2000UJ	3600UJ	1500U
bromochloromethane	320UJ	270UJ	130UJ	150UJ	98UJ	370UJ	200UJ	130UJ	120UJ	200UJ	230UJ	200UJ	360UJ	150UJ
chloroform	320UJ	270UJ	130UJ	150UJ	98UJ	370UJ	200UJ	130UJ	120UJ	200UJ	230UJ	200UJ	360UJ	150UJ
1,1,1-trichloroethane	320UJ	270UJ	130UJ	150UJ	98UJ	370UJ	200UJ	130UJ	120UJ	200UJ	230UJ	200UJ	360UJ	150UJ
1,1-dichloropropene	320UJ	270UJ	130UJ	150UJ	98UJ	370UJ	200UJ	130UJ	120UJ	200UJ	230UJ	200UJ	360UJ	150UJ
carbon tetrachloride	320UJ	270UJ	130UJ	150UJ	98UJ	370UJ	200UJ	130UJ	120UJ	200UJ	230UJ	200UJ	360UJ	150UJ
1,2-dichloroethane	320UJ	270UJ	130UJ	150UJ	98UJ	370UJ	200UJ	130UJ	120UJ	200UJ	230UJ	200UJ	360UJ	150UJ
benzene	320UJ	270UJ	130UJ	150UJ	98UJ	370UJ	200UJ	130UJ	120UJ	200UJ	230UJ	200UJ	360UJ	150UJ
trichloroethene (trichloroethylene)	320UJ	270UJ	130UJ	150UJ	98UJ	370UJ	200UJ	130UJ	120UJ	200UJ	230UJ	200UJ	360UJ	150UJ
1,2-dichloropropane	320UJ	270UJ	130UJ	150UJ	98UJ	370UJ	200UJ	130UJ	120UJ	200UJ	230UJ	200UJ	360UJ	150UJ
dibromomethane	320UJ	270UJ	130UJ	150UJ	98UJ	370UJ	200UJ	130UJ	120UJ	200UJ	230UJ	200UJ	360UJ	150UJ
bromodichloromethane	320UJ	270UJ	130UJ	150UJ	98UJ	370UJ	200UJ	130UJ	120UJ	200UJ	230UJ	200UJ	360UJ	150UJ
cis-1,3-dichloropropene	320UJ	270UJ	130UJ	150UJ	98UJ	370UJ	200UJ	130UJ	120UJ	200UJ	230UJ	200UJ	360UJ	150UJ
methyl isobutyl ketone	790UJ	680UJ	330UJ	380UJ	240UJ	910UJ	500UJ	330UJ	290UJ	500UJ	590UJ	500UJ	900UJ	380UJ
toluene	320UJ	270UJ	130UJ	150UJ	98UJ	370UJ	200UJ	130UJ	120UJ	200UJ	230UJ	200UJ	360UJ	150UJ
trans-1,3-dichloropropene	320UJ	270UJ	130UJ	150UJ	98UJ	370UJ	200UJ	130UJ	120UJ	200UJ	230UJ	200UJ	360UJ	150UJ
1,1,2-trichloroethane	320UJ	270UJ	130UJ	150UJ	98UJ	370UJ	200UJ	130UJ	120UJ	200UJ	230UJ	200UJ	360UJ	150UJ
tetrachloroethene (tetrachloroethylene)	320UJ	270UJ	130UJ	150UJ	98UJ	370UJ	200UJ	130UJ	120UJ	200UJ	230UJ	200UJ	360UJ	150UJ
1,3-dichloropropane	320UJ	270UJ	130UJ	150UJ	98UJ	370UJ	200UJ	130UJ	120UJ	200UJ	230UJ	200UJ	360UJ	150UJ
methyl butyl ketone	790UJ	680UJ	330UJ	380UJ	240UJ	910UJ	500UJ	330UJ	290UJ	500UJ	590UJ	500UJ	900UJ	380U
dibromochloromethane	320UJ	270UJ	130UJ	150UJ	98UJ	370UJ	200UJ	130UJ	120UJ	200UJ	230UJ	200UJ	360UJ	150UJ
chlorobenzene	320UJ	270UJ	130UJ	150UJ	98UJ	370UJ	200UJ	130UJ	120UJ	200UJ	230UJ	200UJ	360UJ	150UJ
1,1,1,2-tetrachloroethane	320UJ	270UJ	130UJ	150UJ	98UJ	370UJ	200UJ	130UJ	120UJ	200UJ	230UJ	200UJ	360UJ	150UJ
ethyl benzene	320UJ	270UJ	130UJ	150UJ	98UJ	370UJ	200UJ	130UJ	120UJ	200UJ	230UJ	200UJ	360UJ	150UJ
(m- and/or p-) xylene	320UJ	270UJ	130UJ	150UJ	98UJ	370UJ	200UJ	130UJ	120UJ	200UJ	230UJ	200UJ	360UJ	150UJ
o-xylene	320UJ	270UJ	130UJ	150UJ	98UJ	370UJ	200UJ	130UJ	120UJ	200UJ	230UJ	200UJ	360UJ	150UJ
styrene	320UJ	270UJ	130UJ	150UJ	98UJ	370UJ	200UJ	130UJ	120UJ	200UJ	230UJ	200UJ	360UJ	150UJ
bromoform	320UJ	270UJ	130UJ	150UJ	98UJ	370UJ	200UJ	130UJ	120UJ	200UJ	230UJ	200UJ	360UJ	150UJ
bromobenzene	320UJ	270UJ	130UJ	150UJ	98UJ	370UJ	200UJ	130UJ	120UJ	200UJ	230UJ	200UJ	360UJ	150UJ
1,1,2,2-tetrachloroethane	320UJ	270UJ	130UJ	150UJ	98UJ	370UJ	200UJ	130UJ	120UJ	200UJ	230UJ	200UJ	360UJ	150UJ
1,2,3-trichloropropane	320UJ	270UJ	130UJ	150UJ	98UJ	370UJ	200UJ	130UJ	120UJ	200UJ	230UJ	200UJ	360UJ	150UJ
o-chlorotoluene	320UJ	270UJ	130UJ	150UJ	98UJ	370UJ	200UJ	130UJ	120UJ	200UJ	230UJ	200UJ	360UJ	150UJ
p-chlorotoluene	320UJ	270UJ	130UJ	150UJ	98UJ	370UJ	200UJ	130UJ	120UJ	200UJ	230UJ	200UJ	360UJ	150UJ
1,3-dichlorobenzene	320UJ	270UJ	130UJ	150UJ	98UJ	370UJ	200UJ	130UJ	120UJ	200UJ	230UJ	200UJ	360UJ	150UJ
1,4-dichlorobenzene	320UJ	270UJ	130UJ	150UJ	98UJ	370UJ	200UJ	130UJ	120UJ	200UJ	230UJ	200UJ	360UJ	150UJ
1,2-dichlorobenzene	320UJ	270UJ	130UJ	150UJ	98UJ	370UJ	200UJ	130UJ	120UJ	200UJ	230UJ	200UJ	360UJ	150UJ
thiobismethane	1000JN		400JN		200JN		1000JN				1000J	800JN		1000JN

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Compound	Stations									
	BR071	BR072	BR073	BR074	BR075	BR076	BR077	BR078	BR079	BR080
chloromethane	150UJ	130UJ	170UJ	60UJ	130UJ	190UJ	190UJ	160UJ	130UJ	290UJ
vinyl chloride	150UJ	130UJ	170UJ	60UJ	130UJ	190UJ	190UJ	160UJ	130UJ	290UJ
bromomethane	150UJ	130UJ	170UJ	60UJ	130UJ	190UJ	190UJ	160UJ	130UJ	290UJ
chloroethane	150UJ	130UJ	170UJ	60UJ	130UJ	190UJ	190UJ	160UJ	130UJ	290UJ
trichlorofluoromethane	150UJ	130UJ	170UJ	60UJ	130UJ	190UJ	190UJ	160UJ	130UJ	290UJ
1,1-dichloroethene (1,1-dichloroethylene)	150UJ	130UJ	170UJ	60UJ	130UJ	190UJ	190UJ	160UJ	130UJ	290UJ
acetone	1500UJ	1300UJ	1700UJ	600UJ	1300UJ	1900UJ	1900UJ	1600UJ	1300UJ	2900UJ
carbon disulfide	370UJ	340UJ	420UJ	150UJ	330UJ	470UJ	480UJ	410UJ	320UJ	720UJ
methylene chloride	150UJ	130UJ	170UJ	60UJ	130UJ	190UJ	190UJ	160UJ	130UJ	290UJ
trans-1,2-dichloroethene	150UJ	130UJ	170UJ	60UJ	130UJ	190UJ	190UJ	160UJ	130UJ	290UJ
1,1-dichloroethane	150UJ	130UJ	170UJ	60UJ	130UJ	190UJ	190UJ	160UJ	130UJ	290UJ
cis-1,2-dichloroethene	150UJ	130UJ	170UJ	60UJ	130UJ	190UJ	190UJ	160UJ	130UJ	290UJ
2,2-dichloropropane	150UJ	130UJ	170UJ	60UJ	130UJ	190UJ	190UJ	160UJ	130UJ	290UJ
methyl ethyl ketone	1500U	1300UJ	1700UJ	600UJ	1300UJ	1900UJ	1900UJ	1600UJ	1300UJ	2900UJ
bromochloromethane	150UJ	130UJ	170UJ	60UJ	130UJ	190UJ	190UJ	160UJ	130UJ	290UJ
chloroform	150UJ	130UJ	170UJ	60UJ	130UJ	190UJ	190UJ	160UJ	130UJ	290UJ
1,1,1-trichloroethane	150UJ	130UJ	170UJ	60UJ	130UJ	190UJ	190UJ	160UJ	130UJ	290UJ
1,1-dichloropropene	150UJ	130UJ	170UJ	60UJ	130UJ	190UJ	190UJ	160UJ	130UJ	290UJ
carbon tetrachloride	150UJ	130UJ	170UJ	60UJ	130UJ	190UJ	190UJ	160UJ	130UJ	290UJ
1,2-dichloroethane	150UJ	130UJ	170UJ	60UJ	130UJ	190UJ	190UJ	160UJ	130UJ	290UJ
benzene	150UJ	130UJ	170UJ	60UJ	130UJ	190UJ	190UJ	160UJ	130UJ	290UJ
trichloroethene (trichloroethylene)	150UJ	130UJ	170UJ	60UJ	130UJ	190UJ	190UJ	160UJ	130UJ	290UJ
1,2-dichloropropane	150UJ	130UJ	170UJ	60UJ	130UJ	190UJ	190UJ	160UJ	130UJ	290UJ
dibromomethane	150UJ	130UJ	170UJ	60UJ	130UJ	190UJ	190UJ	160UJ	130UJ	290UJ
bromodichloromethane	150UJ	130UJ	170UJ	60UJ	130UJ	190UJ	190UJ	160UJ	130UJ	290UJ
cis-1,3-dichloropropene	150UJ	130UJ	170UJ	60UJ	130UJ	190UJ	190UJ	160UJ	130UJ	290UJ
methyl isobutyl ketone	370UJ	340UJ	420UJ	150UJ	330UJ	470UJ	480UJ	410UJ	320UJ	720UJ
toluene	150UJ	130UJ	170UJ	60UJ	130UJ	190UJ	190UJ	160UJ	130UJ	290UJ
trans-1,3-dichloropropene	150UJ	130UJ	170UJ	60UJ	130UJ	190UJ	190UJ	160UJ	130UJ	290UJ
1,1,2-trichloroethane	150UJ	130UJ	170UJ	60UJ	130UJ	190UJ	190UJ	160UJ	130UJ	290UJ
tetrachloroethene (tetrachloroethylene)	150UJ	130UJ	170UJ	60UJ	130UJ	190UJ	190UJ	160UJ	130UJ	290UJ
1,3-dichloropropane	150UJ	130UJ	170UJ	60UJ	130UJ	190UJ	190UJ	160UJ	130UJ	290UJ
methyl butyl ketone	370U	340UJ	420UJ	150UJ	330UJ	470UJ	480UJ	410UJ	320UJ	720UJ
dibromochloromethane	150UJ	130UJ	170UJ	60UJ	130UJ	190UJ	190UJ	160UJ	130UJ	290UJ
chlorobenzene	150UJ	130UJ	170UJ	60UJ	130UJ	190UJ	190UJ	160UJ	130UJ	290UJ
1,1,1,2-tetrachloroethane	150UJ	130UJ	170UJ	60UJ	130UJ	190UJ	190UJ	160UJ	130UJ	290UJ
ethyl benzene	150UJ	130UJ	170UJ	60UJ	130UJ	190UJ	190UJ	160UJ	130UJ	290UJ
(m- and/or p-) xylene	150UJ	130UJ	170UJ	60UJ	130UJ	190UJ	190UJ	160UJ	130UJ	290UJ
o-xylene	150UJ	130UJ	170UJ	60UJ	130UJ	190UJ	190UJ	160UJ	130UJ	290UJ
styrene	150UJ	130UJ	170UJ	60UJ	130UJ	190UJ	190UJ	160UJ	130UJ	290UJ
bromoform	150UJ	130UJ	170UJ	60UJ	130UJ	190UJ	190UJ	160UJ	130UJ	290UJ
bromobenzene	150UJ	130UJ	170UJ	60UJ	130UJ	190UJ	190UJ	160UJ	130UJ	290UJ
1,1,2,2-tetrachloroethane	150UJ	130UJ	170UJ	60UJ	130UJ	190UJ	190UJ	160UJ	130UJ	290UJ
1,2,3-trichloropropane	150UJ	130UJ	170UJ	60UJ	130UJ	190UJ	190UJ	160UJ	130UJ	290UJ
o-chlorotoluene	150UJ	130UJ	170UJ	60UJ	130UJ	190UJ	190UJ	160UJ	130UJ	290UJ
p-chlorotoluene	150UJ	130UJ	170UJ	60UJ	130UJ	190UJ	190UJ	160UJ	130UJ	290UJ
1,3-dichlorobenzene	150UJ	130UJ	170UJ	60UJ	130UJ	190UJ	190UJ	160UJ	130UJ	290UJ
1,4-dichlorobenzene	150UJ	130UJ	170UJ	60UJ	130UJ	190UJ	190UJ	160UJ	130UJ	290UJ
1,2-dichlorobenzene	150UJ	130UJ	170UJ	60UJ	130UJ	190UJ	190UJ	160UJ	130UJ	290UJ
thiobismethane	400JN	800JN	400JN			400JN				

BRUNSWICK COMMUNITY BASED STUDY
APPENDIX C-4: Purgeable Organics in Marsh Sediments - 12/95

Compound	BR010	BR035	BR040	BR050	BR060	BR061	BR080
chloromethane	450UJ	130UJ	250UJ	220UJ	240UJ	130UJ	220UJ
vinyl chloride	450UJ	130UJ	250UJ	220UJ	240UJ	130UJ	220UJ
bromomethane	450UJ	130UJ	250UJ	220UJ	240UJ	130UJ	220UJ
chloroethane	450UJ	130UJ	250UJ	220UJ	240UJ	130UJ	220UJ
trichlorofluoromethane	450UJ	130UJ	250UJ	220UJ	240UJ	130UJ	220UJ
1,1-dichloroethene (1,1-dichloroethylene)	450UJ	130UJ	250UJ	220UJ	240UJ	130UJ	220UJ
acetone	4500UJ	1300UJ	2500UJ	2200UJ	2400UJ	1300UJ	2200UJ
carbon disulfide	1100UJ	330UJ	620UJ	540UJ	610UJ	320UJ	560UJ
methylene chloride	450UJ	130UJ	250UJ	220UJ	240UJ	130UJ	220UJ
trans-1,2-dichloroethene	450UJ	130UJ	250UJ	220UJ	240UJ	130UJ	220UJ
1,1-dichloroethane	450UJ	130UJ	250UJ	220UJ	240UJ	130UJ	220UJ
cis-1,2-dichloroethene	450UJ	130UJ	250UJ	220UJ	240UJ	130UJ	220UJ
2,2-dichloropropane	450UJ	130UJ	250UJ	220UJ	240UJ	130UJ	220UJ
methyl ethyl ketone	4500UJ	130UJ	2500UJ	2200UJ	2400UJ	1300U	2200UJ
bromochloromethane	450UJ	130UJ	250UJ	220UJ	240UJ	130UJ	220UJ
chloroform	450UJ	130UJ	250UJ	220UJ	240UJ	130UJ	220UJ
1,1,1-trichloroethane	450UJ	130UJ	250UJ	220UJ	240UJ	130UJ	220UJ
1,1-dichloropropene	450UJ	130UJ	250UJ	220UJ	240UJ	130UJ	220UJ
carbon tetrachloride	450UJ	130UJ	250UJ	220UJ	240UJ	130UJ	220UJ
1,2-dichloroethane	450UJ	130UJ	250UJ	220UJ	240UJ	130UJ	220UJ
benzene	450UJ	130UJ	250UJ	220UJ	240UJ	130UJ	220UJ
trichloroethene (trichloroethylene)	450UJ	130UJ	250UJ	220UJ	240UJ	130UJ	220UJ
1,2-dichloropropane	450UJ	130UJ	250UJ	220UJ	240UJ	130UJ	220UJ
dibromomethane	450UJ	130UJ	250UJ	220UJ	240UJ	130UJ	220UJ
bromodichloromethane	450UJ	130UJ	250UJ	220UJ	240UJ	130UJ	220UJ
cis-1,3-dichloropropene	450UJ	130UJ	250UJ	220UJ	240UJ	130UJ	220UJ
methyl isobutyl ketone	110UJ	330UJ	620UJ	540UJ	610UJ	320UJ	560UJ
toluene	450UJ	130UJ	250UJ	220UJ	240UJ	130UJ	220UJ
trans-1,3-dichloropropene	450UJ	130UJ	250UJ	220UJ	240UJ	130UJ	220UJ
1,1,2-trichloroethane	450UJ	130UJ	250UJ	220UJ	240UJ	130UJ	220UJ
tetrachloroethene (tetrachloroethylene)	450UJ	130UJ	250UJ	220UJ	240UJ	130UJ	220UJ
1,3-dichloropropane	450UJ	130UJ	250UJ	220UJ	240UJ	130UJ	220UJ
methyl butyl ketone	110U	330UJ	620UJ	540UJ	610UJ	320UJ	560UJ
dibromochloromethane	450UJ	130UJ	250UJ	220UJ	240UJ	130UJ	220UJ
chlorobenzene	450UJ	130UJ	250UJ	220UJ	240UJ	130UJ	220UJ
1,1,1,2-tetrachloroethane	450UJ	130UJ	250UJ	220UJ	240UJ	130UJ	220UJ
ethyl benzene	450UJ	130UJ	250UJ	220UJ	240UJ	130UJ	220UJ
(m- and/or p-) xylene	450UJ	130UJ	250UJ	220UJ	240UJ	130UJ	220UJ
o-xylene	450UJ	130UJ	250UJ	220UJ	240UJ	130UJ	220UJ
styrene	450UJ	130UJ	250UJ	220UJ	240UJ	130UJ	220UJ
bromoform	450UJ	130UJ	250UJ	220UJ	240UJ	130UJ	220UJ
bromobenzene	450UJ	130UJ	250UJ	220UJ	240UJ	130UJ	220UJ
1,1,2,2-tetrachloroethane	450UJ	130UJ	250UJ	220UJ	240UJ	130UJ	220UJ
1,2,3-trichloropropane	450UJ	130UJ	250UJ	220UJ	240UJ	130UJ	220UJ
o-chlorotoluene	450UJ	130UJ	250UJ	220UJ	240UJ	130UJ	220UJ
p-chlorotoluene	450UJ	130UJ	250UJ	220UJ	240UJ	130UJ	220UJ
1,3-dichlorobenzene	450UJ	130UJ	250UJ	220UJ	240UJ	130UJ	220UJ
1,4-dichlorobenzene	450UJ	130UJ	250UJ	220UJ	240UJ	130UJ	220UJ
1,2-dichlorobenzene	450UJ	130UJ	250UJ	220UJ	240UJ	130UJ	220UJ
thiobismethane							

APPENDIX D

BRUNSWICK FISH DATA

D-1: METALS

D-2: PCBs/PESTICIDES

D-3: EXTRACTABLE ORGANICS

BRUNSWICK COMMUNITY BASED STUDY
APPENDIX D-1: Metals in Whole Fish - 12/95 (cont.)

Compound	Stations													
	BR041	BR042	BR043	BR044	BR047	BR048	BR049	BR050	BR051	BR053	BR054	BR055	BR058	BR062
silver	1.0U	1.0U	1.0U	1.0U	0.99U	1.0U	0.99U	1.0U	0.98U	0.99U	0.99U	0.99U	0.98U	1.0U
arsenic	1	1.0U	1.0U	1.0U	1.0U	1.1	1.0U	1.0U	2.0U	1.0U	1.4	0.099U	1.0U	1.0U
boron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
barium	1.0U	2.8	2.4	1.1	0.99U	1.2	0.99U	1.2	0.98U	1.1	0.99U	0.99U	0.98U	1.4
beryllium	0.05U	0.05U	0.05U	0.05U	0.05U	0.05U	0.49U	0.05U	0.49U	0.5U	0.5U	0.5U	0.5U	0.5U
cadmium	0.05U	0.05U	0.05U	0.05U	0.05U	0.05U	0.49U	0.05U	0.49U	0.5U	0.5U	0.5U	0.5U	0.5U
cobalt	1.0U	1.0U	1.0U	1.0U	0.99U	1.0U	0.99U	1.0U	0.98U	0.99U	0.99U	0.99U	0.98U	1.0U
chromium	1.0U	1.0U	1.0U	1.0U	0.99U	1.0U	0.99U	1.0U	0.98U	0.99U	0.99U	1.7	0.98U	1.0U
copper	2.3	3.4	2.6	2	1.1	2.2	1.4	2.4	4.5	2.6	1.2	1.7	1.9	2.8
molybdenum	1.0U	1.0U	1.0U	1.0U	0.99U	1.0U	0.99U	1.0U	0.98U	0.99U	0.99U	0.99U	0.98U	1.0U
nickel	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	4	2.0U	2.0U
lead	0.10U	0.10U	0.10U	0.10U	0.10U	0.19	0.10U	0.10U	0.10U	0.10U	0.10U	0.099U	0.099U	0.10U
antimony	3.0U	3.0U	3.0U	3.0U	3.0U	4.5U	3.0U	3.0U	3.0U	4.5U	4.5U	3.0U	3.0U	3.0U
selenium	4.0U	4.0U	4.0U	4.0U	4.0U	4.0U	4.0U	4.0U	3.9U	4.0U	4.0U	4.0U	3.9U	4.0U
tin	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U
strontium	76	79	77	80	80	82	59	82	90	59	85	65	82	79
tellurium	5.0U	5.0U	5.0U	5.0U	5.0U	5.0U	4.9U	5.0U	4.9U	5.0U	5.0U	5.0U	4.9U	5.0U
titanium	1.8	1.0U	1.2U	1.7	1.7	2.4	3.5	2.2	1.2	2.8	1.7	2.2	3.9	1
thallium	10U	10U	10U	10U	9.9U	10U	9.9U	10U	9.8U	9.9U	9.9U	9.9U	9.8U	10U
vanadium	1.0U	1.0U	1.0U	1.0U	0.99U	1.0U	0.99U	1.0U	0.98U	0.99U	0.99U	0.99U	0.98U	1.0U
yttrium	1.0U	1.0U	1.0U	1.0U	0.99U	1.0U	0.99U	1.0U	0.98U	0.99U	0.99U	0.99U	0.98U	1.0U
zinc	36	35	30	50	37	53	35	39	39	37	32	32	33	36
zirconium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
mercury	0.02U	0.069	0.083	0.044	0.02U	0.051	0.02U	0.038	0.036	0.03	0.02U	0.023	0.02U	0.023
aluminum	66	26	46	91	69	110	160	100	35	140	100	120	220	43
manganese	7.5	14	11	9.3	7.3	8.6	9.6	9.6	7.2	12	50	8.3	11	12
calcium	12000	14000	14000	14000	13000	14000	11000	13000	13000	11000	13000J	11000	1200	13000
magnesium	510	460	480	600	460	550	480	560	520	550	480	530	540	440
iron	53	28	49	58	57	72	110	72	32	100	88	73	140	35
sodium	1900	1500	1300	2200	1400	1800	1600	2000	1700	1900	1500	2300	1800	1300
potassium	2900	3000	3200	3200	3200	3200	3000	3100	3000	2900	3000	2700	3100	2700

Compound	Stations									
	BR063	BR064	BR066	BR067	BR068	BR069	BR070	BR071	BR072	BR081
silver	1.0U	0.99U	1.0U	0.99U	0.99U	1.0U	0.99U	1.0U	0.99U	1.0U
arsenic	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	1.0U
boron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
barium	1.3	0.99U	1.0U	0.99U	1.2	1.0U	0.99U	1.1	0.99U	1.0U
beryllium	0.5U	0.5U	0.5U	0.5U	0.49U	0.5U	0.5U	0.5U	0.5U	0.5U
cadmium	0.5U	0.5U	0.5U	0.5U	0.49U	0.5U	0.5U	0.5U	0.5U	0.5U
cobalt	1.0U	0.99U	1.0U	0.99U	0.99U	1.0U	0.99U	1.0U	0.99U	1.0U
chromium	1.0U	0.99U	1.0U	0.99U	0.99U	1.0U	0.99U	1.0U	0.99U	1.0U
copper	3.2	1.4	1.9	1.4	1.7	3.2	2.2	3.7	1.4	2.6
molybdenum	1.0U	0.099U	1.0U	0.099U	0.099U	1.0U	0.099U	1.0U	0.099U	1.0U
nickel	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
lead	0.099U	0.099U	0.099U	0.099U	0.099U	0.10U	0.099U	0.10U	0.099U	0.10U
antimony	3.0U	3.0U	3.0U	3.0U	3.0U	3.0U	3.0U	3.0U	3.0U	3.0U
selenium	4.0U	4.0U	4.0U	4.0U	4.0U	4.0U	4.0U	4.0U	4.0U	4.0U
tin	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U	2.5U
strontium	78	79	74	84	70	73	68	73	65	69
tellurium	5.0U	5.0U	5.0U	5.0U	4.9U	5.0U	5.0U	5.0U	5.0U	5.0U
titanium	1.5U	2.2	3.0U	1.9	2.9	2.2	1.4	2.4	1.9	2.7
thallium	10U	9.9U	10U	9.9U	9.9U	10U	9.9U	10U	9.9U	10U
vanadium	1.0U	0.99U	1.0U	0.99U	0.99U	1.0U	1.1	1.0U	0.99U	1.0U
yttrium	1.0U	0.99U	1.0U	0.99U	0.99U	1.0U	0.99U	1.0U	0.99U	1.0U
zinc	40	41	36	32	34	35	34	49	34	35
zirconium	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
mercury	0.05	0.02U	0.02U	0.032	0.046	0.066	0.024	0.029	0.02U	0.02U
aluminum	80	110	160	86	190	130	62	100	83	130
manganese	7.6	6.7	9	9.2	10	9.3	9.3	7.7	5	9.1
calcium	13000	12000	12000	13000	11000	11000	12000	14000	10000	11000
magnesium	580	530	480	470	490	520	490	530	460	500
iron	55	80	110	69	130	91	41	71	59	93
sodium	2100	1800	1600	1400	1600	1800	1600	1700	1500	2000
potassium	3400	3500	3100	2900	3000	3200	3100	3100	3300	3000

BRUNSWICK COMMUNITY BASED STUDY
APPENDIX D-1: Metals in Whole Fish - 12/95 (cont.)

Stations with QAQC Samples

Compound	BR041	BR042	BR049	BR069
silver	1.0U	1.0U	0.99U	1.0U
arsenic	1.8	1.3	1.0U	1.0U
boron	NA	NA	NA	NA
barium	1.0U	1.0U	0.99U	1.0U
beryllium	0.5U	0.5U	0.49U	0.5U
cadmium	0.5U	0.5U	0.49U	0.5U
cobalt	1.0U	1.0U	0.99U	1.0U
chromium	1.0U	1.0U	0.99U	1.0U
copper	2.1	3.4	1.5	3.4
molybdenum	1.0U	1.0U	0.99U	1.0U
nickel	2.0U	2.0U	2.0U	2.0U
lead	0.10U	0.1U	0.10U	0.1U
antimony	3.0U	3.0U	3.0U	3.0U
selenium	4.0U	4.0U	4.0U	4.0U
tin	2.5U	2.5U	2.5U	2.5U
strontium	88	84	57	73
tellurium	5.0U	5.0U	4.9U	5.0U
titanium	1.8	1.0U	3.3	2.4
thallium	10U	10U	9.9U	10U
vanadium	1.0U	1.0U	0.99U	1.0U
yttrium	1.0U	1.0U	0.99U	1.0U
zinc	39	37	34	37
zirconium	NA	NA	NA	NA
mercury	0.02U	0.082	0.02U	0.068
aluminum	71	28	140	130
manganese	8.2	15	9.2	9.5
calcium	13000	16000	10000	12000
magnesium	570	480	470	540
iron	54	29	100	96
sodium	2100	1500	1600	1800
potassium	3400	3000	3000	3400

BRUNSWICK COMMUNITY BASED STUDY
APPENDIX D-2: PCB's & Pesticides in Whole Fish - 12/95 (cont.)

Stations

Compound	BR041	BR042	BR043	BR044	BR047	BR048	BR049	BR050	BR051	BR053	BR054	BR055	BR058	BR062
aldrin	0.041UJ	0.079UJ	0.13U	0.13U	0.036U	0.038U	1.4U	0.040U	0.041U	0.036U	0.040U	0.055U	0.058U	0.066U
heptachlor	0.041UJ	0.079UJ	0.13U	0.13U	0.036U	0.038U	1.4U	0.040U	0.041U	0.036U	0.040U	0.055U	0.058U	0.066U
heptachlor epoxide	0.041UJ	0.079UJ	0.13U	0.13U	0.036U	0.038U	1.4U	0.040U	0.041U	0.036U	0.040U	0.055U	0.058U	0.066U
alpha-bhc	0.041UJ	0.079UJ	0.13U	0.13U	0.036U	0.038U	1.4U	0.040U	0.041U	0.036U	0.040U	0.055U	0.058U	0.066U
beta-bhc	0.041UJ	0.079UJ	0.13U	0.13U	0.036U	0.038U	1.4U	0.040U	0.041U	0.036U	0.040U	0.055U	0.058U	0.066U
gamma-bhc (lindane)	0.041UJ	0.079UJ	0.13U	0.13U	0.036U	0.038U	1.4U	0.040U	0.041U	0.036U	0.040U	0.055U	0.058U	0.066U
delta-bhc	0.041UJ	0.079UJ	0.13U	0.13U	0.036U	0.038U	1.4U	0.040U	0.041U	0.036U	0.040U	0.055U	0.058U	0.066U
endosulfan I (alpha)	0.041UJ	0.079UJ	0.13U	0.13U	0.036U	0.038U	1.4U	0.040U	0.041U	0.036U	0.040U	0.055U	0.058U	0.066U
dieldrin	0.041UJ	0.079UJ	0.13U	0.13U	0.036U	0.038U	1.4U	0.040U	0.041U	0.036U	0.040U	0.055U	0.058U	0.066U
4, 4' - DDT (P, P' -DDT)	0.041UJ	0.079UJ	0.13U	0.13U	0.036U	0.038U	1.4U	0.040U	0.041U	0.036U	0.040U	0.055U	0.058U	0.066U
4, 4' - DDE (P, P' -DDE)	0.041UJ	0.079UJ	0.13U	0.13U	0.036U	0.038U	1.4U	0.040U	0.041U	0.036U	0.040U	0.055U	0.058U	0.066U
4, 4' - DDD (P, P' -DDD)	0.041UJ	0.079UJ	0.13U	0.13U	0.036U	0.038U	1.4U	0.040U	0.041U	0.036U	0.040U	0.055U	0.058U	0.066U
endrin	0.041UJ	0.079UJ	0.13U	0.13U	0.036U	0.038U	1.4U	0.040U	0.041U	0.036U	0.040U	0.055U	0.058U	0.066U
endosulfan II (beta)	0.041UJ	0.079UJ	0.13U	0.13U	0.036U	0.038U	1.4U	0.040U	0.041U	0.036U	0.040U	0.055U	0.058U	0.066U
endosulfan sulfate	0.041UJ	0.079UJ	0.13U	0.13U	0.036U	0.038U	1.4U	0.040U	0.041U	0.036U	0.040U	0.055U	0.058U	0.066U
chlordane (tech. mixture)	0.10UJ	0.19UJ	0.31U	0.31U	0.090U	0.19U	3.5U	0.099U	0.10U	0.090U	0.099U	0.14U	0.14U	0.16U
PCB - 1242 (Aroclor 1242)	0.21UJ	0.040UJ	0.65U	0.65U	0.18U	0.38U	7.0U	0.20U	0.21U	0.18U	0.20U	0.27U	0.29U	0.33U
PCB - 1254 (Aroclor 1254)	0.21UJ	0.040UJ	0.65U	0.65U	0.18U	0.38U	7.0U	0.20U	0.21U	0.18U	0.20U	0.27U	0.29U	0.33U
PCB - 1221 (Aroclor 1221)	0.21UJ	0.040UJ	0.65U	0.65U	0.18U	0.38U	7.0U	0.20U	0.21U	0.18U	0.20U	0.27U	0.29U	0.33U
PCB - 1232 (Aroclor 1232)	0.21UJ	0.040UJ	0.65U	0.65U	0.18U	0.38U	7.0U	0.20U	0.21U	0.18U	0.20U	0.27U	0.29U	0.33U
PCB - 1248 (Aroclor 1248)	0.21UJ	0.040UJ	0.65U	0.65U	0.18U	0.38U	7.0U	0.20U	0.21U	0.18U	0.20U	0.27U	0.29U	0.33U
PCB - 1260 (Aroclor 1260)	0.21UJ	0.040UJ	0.65U	0.65U	0.18U	0.38U	7.0U	0.20U	0.21U	0.18U	0.20U	0.27U	0.29U	0.33U
PCB - 1016 (Aroclor 1016)	0.21UJ	0.040UJ	0.65U	0.65U	0.18U	0.38U	7.0U	0.20U	0.21U	0.18U	0.20U	0.27U	0.29U	0.33U
toxaphene	1.6UJ	3.1UJ	5.0U	5.0U	1.4U	2.3U	19J	1.5U	1.6U	1.4U	1.5U	2.1U	2.3U	2.6U
chlordene														
alpha-chlordene														
beta-chlordene														
gamma-chlordene														
gamma-chlordane														
trans-nonachlor														
alpha-chlordane														
cis-nonachlor														
oxychlordane														
methoxychlor	0.41UJ	0.79UJ	1.3U	1.3U	0.36U	0.38U	3.5U	0.40U	0.41U	0.36U	0.40U	0.54U	0.58U	0.66U
endrin ketone	0.041UJ	0.079UJ	0.13U	0.13U	0.036U	0.038U	3.5U	0.040U	0.041U	0.036U	0.040U	0.055U	0.058U	0.066U
arochlor	0.21UJ	0.19UJ	0.31U	0.31U	0.18U	0.38U	3.5U	0.20U	0.21U	0.18U	0.20U	0.46U	0.29U	0.16U

Stations

Compound	BR063	BR064	BR066	BR067	BR068	BR069	BR070	BR071	BR072	BR081
aldrin	0.066U	0.079U	0.037U	0.039U	0.066U	0.066U	0.066U	0.066U	0.066U	0.066U
heptachlor	0.066U	0.079U	0.037U	0.039U	0.066U	0.066U	0.066U	0.066U	0.066U	0.066U
heptachlor epoxide	0.066U	0.079U	0.037U	0.039U	0.066U	0.066U	0.066U	0.066U	0.066U	0.066U
alpha-bhc	0.066U	0.079U	0.037U	0.039U	0.066U	0.066U	0.066U	0.066U	0.066U	0.066U
beta-bhc	0.066U	0.079U	0.037U	0.039U	0.066U	0.066U	0.066U	0.066U	0.066U	0.066U
gamma-bhc (lindane)	0.066U	0.079U	0.037U	0.039U	0.066U	0.066U	0.066U	0.066U	0.066U	0.066U
delta-bhc	0.066U	0.079U	0.037U	0.039U	0.066U	0.066U	0.066U	0.066U	0.066U	0.066U
endosulfan I (alpha)	0.066U	0.079U	0.037U	0.039U	0.066U	0.066U	0.066U	0.066U	0.066U	0.066U
dieldrin	0.066U	0.079U	0.037U	0.039U	0.066U	0.066U	0.066U	0.066U	0.066U	0.066U
4, 4' - DDT (P, P' -DDT)	0.066U	0.079U	0.037U	0.039U	0.066U	0.066U	0.066U	0.066U	0.066U	0.066U
4, 4' - DDE (P, P' -DDE)	0.066U	0.079U	0.037U	0.039U	0.066U	0.066U	0.066U	0.066U	0.066U	0.066U
4, 4' - DDD (P, P' -DDD)	0.066U	0.079U	0.037U	0.039U	0.066U	0.066U	0.066U	0.066U	0.066U	0.066U
endrin	0.066U	0.079U	0.037U	0.039U	0.066U	0.066U	0.066U	0.066U	0.066U	0.066U
endosulfan II (beta)	0.066U	0.079U	0.037U	0.039U	0.066U	0.066U	0.066U	0.066U	0.066U	0.066U
endosulfan sulfate	0.066U	0.079U	0.037U	0.039U	0.066U	0.066U	0.066U	0.066U	0.066U	0.066U
chlordane (tech. mixture)	0.16U	0.19U	0.88U	0.094U	0.16U	0.16U	0.16U	0.16U	0.16U	0.16U
PCB - 1242 (Aroclor 1242)	0.33U	0.40U	0.016U	0.20U	0.33U	0.33U	0.33U	0.33U	0.33U	0.33U
PCB - 1254 (Aroclor 1254)	0.33U	0.40U	0.016U	0.20U	0.33U	0.33U	0.33U	0.33U	0.33U	0.33U
PCB - 1221 (Aroclor 1221)	0.33U	0.40U	0.016U	0.20U	0.33U	0.33U	0.33U	0.33U	0.33U	0.33U
PCB - 1232 (Aroclor 1232)	0.33U	0.40U	0.016U	0.20U	0.33U	0.33U	0.33U	0.33U	0.33U	0.33U
PCB - 1248 (Aroclor 1248)	0.33U	0.40U	0.016U	0.20U	0.33U	0.33U	0.33U	0.33U	0.33U	0.33U
PCB - 1260 (Aroclor 1260)	0.33U	0.40U	0.016U	0.20U	0.33U	0.33U	0.33U	0.33U	0.33U	0.33U
PCB - 1016 (Aroclor 1016)	0.33U	0.40U	0.016U	0.20U	0.33U	0.33U	0.33U	0.33U	0.33U	0.33U
toxaphene	2.6U	3.1U	1.4U	1.5U	2.6U	2.6U	2.6U	2.6U	2.6U	2.6U
chlordene			1.4U							
alpha-chlordene			1.4U							
beta-chlordene			1.4U							
gamma-chlordene			1.4U							
gamma-chlordane			1.4U							
trans-nonachlor			1.4U							
alpha-chlordane			1.4U							
cis-nonachlor			1.4U							
oxychlordane			1.4U							
methoxychlor	0.66U	0.79U	0.037U	0.39U	0.66U	0.66U	0.66U	0.66U	0.66U	0.66U
endrin ketone	0.066U	0.079U	0.037U	0.039U	0.066U	0.066U	0.066U	0.066U	0.066U	0.066U
arochlor	0.16U	0.19U	0.18U	0.19U	0.19U	0.16U	0.16U	0.16U	0.16U	0.29U

Stations with QAQC Samples

BR041	BR042	BR049	BR069
0.079U	0.035U	1.4U	0.066U
0.079U	0.035U	1.4U	0.066U
0.079U	0.035U	1.4U	0.066U
0.079U	0.035U	1.4U	0.066U
0.079U	0.035U	1.4U	0.066U
0.079U	0.035U	1.4U	0.066U
0.079U	0.035U	1.4U	0.066U
0.079U	0.035U	1.4U	0.066U
0.079U	0.035U	1.4U	0.066U
0.079U	0.035U	1.4U	0.066U
0.079U	0.035U	1.4U	0.066U
0.079U	0.035U	1.4U	0.066U
0.079U	0.035U	1.4U	0.066U
0.079U	0.035U	1.4U	0.066U
0.079U	0.035U	1.4U	0.066U
0.079U	0.035U	1.4U	0.066U
0.19U	0.088U	3.5U	0.16U
0.40U	0.18U	7.0U	0.33U
0.40U	0.18U	7.0U	0.33U
0.40U	0.18U	7.0U	0.33U
0.40U	0.18U	7.0U	0.33U
0.40U	0.18U	7.0U	0.33U
0.40U	0.18U	7.0U	0.33U
0.40U	0.18U	7.0U	0.33U
3.1U	1.4U	27J	2.6U
0.79U	0.35U	3.5U	0.66U
0.079U	0.035U	3.5U	0.066U
0.19U	0.18U	3.5U	0.16U

BRUNSWICK COMMUNITY BASED STUDY
APPENDIX D-3: Extractable Organics in Whole Fish - 12/95 (cont.)

Compound	Stations													
	BR041	BR042	BR043	BR044	BR047	BR048	BR049	BR050	BR051	BR053	BR054	BR055	BR058	BR062
(3-&/or 4-) methylphenol	8.3UJ	7.7UJ	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
1, 2, 4-trichlorobenzene	8.3UJ	7.7U	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
2, 2'-chloroisopropylether	8.3UJ	7.7U	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
2, 3, 4, 6-tetrachlorophenol	8.3UJ	7.7UJ	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
2, 4, 5-trichlorophenol	8.3UJ	7.7UJ	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
2, 4, 6-trichlorophenol	8.3UJ	7.7UJ	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
2, 4-dichlorophenol	8.3UJ	7.7UJ	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
2 ,4-dimethylphenol	8.3UJ	7.7UJ	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
2, 4-dinitrophenol	17UJ	15UJ	25UJ	28UJ	14UJ	15U	14U	15U	17U	15U	16U	44U	23U	15U
2, 4-dinitrotoluene	8.3UJ	7.7U	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
2, 6-dinitrotoluene	8.3UJ	7.7U	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
2-chloronaphthalene	8.3UJ	7.7U	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
2-chlorophenol	8.3UJ	7.7UJ	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
2-methyl-4, 6-dinitrophenol	17UJ	15UJ	25UJ	28UJ	14UJ	15U	14U	15U	17U	15U	16U	44U	23U	15U
2-methylnaphthalene	8.3UJ	7.7U	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
2-methylphenol	8.3UJ	7.7UJ	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
2-nitroaniline	8.3UJ	7.7U	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
2-nitrophenol	8.3UJ	7.7UJ	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
3, 3'-dichlorobenzidine	8.3UJ	7.7U	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
3-nitroaniline	8.3UJ	7.7U	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
4-bromophenyl phenyl ether	8.3UJ	7.7U	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
4-chloro-3-methylphenol	8.3UJ	7.7UJ	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
4-chloroaniline	8.3UJ	7.7U	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
4-chlorophenyl phenyl ether	8.3UJ	7.7U	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
4-nitroaniline	8.3UJ	7.7U	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
4-nitrophenol	17UJ	15UJ	25UJ	28UJ	14UJ	15U	14U	15U	17U	15U	16U	44U	23U	15U
acenaphthene	8.3UJ	7.7U	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
acenaphthylene	8.3UJ	7.7U	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
anthracene	8.3UJ	7.7U	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
benzo(a)anthracene	8.3UJ	7.7U	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
benzo(b &/or k) fluoranthene	8.3UJ	7.7U	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
benzo(ghi)perylene	8.3UJ	7.7U	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
benzo-a-pyrene	8.3UJ	7.7U	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
benzyl butyl phthalate	8.3UJ	7.7U	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
bis (2-chloroethoxy) methane	8.3UJ	7.7U	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
bis (2-chloroethyl) ether	8.3UJ	7.7U	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
bis (2-ethylhexyl) phthalate	8.3UJ	7.7U	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
carbazole	8.3UJ	7.7U	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
chrysene	8.3UJ	7.7U	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
di-n-butylphthalate	8.3UJ	7.7U	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
di-n-octylphthalate	8.3UJ	7.7U	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
dibenzo (a, h) anthracene	8.3UJ	7.7U	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
dibenzofuran	8.3UJ	7.7U	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
diethyl phthalate	8.3UJ	7.7U	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
dimethyl phthalate	8.3UJ	7.7U	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
fluoranthene	8.3UJ	7.7U	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
fluorene	8.3UJ	7.7U	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
hexachlorobenzene (hcb)	8.3UJ	7.7U	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
hexachlorobutadiene	8.3UJ	7.7U	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
hexachlorocyclopentadiene (hccp)	8.3UJ	7.7U	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
hexachloroethane	8.3UJ	7.7U	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
indeno (1, 2, 3-cd) pyrene	8.3UJ	7.7U	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
isophorone	8.3UJ	7.7U	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
n-nitrosodi-n-propylamine	8.3UJ	7.7U	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
n-nitrosodiphenylamine/diphenylamine	8.3UJ	7.7U	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
naphthalene	8.3UJ	7.7U	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
nitrobenzene	8.3UJ	7.7U	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
pentachlorophenol	17UJ	15UJ	25UJ	28UJ	14UJ	15U	14U	15U	17U	15U	16U	44U	23U	15U
phenanthrene	8.3UJ	7.7U	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
phenol	8.3UJ	7.7UJ	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
pyrene	8.3UJ	7.7U	12UJ	14UJ	7.2UJ	7.7U	7.0U	7.7U	8.5U	7.4U	7.9U	22U	12U	7.4U
heptadecanoic acid								20JN				30JN		10JN
heptadecenoic acid														
hexadecanoic acid	100JN	200JN	200JN	700JN	400JN	600JN	600JN	600JN	300JN	300JN	500JN	500JN	200JN	300JN
hexadecenoic acid	200JN	200JN	300JNJ	600JN	700JN	600JN	800JN	700JN	800JN	600JN	700JN	700JN	300JN	500JN
octadecanoic acid	10JN	20JN	20JN	80JN		50JN	40JN	70JN	30JN	40JN	50JN	70JN	30JN	30JN
pentadecanoic acid				20JN	10JN	30JN	30JN	40JN	10JN	10JN	30JN			10JN
tetradecanoic acid				20JN	20JN	40JN	40JN	40JN	30JN	20JN	40JN			20JN

BRUNSWICK COMMUNITY BASED STUDY
APPENDIX D-3: Extractable Organics in Whole Fish - 12/95 (cont.)

Compound	Stations									
	BR063	BR064	BR066	BR067	BR068	BR069	BR070	BR071	BR072	BR081
(3-&/or 4-) methylphenol	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
1, 2, 4-trichlorobenzene	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
2, 2'-chloroisopropylether	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
2, 3, 4, 6-tetrachlorophenol	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
2, 4, 5-trichlorophenol	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
2, 4, 6-trichlorophenol	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
2, 4-dichlorophenol	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
2 ,4-dimethylphenol	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
2, 4-dinitrophenol	14U	16U	15U	16U	15U	13U	14U	13U	14U	14U
2, 4-dinitrotoluene	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
2, 6-dinitrotoluene	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
2-chloronaphthalene	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
2-chlorophenol	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
2-methyl-4, 6-dinitrophenol	14U	16U	15U	16U	15U	13U	14U	13U	14U	14U
2-methylnaphthalene	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
2-methylphenol	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
2-nitroaniline	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
2-nitrophenol	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
3, 3'-dichlorobenzidine	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
3-nitroaniline	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
4-bromophenyl phenyl ether	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
4-chloro-3-methylphenol	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
4-chloroaniline	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
4-chlorophenyl phenyl ether	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
4-nitroaniline	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
4-nitrophenol	14U	16U	15U	16U	15U	13U	14U	13U	14U	14U
acenaphthene	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
acenaphthylene	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
anthracene	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
benzo(a)anthracene	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
benzo(b &/or k) fluoranthene	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
benzo(ghi)perylene	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
benzo-a-pyrene	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
benzyl butyl phthalate	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
bis (2-chloroethoxy) methane	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
bis (2-chloroethyl) ether	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
bis (2-ethylhexyl) phthalate	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
carbazole	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
chrysene	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
di-n-butylphthalate	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
di-n-octylphthalate	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
dibenzo (a, h) anthracene	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
dibenzofuran	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
diethyl phthalate	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
dimethyl phthalate	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
fluoranthene	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
fluorene	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
hexachlorobenzene (hcb)	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
hexachlorobutadiene	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
hexachlorocyclopentadiene (hccp)	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
hexachloroethane	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
indeno (1, 2, 3-cd) pyrene	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
isophorone	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
n-nitrosodi-n-propylamine	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
n-nitrosodiphenylamine/diphenylamine	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
naphthalene	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
nitrobenzene	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
pentachlorophenol	14U	16U	15U	16U	15U	13U	14U	13U	14U	14U
phenanthrene	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
phenol	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
pyrene	7.1U	7.8U	7.4U	7.8U	7.4U	6.7U	7.0U	6.6U	7.0U	6.9U
heptadecanoic acid	10JN				10JN	10JN				
heptadecenoic acid										
hexadecanoic acid	200JN		100JN	300JN	500JN	600JN	800JN	600JN	600JN	600JN
hexadecenoic acid	300JN	400JN	300JN	500JN	600JN	700JN	900JN	900JN	1000JN	1000JN
octadecanoic acid	30JN	20JN	20JN	30JN	50JN	40JN	100JN	80JN	70JN	70JN
pentadecanoic acid	10JN	10JN		10JN	30JN	20JN	20JN	20JN	20JN	20JN
tetradecanoic acid	10JN	20JN		10JN	30JN	30JN			40JN	30JN

BRUNSWICK COMMUNITY BASED STUDY
APPENDIX D-3: Extractable Organics in Whole Fish - 12/95 (cont.)

Stations with QAQC Samples

Compound	BR041	BR042	BR049	BR069
(3-&/or 4-) methylphenol	7.7U	7.1U	7.0U	7.0U
1, 2, 4-trichlorobenzene	7.7U	7.1U	7.0U	7.0U
2, 2'-chloroisopropylether	7.7U	7.1U	7.0U	7.0U
2, 3, 4, 6-tetrachlorophenol	7.7U	7.1U	7.0U	7.0U
2, 4, 5-trichlorophenol	7.7U	7.1U	7.0U	7.0U
2, 4, 6-trichlorophenol	7.7U	7.1U	7.0U	7.0U
2, 4-dichlorophenol	7.7U	7.1U	7.0U	7.0U
2 ,4-dimethylphenol	15U	14U	14U	14U
2, 4-dinitrophenol	7.7U	7.1U	7.0U	7.0U
2, 4-dinitrotoluene	7.7U	7.1U	7.0U	7.0U
2, 6-dinitrotoluene	7.7U	7.1U	7.0U	7.0U
2-chloronaphthalene	7.7U	7.1U	7.0U	7.0U
2-chlorophenol	7.7U	7.1U	7.0U	7.0U
2-methyl-4, 6-dinitrophenol	15U	14U	14U	14U
2-methylnaphthalene	7.7U	7.1U	7.0U	7.0U
2-methylphenol	7.7U	7.1U	7.0U	7.0U
2-nitroaniline	7.7U	7.1U	7.0U	7.0U
2-nitrophenol	7.7U	7.1U	7.0U	7.0U
3, 3'-dichlorobenzidine	7.7U	7.1U	7.0U	7.0U
3-nitroaniline	7.7U	7.1U	7.0U	7.0U
4-bromophenyl phenyl ether	7.7U	7.1U	7.0U	7.0U
4-chloro-3-methylphenol	7.7U	7.1U	7.0U	7.0U
4-chloroaniline	7.7U	7.1U	7.0U	7.0U
4-chlorophenyl phenyl ether	7.7U	7.1U	7.0U	7.0U
4-nitroaniline	7.7U	7.1U	7.0U	7.0U
4-nitrophenol	15U	14U	14U	14U
acenaphthene	7.7U	7.1U	7.0U	7.0U
acenaphthylene	7.7U	7.1U	7.0U	7.0U
anthracene	7.7U	7.1U	7.0U	7.0U
benzo(a)anthracene	7.7U	7.1U	7.0U	7.0U
benzo(b &/or k) fluoranthene	7.7U	7.1U	7.0U	7.0U
benzo(ghi)perylene	7.7U	7.1U	7.0U	7.0U
benzo-a-pyrene	7.7U	7.1U	7.0U	7.0U
benzyl butyl phthalate	7.7U	7.1U	7.0U	7.0U
bis (2-chloroethoxy) methane	7.7U	7.1U	7.0U	7.0U
bis (2-chloroethyl) ether	7.7U	7.1U	7.0U	7.0U
bis (2-ethylhexyl) phthalate	7.7U	7.1U	7.0U	7.0U
carbazole	7.7U	7.1U	7.0U	7.0U
chrysene	7.7U	7.1U	7.0U	7.0U
di-n-butylphthalate	7.7U	7.1U	7.0U	7.0U
di-n-octylphthalate	7.7U	7.1U	7.0U	7.0U
dibenzo (a, h) anthracene	7.7U	7.1U	7.0U	7.0U
dibenzofuran	7.7U	7.1U	7.0U	7.0U
diethyl phthalate	7.7U	7.1U	7.0U	7.0U
dimethyl phthalate	7.7U	7.1U	7.0U	7.0U
fluoranthene	7.7U	7.1U	7.0U	7.0U
fluorene	7.7U	7.1U	7.0U	7.0U
hexachlorobenzene (hcb)	7.7U	7.1U	7.0U	7.0U
hexachlorobutadiene	7.7U	7.1U	7.0U	7.0U
hexachlorocyclopentadiene (hccp)	7.7U	7.1U	7.0U	7.0U
hexachloroethane	7.7U	7.1U	7.0U	7.0U
indeno (1, 2, 3-cd) pyrene	7.7U	7.1U	7.0U	7.0U
isophorone	7.7U	7.1U	7.0U	7.0U
n-nitrosodi-n-propylamine	7.7U	7.1U	7.0U	7.0U
n-nitrosodiphenylamine/diphenylamine	7.7U	7.1U	7.0U	7.0U
naphthalene	7.7U	7.1U	7.0U	7.0U
nitrobenzene	7.7U	7.1U	7.0U	7.0U
pentachlorophenol	15U	14U	14U	14U
phenanthrene	7.7U	7.1U	7.0U	7.0U
phenol	7.7U	7.1U	7.0U	7.0U
pyrene	7.7U	7.1U	7.0U	7.0U
heptadecanoic acid			40JN	
heptadecenoic acid			70JN	
hexadecanoic acid	800JN	400JN	800JN	700JN
hexadecenoic acid	2000JN	600JN	1000JN	900JN
octadecanoic acid		50JN	70JN	70JN
pentadecanoic acid	30JN	10JN	60JN	20JN
tetradecanoic acid	30JN	20JN	90JN	