FRESHWATER PROGRAM

# Sammamish River Water and Sediment Quality Assessment

# Final Report

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King County

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# EXECUTIVE SUMMARY

The Sammamish River is an important riparian habitat located in the large metropolitan area of greater Seattle. The Sammamish River (The River) supplies approximately 40% of Lake Washington's water flow and acts as a migration corridor for fish and wildlife, including federally-protected salmon that rely on the river for passage between rearing or spawning areas and the ocean. Before restoration, salmon recovery, and/or other efforts (e.g., water reuse implementation) within the Sammamish Corridor (the River and the riparian area in the valley floor up to 1000 feet) can be designed and implemented, it is critical to understand the current chemical and biological conditions of the river. In an attempt to gain further understanding and answer these questions, the Sammamish River Water and Sediment Quality Assessment was conceived. The primary objective was to establish baseline environmental conditions for the Sammamish River to support future King County projects, such as use of reclaimed water within the basin. This report presents the results of the Sammamish River sediment and water quality sampling and assessment that was conducted from 2001-2003.

Benthic invertebrate community and sediment samples were collected in the fall of 2001 and 2003 at 10 stations throughout the study area, while water samples were collected each fall from 2001 to 2003 from these, and 2 additional stations (near the discharge of 2 unnamed tributaries). The sediment and water samples were analyzed for chemistry including metals and organics. Water samples were also analyzed for some endocrine disrupting chemicals (EDCs). In addition, water samples were collected in 2001 at a subset of 6 stations as part of the Small Streams Toxicity Study and analyzed for pesticides with the assistance of the Washington Department of Ecology (Ecology) and US Geological Survey (USGS) National Water Quality Laboratory (NWQL). Toxicity tests using 3 test organisms (*Ceriodaphnia dubia*, *Selenastrum capricornutun* and *Lemna minor*) were also conducted on these samples.

The resulting water chemical concentrations were compared to water quality thresholds which indicated that all metals and organics compounds evaluated were below both acute and chronic thresholds for aquatic life. As has been reported by Washington DOE on the Sammamish River, temperature and dissolved oxygen do not meet state standards for water quality at multiple locations.

Arsenic concentrations in water exceeded water quality thresholds for human health by a factor of about 10 at most stations. Arsenic concentrations increased with downstream location indicating that tributary inputs may play a role. There is uncertainty surrounding the fraction of inorganic to organic arsenic in the measured concentrations. Regionally collected data indicate that the majority of the measured arsenic in River water samples likely reflects background conditions. It is recommended that arsenic concentrations continue to be monitored in water and opportunities to speciate arsenic in water samples be sought. If arsenic concentrations increase, or if it is determined that inorganic arsenic comprises the majority of measured arsenic, further investigation of possible sources in the River may be advisable.

In sediment, arsenic and nickel concentrations were between the threshold effects level (TEL) and probable effects level (PEL) sediment quality guidelines, and therefore, within a range where the likelihood of adverse effects is uncertain. However, the measured arsenic concentrations appear to be within the range of background concentrations measured in local lakes and exceedance of the TEL is limited to 3 stations. Therefore, the risk of adverse effects to aquatic life appears low, but given that arsenic concentrations measured in water exceeded human health thresholds as well, monitoring of sediment arsenic is recommended. Sediment nickel concentrations were consistent at each station and slightly exceeded the TEL. There is

evidence that these concentrations are reflective of natural background concentrations in Puget Sound soils, therefore, no action is necessary at this time.

Water concentrations of some PAHs exceeded human health thresholds, but all ratios were less than 2.0 with highest concentrations in the unnamed tributary discharging to the River at the 124th Street Bridge. Investigation of the flow path and contaminant sources of the detoured tributary water at 124th Street Bridge is recommended. Although bis(2-ethylhexyl)phthalate was detected in water samples from certain stations, these concentrations are concluded to be significantly inflated by contamination in the blank and, therefore, no action is necessary.

Small exceedances of the sediment TEL were observed for five PAHs at select stations. These PAHs were most elevated at the Below Woodin Creek station. However, the observed concentrations are not high enough to exceed the PEL, or Ecology's floating percentile (FP) based sediment quality guidelines. Therefore, risk of adverse effects to aquatic life is considered low. Sediment PAH levels should continue to be monitored and Woodin Creek sediment concentrations should be explored as a possible source of PAHs to the River.

Although three phthalates were detected in River sediments, no risk of adverse effects is predicted because concentrations were either lower than sediment quality guidelines, or blank contamination contributed to elevated concentrations.

EDCs were detected at a number of locations throughout the River. Estradiol, ethynylestradiol, bisphenol A and total 4-nonylphenol were detected. In general, detected concentrations were low. However, the detected levels of some compounds are above literature values observed to cause some effects to aquatic life. Additional data would be necessary to better understand the potential for adverse effects to occur from exposure to these compounds.

During the design phase of the Sammamish River study, it was determined that because of the River's physical and hydrological characteristics, studying and interpreting benthic community data would be a challenge. For example, the Benthic Index of Biotic Integrity (BIBI) is not appropriate to evaluate River habitats as it was developed for wadeable lowland streams. As such, a combination of approaches was used that included using appropriate indices and metrics which are appropriate for the habitat and conditions represented in the River both currently and historically. Additionally, a reference site could not be identified and there were no available historical data for comparison. As such, the individual metrics are interpreted using best professional judgment and based on knowledge of current and historical conditions in the River.

Evaluation of the macroinvertebrate data indicates that in general, the benthic community throughout the River is stressed and degraded (i.e., not meeting its full ecological potential). Diversity is low and the community is dominated by a relatively low number of tolerant organisms. This observed degradation is likely the result of a variety of physical, chemical and biological factors including water quality, limited habitat and lack of riparian vegetation.

Overall, no contaminants were measured at concentrations that indicate significant adverse effects would be predicted with high probability and very few contaminants were measured at concentrations that generate concern for possible risk of adverse effects. Continued monitoring of arsenic, nickel, PAHs and some EDCs is recommended to characterize temporal changes and monitor for increasing concentrations. Samples collected from the unnamed tributary at 124th Street Bridge caused reproductive toxicity to *C. dubia* in toxicity tests. Also, the water samples from this station had some of the highest contaminant concentrations, indicating that

additional contaminant sources may exist somewhere along the tributary, or that this tributary is impacted by unique sources upstream. Investigation of this discharge water and its sources is recommended.

# 1.0 INTRODUCTION

The Sammamish River is a slow-flowing, highly modified river that connects Lakes Sammamish and Washington. The Sammamish River supplies approximately 40% of Lake Washington's water flow and acts as a migration corridor for fish and wildlife, including federally-protected salmon that rely on the river for passage to rearing or spawning areas (e.g., Bear Creek, Issaquah Creek). Although the Sammamish River is important riparian habitat located in the large metropolitan area of greater Seattle, little is known about its water or sediment quality with respect to metals, pesticides, or organic compounds. Therefore, it has been uncertain if water or sediment quality conditions limit reproduction and/or survival of aquatic life, especially federally-protected salmon. A variety of land uses currently exist in the river corridor that likely contribute to the overall contaminant loading to the river (e.g., agriculture, suburban, light industrial). Recent research conducted by National Marine Fisheries Service (NMFS) (Scholz et al. 2000) suggests short-term exposure to low levels (i.e., 1.0 µg/L) of diazinon (one of many pesticides used in the basin) can interfere with the homing behavior of federally-protected Chinook. Diazinon concentrations within the Lake Washington watershed tributaries have been found to exceed 0.1 µg/L (USGS 1997, 1999, King County 2001a). Based on the current land use activities in the Sammamish basin (e.g., suburban residential, agriculture, golf courses), it was suspected that diazinon and a variety of other pesticides and contaminants are present in the river. Whether aquatic life, especially federally-protected salmon, are exposed to harmful levels of compounds associated with non-point source runoff in the basin has been a question.

Before restoration, salmon recovery, and/or other efforts (e.g., water reuse implementation) within the Sammamish Corridor can be designed and implemented, it is critical to understand the current chemical and biological conditions of the river. In an attempt to gain further understanding and answer these questions, the Sammamish River Water and Sediment Quality Assessment was conceived. This project provides some of the information necessary for decision-makers to identify problem areas and assist with management decisions regarding water reuse, Endangered Species Act issues, and watershed management. These data will also be used in a number of modeling applications as part of the Sammamish and Washington Assessment and Modeling Project (SWAMP). Finally, the data collected in this sampling program will be used in the development of a long-term monitoring plan for the Sammamish River.

This report presents the results of the Sammamish River water and sediment quality sampling and assessment. The objectives and study design are summarized in the remainder of this section. Section 3 provides a brief review of the sampling and laboratory analyses, including a summary of analytical QA/QC reports. Section 4 presents the data analysis methods and Section 5 describes the results of the sediment and water quality assessment (i.e. comparison to toxicity thresholds and benthic indices) and summarizes the stream toxicity test results. Finally, recommendations for future activities are made in Section 6.

## 1.1 OBJECTIVES

This study was designed to meet three objectives. The primary objective was to establish baseline environmental conditions for the Sammamish River to support future King County projects, such as use of reclaimed water. Two other, secondary objectives of this study are to generally characterize potential risk to salmonids from exposure to any detected chemicals, and to provide a multi-year chemistry and benthic invertebrate dataset to assist in the development of a long-term monitoring plan.

## 1.2 STUDY DESIGN

The Sammamish River (the River) originates at the north end of Lake Sammamish and flows for about 13 miles to its mouth at the northern tip of Lake Washington. The River drains a watershed of approximately 240 square miles, which includes the Lake Sammamish basin, and the Bear Creek, Little Bear Creek, Swamp Creek and North Creek basins. This study was designed to encompass the full extent of the River mainstem and targets subareas where water and sediment quality conditions may be impacted by extraneous input, such as confluences with major tributaries. The study area was defined between a station at Marymoor Park, the most upstream sampling location, and a station at the Washington Department of Fish and Wildlife (WDFW) boat launch in Kenmore, the most downstream sampling location (Figure 1).

Benthic invertebrate community, sediment, and water samples were collected at 10 stations throughout the study area (Figure 1). In addition to stations located at the most upstream and downstream extent of the study area, five stations were identified below the confluence of tributaries to the River: Bear Creek, Little Bear Creek, North Creek, Swamp Creek and Woodin Creek. Stations were placed below these tributaries with the intent of capturing any potential influence on the parameters to be evaluated. Three additional stations were selected to include other River reaches based on their location adjacent to a potential contaminant source (e.g., golf course, turf farm). In addition to these 10 locations, two additional stations were added for water sample collection only, because they were suspected to receive irrigation drain water from adjacent agricultural land. These stations were located at 2 unnamed tributaries that flow into the River in the vicinity of the 124$^{th}$ Street and 145$^{th}$ Street bridges. Water at these stations originally appeared to be irrigation return water discharging into the River. However, upon post-sampling examination, it was discovered that these waters courses were actually channelized tributaries which had been redirected to flow alongside 124$^{th}$ and 145$^{th}$ Streets for farming purposes before flowing into the Sammamish River. All station names and their associated locators are presented in Table 1.

Water samples were collected in the fall of 2001, 2002, and 2003 and analyzed for conventional parameters, and metal and organic chemical parameters (see Appendix A for a complete analyte list). Field parameter measurements (e.g., pH, dissolved oxygen [DO]) were collected during water sample collection. Due to emerging concerns regarding compounds classified as endocrine disrupting compounds (EDCs), hormones and other EDCs were included in the water analyte list when feasible. In 2001, King County Environmental Lab (KCEL) did not have the capability to analyze EDCs. Therefore, King County teamed with the USGS to collect and analyze water samples using an analytical method developed by USGS that includes 67 compounds typically found in domestic and industrial wastewater (see Appendix B). The method focuses on analysis of compounds that are indicators of wastewater or that were selected based on their potential to cause endocrine disruption. Not all compounds measured by this method are classified as EDCs.

Sediment samples were analyzed for conventional, metal, and organic parameters (Appendix C). Analysis of sediment samples did not target hormones and other EDCs, although some EDCs are included in the analyte list (e.g., bis-2-ethylhexylphthalate). Benthic community analysis involved enumeration and identification to lowest possible taxonomic level (except for chironomid species) and calculation of benthic indices.

In 2001, King County collected additional water samples from the River as part of the Small Stream Toxicity Study (King County 1999, 2000). This study focused on measuring pesticides and their transformation products in surface water samples and testing toxicity of the water to

aquatic organisms. The water chemistry samples for pesticide analyses were split after collection. One sample set was analyzed by the USGS National Water Quality Laboratory (NWQL) in Lakewood, CO, while the other samples were analyzed at the Washington State Department of Ecology Manchester Environmental Laboratory in Manchester, WA (DOE-EL). The NWQL analyzed samples for 47 pesticides and the DOE-EL analyzed samples for 141 pesticides and herbicides. The analyte lists for these methods can be found in Appendices D and E. Chronic toxicity tests were also conducted with a zooplankton, *Ceriodaphnia daphnia*, for reproductive effects and the aquatic plants, *Lemna minor* (duckweed), and *Selenastrum capricornutum* (algae) for growth effects. This study was designed to evaluate samples associated with base flow conditions. Data collected from the River during this study are summarized in this report. Stations that were sampled in the River include:

- Bothell Landing Park Bridge
- the unnamed tributary in the vicinity of the 145th Street Bridge
- 145th Street Bridge
- the unnamed tributary in the vicinity of the 124th Street Bridge and the adjacent irrigation overflow pipe
- 124th Street Bridge
- Marymoor Park Bridge

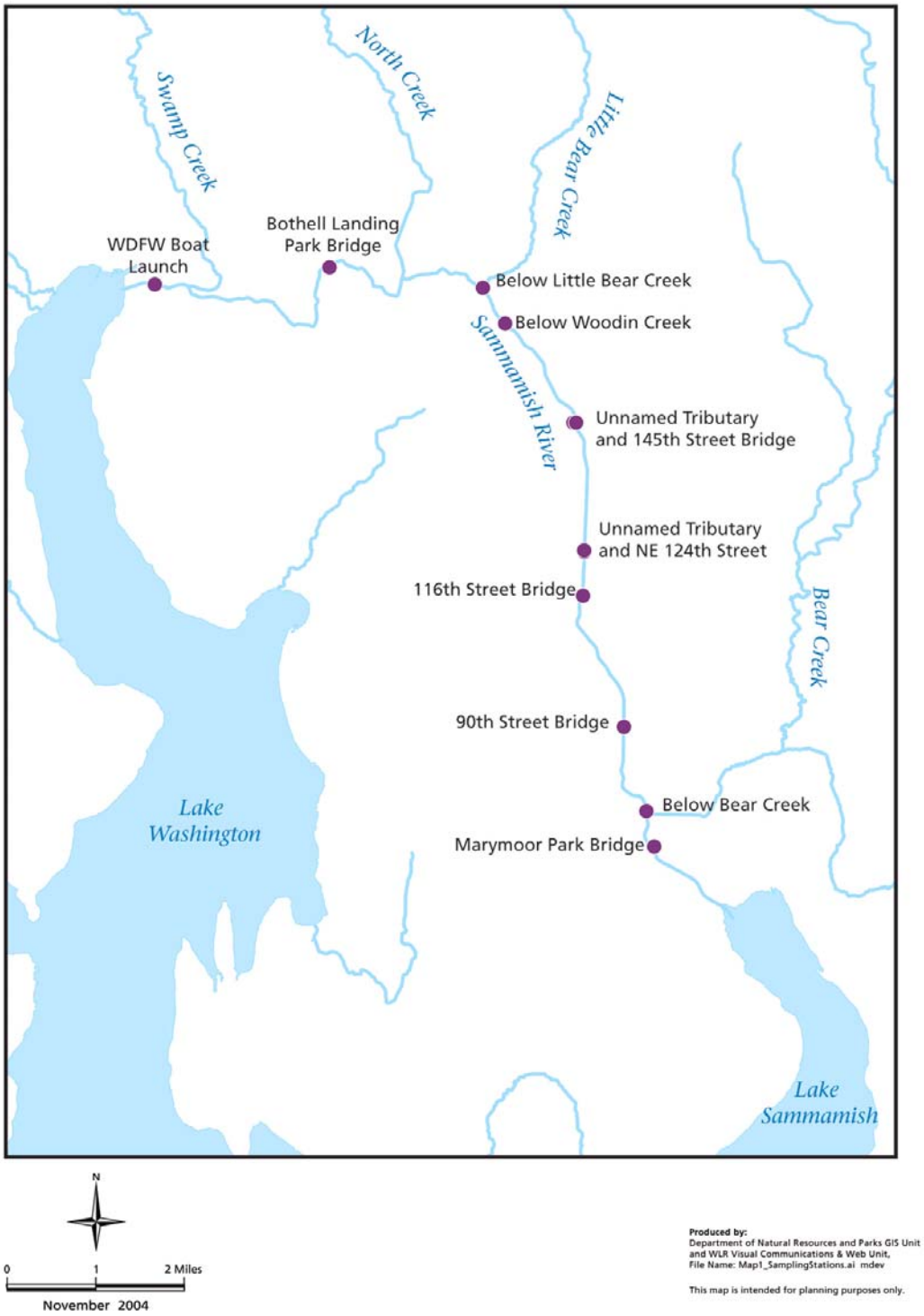
These stations are a subset of those sampled in the main Water and Sediment Quality Study (Figure 1). Initially, the irrigation overflow pipe at the 124th Street Bridge was sampled in addition to the tributary discharge because, at the time of sampling, the source of this water was unclear. Since this time, however, it has been verified that this water is simply River water that is pumped through the farm irrigation system and then discharged when active irrigation does not occur.

**Table 1. Station Names and Locators**

| Locator | Station Name |
|---|---|
| 0450 | WDFW Boat Launch |
| SMT 3.20 and 0450A | Bothell Landing Park Bridge |
| SAMM_LITTLEBEARMOUTH | Below Little Bear Creek |
| SAMM_WOODIN_MOUTH | Below Woodin Creek |
| SAMM_BRIDGE_145 | 145th Street Bridge |
| SAMM_IRR_RETURN_145 | Unnamed Tributary at 145th Street Bridge |
| 0450C | 124th Street Bridge |
| SAMM_BRIDGE_145 | 145th Street Bridge |

| | |
|---|---|
| SAMM_IRR_RETURN_124 | Unnamed Tributary at 124th Street Bridge |
| SAMM_BRIDGE_116 | 116th Street Bridge |
| SAMM_BRIDGE_90 | 90th Street Bridge |
| SAMM_BEAR_MOUTH | Below Bear Creek |
| 0486 | Marymoor Park Bridge |

## Figure 1. Sammamish River Sampling Stations



# 2.0 SAMPLE COLLECTION

A summary of the sample collection program is presented in this section. A more detailed description for King County sample collection can be found in the Sammamish River Water and Sediment Quality Sampling and Analysis Plan (SAP) (King County 2005a) and in Frans (2001) and King County (2001b) for the Small Stream Toxicity Study. The USGS sampling methods are described in Appendix A of the SAP.

The water samples were collected over a period of 2 days once a year (Table 2). All water samples analyzed by KCEL were grab-collected using sample bottles. In some areas, boat access was not possible because of shallow water; sampling at these areas was conducted by wading from shore. Generally, only samples collected from the lower river reaches were collected using a boat. The "Clean Hands/Dirty Hands" technique (King County SOP #02-02-013-000) required for ultra-trace low level metal analyses was followed during water sample collection. Water samples associated with the Small Streams Toxicity Study for the NWQL and DOE pesticide analysis and toxicity tests (in 2001) were composites of water collected along a transect using a vertical column sampler (U.S. DH-81 or D-77 sampler). The stream toxicity study sample collection effort was coordinated with the main Sammamish River water chemistry sample collection event occurring on September 4th and 5th of 2001, and was conducted with the assistance of USGS staff. Duplicate samples were not collected for the stream toxicity study samples. For the other water samples, duplicate samples were collected at one station each year. The duplicate station for water samples was Marymoor Park Bridge in 2001 and 2002 and 90$^{th}$ Street Bridge in 2003.

Sediment and benthic community samples were collected using a Petite Ponar or Ekman grab sampler, a sediment core tube or a spoon. Sediment chemistry samples were collected over multiple days in 2001 and 2003 (Table 2), one sample per station, each year. Sediment chemistry samples were composites of multiple sediment grabs. The duplicate station for sediment samples during both sampling events was the WDFW Boat Launch. Benthic community samples were collected over multiple days in 2001 and 2003 (Table 2). Benthic community samples were collected in triplicate at each station and were not composite samples.

**Table 2. Sample Dates**

| Medium | Year | Sample Dates |
|---|---|---|
| Water | 2001 | September 4, 5 |
| | 2002 | October 7, 8 |
| | 2003 | September 15 and October 13 |
| Sediment | 2001 | October 15, 17, 18, 23, 24 |
| | 2003 | August 26, 27 and September 2, 8 |
| Benthic Community | 2001 | October 15-18, 23 |
| | 2003 | September 2, 8 |

# 3.0 LABORATORY ANALSIS

This section provides an overview of the laboratory analyses conducted on all water, sediment and benthic macroinvertebrate samples. Additional details, such as instrumentation and method reporting limits, are provided in the SAP and its appendices (King County 2005a), and Small Streams Toxicity Study documents (King County 2001b and Frans 2001). Deviations from the sampling and analysis plans and a summary of the results of quality control review are also summarized in this section.

## 3.1 ANALYTICAL LABORATORIES AND METHODS

KCEL analyzed most of the chemistry samples for this project with the exception of the EDC and some of the pesticides analyses for 2001 water samples. The 2001 EDC analysis of water samples was conducted by the NWQL. The NWQL and DOE-EL analyzed split water samples for pesticides in 2001. KCEL subcontracted various laboratories for certain chemistry analyses (e.g. chlorinated pesticides, AVS/SEM), as is routine. These subcontracting laboratories and their analytical assignments are listed in the SAP (King County, 2005a). Rhithron Associates, Inc. was contracted to complete the benthic community taxonomy and enumeration. Their methods are summarized in Appendix A of the SAP (King County, 2005a).

Sammamish River water samples collected as part of the Small Streams Toxicity Study in 2001 were split after collection and analyzed as filtered water by the NWQL or as filtered and unfiltered water samples by the DOE-EL. The analytical methods differed between the two laboratories. The NWQL analyzed 47 pesticides using gas chromatography/mass spectrometry (GC/MS) with selected ion monitoring. The DOE-EL analyzed 141 pesticides using GC with atomic emission detector and ion-trap GC/MS confirmation (EPA Method 8085).

KCEL conducted the chronic toxicity tests on the 6 baseflow water samples; one sample from each station. The reference sample for the toxicity tests was collected from Rock Creek, a relatively undisturbed habitat in the upper Cedar River Watershed. The 7-day chronic toxicity tests were conducted on *Ceriodaphnia dubia* (for reproduction and survival) and *Lemna minor* (for growth), using unfiltered water. Also, a 96-hour toxicity test was conducted with *Selenastrum capricornutum* (growth effects) using both unfiltered and filtered water. Filtered and unfiltered test results were compared to determine any unintended effects of filtering out nutrients on the population growth rate. Details of the toxicity test methods are presented in *Small Stream Toxicity Study Sampling and Analysis Plan* (King County 1999).

## 3.2 QUALITY CONTROL RESULTS

KCEL conducted a QA review of all analytical chemistry, toxicity test and bacteria count results with the exception of the NWQL Wastewater and NWQL and DOE-EL pesticide analytical results. QA1 reports and SEDQUAL files were prepared by KCEL for sediment chemistry data. The QA1 reports and SEDQUAL files are available from KCEL upon request. The water chemistry QA case narratives are also available from KCEL. A discussion of the quality control sample results for NWQL and DOE-EL pesticide data can be found in Frans (2001). Quality control information for the toxicity tests conducted at KCEL is presented in King County (2001a). The benthic community data was not reviewed beyond the methods stipulated by the subcontractor, Rhithron Associates, Inc., which are included in Appendix A of the SAP.

Conditions that did not follow the relevant SAPs included the following. The semivolatiles analysis was not conducted on the surface water field replicate in 2001 because of a cracked

autosampler in the laboratory that resulted in lost sample extract. Diazinon was analyzed in surface water samples by KCEL using two different methods in 2002 and 2003 generating multiple diazinon results per sample. Diazinon is an analyte on both the pesticide analysis target list and the new semivolatile analysis target list that was initiated in 2002. A different semivolatile (BNA) method was employed in 2002 to produce lower detection limits. However, none of the analyses, by either method, resulted in diazinon detections. Lastly, butyltins were analyzed in 2001 sediment samples, but not in 2003, because the analytical cost and low 2001 butyltin concentrations did not justify repeating the analysis in 2003.

A number of results for nutrient, metal and organic analyses at KCEL were flagged for blank contamination. Analytes for which this occurred are listed in Table 3. No blank contamination was reported for pesticide analyses conducted by NWQL or DOE-EL in the Small Streams Toxicity Study (Frans 2001).

**Table 3. Analytes for which some or all results were flagged for blank contamination**

| Surface water | Sediment |
|---|---|
| Dissolved zinc | Mono-n-butyltin |
| Benzyl butyl phthalate | Di-n-butyltin |
| Bis(2-ethylhexyladipate) | Tri-n-butyltin |
| Bis(2-ethylhexylphthalate) | Extractable zinc |
| Di-n-butyl phthalate | Bis(2-ethylhexylphthalate) |
| Phenol | Benzo(a)pyrene |
| Bisphenol A | Benzo(k)fluoranthene |
| Total 4-nonylphenol | Dibenzo(a,h)anthracene |
| | Di-n-butyl phthalate |
| | Total phosphorus |

# 4.0 DATA ANALYSIS

This section describes how data were prepared and evaluated, in addition to the sources for toxicity thresholds selected for the assessment.

## 4.1 DATA TREATMENT

The water and sediment quality chemistry data, USGS “Wastewater Analysis” data and the Small Streams Toxicity Study pesticide data are presented and evaluated separately because of differences in analytical methods and detection limits. For each dataset, the analytical chemistry data were examined by station for detections after averaging results for duplicate samples, where applicable. Results for parameters that were detected at least once were then

pooled across years for each station and the maximum concentration was determined. To evaluate the quality of sediment and water, these maximum concentrations were divided by pertinent toxicity thresholds designed to protect human health and aquatic life. If the resulting ratio was greater than 1.0, it was considered an exceedance. The magnitude of each exceedance was evaluated considering the following factors:

- Toxicity and chemical form of the contaminant,
- potential interferences associated with analytical or field methods,
- uncertainties associated with thresholds selected,
- potential chemical sources,
- other uncertainties (e.g., conservatism of methods).

Where an analyte was not detected and a value was needed for calculations (e.g., averaging duplicates), it was conservatively assumed that the concentration was equal to the method detection limit (MDL).

As part of quality assurance (QA) for King County data, contaminants introduced into environmental samples during laboratory analysis are assessed through use of laboratory method blanks. If an analyte is detected in a laboratory method blank, then a bias of that chemical is assumed in the environmental samples associated with that blank. The environmental sample result, associated with a contaminated method blank, is flagged with a "B" qualifier if it meets established criteria. During the QA data review phase of this project, different criteria were applied to blank qualified data. In 2001 and 2002, KCEL assigned B qualifiers to any detected value in water samples that was up to five times more than the analyte concentration detected in the associated blank. If concentrations in water samples were greater than five times the concentration in the blank, it was assumed that the concentration in the samples was environmental. In 2003, KCEL changed the rule to conform to common EPA practice, qualifying detected values that were up to 10 times more than the concentration detected in the associated blank. For sediments, the latter rule was applied for assignment of B qualifiers on all data. Results "B" flagged by KCEL were treated as not detected and the MDL was assumed to be 10x the blank concentration. Where there were two method blank measurements (e.g., dissolved zinc) for a water sample, the higher concentration was applied to calculate a new MDL.

A number of ecological indices (e.g., diversity, percent dominant species, taxa richness, etc.) were used to evaluate the benthic community data. As previously indicated, three replicates were collected at each site during each of the two sampling events. For the purposes of this assessment, the indices were calculated based on individual samples. In some cases, where noted and where appropriate, the mean of these three values was determined for statistical summary purposes. All raw data are presented in Appendix F. In general, calculation of the individual indices was conducted by EcoAnalysts, Inc. The Sammamish River is not necessarily considered a "wadeable stream," and therefore could not be sampled at all stations with a Surber Sampler or kick net, and therefore it was not appropriate to apply the Benthic Index of Biotic Integrity (BIBI) to these data. Therefore, an alternative data assessment was conducted using individual indices to evaluate the ecological health of the benthic community.

## 4.2 SEM/AVS CALCULATIONS

Concentrations of simultaneously extracted metals (SEM) and acid volatile sulfides (AVS) are often used to better understand the potential bioavailability of a select group of sediment associated divalent metals (e.g., cadmium, copper, lead, nickel and zinc). If the AVS concentration is greater than the total SEM concentration (sum of the concentration of the 5 divalent metals previously listed), it is unlikely that Cd, Cu, Pb, Ni, and Zn would be bioavailable to aquatic organisms. Ratios of SEM to AVS in River sediments were calculated as one measure of metal bioavailability.

The degree to which metals present in sediments are bioavailable varies depending on a number of factors including sulfide concentrations. Some divalent metals (e.g., cadmium, copper, lead, nickel, zinc) bind with sulfides in sediments in a 1:1 mole ratio. The SEM to AVS ratio indicates if there are more moles of these divalent metals than moles of sulfide to bind them. An SEM/AVS ratio greater than 1.0 indicates the sediment contains divalent metals that will not be bound to sulfides. Concentrations of the divalent metals cadmium, copper, lead, nickel, and zinc were converted to their respective mole/g concentrations (dry weight basis) and summed to determine SEM. As a conservative method, the MDL was used as an estimate of non-detect metal concentrations in calculation of SEM. The SEM was compared to the AVS concentration, also converted to mole/g. Where AVS was not detected, half the MDL was used to enable estimation of the SEM/AVS ratio.

The sediment organic carbon content also affects metal bioavailability because organic carbon binds strongly to many metals, thereby reducing their availability for uptake by organisms. McGrath et al. (2002) developed an approach to normalize SEM/AVS for organic carbon content when determining toxicity of the five divalent metals in sediments. In this approach, the excess SEM is calculated as the difference between AVS and SEM in moles and the excess is then normalized by the fraction of total organic carbon in the sample (TOC) (see equations 1 and 2). McGrath et al. (2002) compared acute and chronic LC50 (the concentration that results in mortality to 50% of the tests organisms) datasets to TOC-normalized SEM concentrations and determined that an excess SEM of greater than 150 µmol/g would elicit benthic toxicity[1]. These calculations were performed and used as another measure of metal bioavailability.

$$OrganicCarbonNormalizedSEM\ (umole/g_{OC}) = \frac{ExcessSEM\ (umole/g)}{fractionofTOC\ (unitless)} \qquad (1)$$

$$ExcessSEM = SEM\,(umoles/g) - AVS\,(umoles/g) \qquad (2)$$

## 4.3 ASSESSMENT METHODS

The selection and derivation of the toxicity-based thresholds for protection of aquatic life and human health and the benthic community metrics used to assess water and sediment quality are discussed in this section.

[1] An LC50 value is the concentration of a chemical at which 50% of the test population dies. LC50s can be calculated from acute (short-term) or chronic (long-term) exposure.

### 4.3.1 Surface Water Thresholds for Protection of Aquatic Life and Human Health

Analytical chemistry data for surface water were compared against acute and chronic toxicity thresholds for aquatic life from one of three sources: the Washington water quality standards for surface waters (WAC 173-201A), the USEPA ambient water quality criteria (AWQC) for protection of aquatic life (USEPA 2002), or relevant values obtained from the EPA ECOTOX database and derived according to the King County Water Quality Effects Process (King County 2002b). These sources are presented in order of priority, therefore, EPA AWQC were employed only where no Washington standards were available and similarly, ECOTOX database values were employed only when no other values were available. The thresholds for aquatic life are presented in Tables 4 and 5.

Some Washington standards and EPA AWQC are dependent on hardness, pH and temperature. Many metal thresholds are hardness dependent. For this assessment, the minimum measured hardness in the River (42 mg $CaCO_3$ mg/L) was applied for threshold calculations. The ammonia and pentachlorophenol thresholds are dependent on pH and/or temperature. Similarly, the minimum measured pH of 6.7 and the minimum measured temperature of 11.7 degrees Celsius was applied to determine these thresholds. These assumptions resulted in conservative thresholds for these parameters.

Currently there are no established water quality criteria or standards for a number of chemicals classified as endocrine disrupters (EDCs); this is especially true for the hormones (i.e., ethinylestradiol, estradiol). There are draft WQC for protection of aquatic life values for nonylphenol, which has been classified as an EDC, however, the values were not derived based on endocrine related effects. The criteria were based on classic toxicological endpoints and low level exposures were not included in the development of the criteria. Although there are not criteria available for these compounds, for some, there are a number of toxicity values available in the scientific literature. Thus, EDC data were compared to a number of these literature values to better understand the magnitude of detected concentrations; a single threshold for EDCs was not identified. A more detailed presentation of the identification of toxicity values used to evaluate EDC data can be found in King County (2005b).

Washington State has not developed water quality standards for protection of human health and, therefore, is required under federal law to use the National Toxics Rule (NTR) thresholds codified in 40 CFR Ch. 1 Section 131.36 (7/1/02 edition). The NTR includes values based on consumption of drinking water and tissue (e.g. fish) and consumption of tissue only. Because the Sammamish River is not a public drinking water source, the latter set of values was applied in this assessment. USEPA has published National Recommended Human Health thresholds (NRHH), which, in some cases, are calculated with different assumptions than those used by the NTR, but include more chemicals (USEPA 2002, 2003). The NRHH values for consumption of tissue only were similarly selected for this assessment. Both sources of human health thresholds are presented for comparison to maxima.

Washington State has selected a fecal coliform standard as the sole indicator of risk from exposure to bacteria. The standard for primary contact recreation was applied in this assessment. In addition to fecal coliform concentrations, enterococcus and *E-coli* concentrations were measured in water samples. The EPA AWQC steady state geometric mean indicator densities and single sample maximum allowable densities for enterococcus and *E-coli* were also used in this assessment (US EPA 1986).

**Table 4. Aquatic life thresholds for metals detected in water**

| Chemical | Acute Standard of Criterion [a] | Chronic Standard or Criterion [a] | Acute Threshold from AQUIRE | Chronic Threshold from AQUIRE |
|---|---|---|---|---|
| Aluminum | 0.75 [b] | 0.087 [b] | -- | -- |
| Antimony | 0.088 [b] | 0.030 [b] | -- | -- |
| Arsenic | 0.36 | 0.19 | -- | -- |
| Barium | NA | NA | 7.3 [c] | 1.5 [c] |
| Chromium [d] | 0.7 | 0.088 | -- | |
| Cobalt | NA | NA | 0.66 [e] | 0.13 [e] |
| Copper [f] | 0.0075 | 0.0055 | -- | -- |
| Iron, Total | NA [g] | 1.0 [b] | -- | -- |
| Lead | 0.025 | 0.00097 | -- | -- |
| Mercury, Total | NA | 0.000012 | -- | -- |
| Mercury, Dissolved | 0.0021 | NA | -- | -- |
| Molybdenum | NA | NA | 35 [h] | 2.3 [i] |
| Nickel [f] | 0.68 | 0.075 | -- | -- |
| Zinc [f] | 0.055 | 0.050 | -- | -- |

Notes:

NA = not available

All units are mg/L

All thresholds are WA WQS except where noted.

[a] Concentrations and thresholds are of dissolved form except where noted.

[b] From USEPA AWQC

[c] Biesinger and Christiansen (1972)

[d] The chronic threshold is hardness dependent; maximum hardness of 42 mg/L was applied.

[e] Baudouin and Scoppa (1974)

[f] The acute and chronic threshold are hardness dependent; maximum hardness of 42 mg/L was applied.

[g] An acute value for iron was not developed from the ECOTOX database because the toxicity data was conflicting (e.g., chronic values higher than acute values) and ranged widely in water threshold concentrations. The Puget Sound background concentrations of Puget Sound soils are known to be elevated (see Ecology 1994) and their influence on surface waters is probable but not quantified.

[h] Tarzwell and Henderson (1960)

[i] Wilson and Freeburg (1980)

**Table 5. Aquatic life thresholds for organic compounds detected in water.**

| Chemical | Acute Aquatic Life Threshold | Chronic Aquatic Life Threshold | Acute Threshold from AQUIRE | Chronic Threshold from AQUIRE |
|---|---|---|---|---|
| 2,4,5-T | NA | NA | 50 [a] | 10 [a] |
| 2,4,5-TP (Silvex) | NA | NA | 170 [b] | 34 [b] |
| 2,4-D | NA | NA | 700 [c] | 50 [t] |
| 2-Methylnaphthalene | NA | NA | 728 [d] | 146 [d] |
| 4-Methylphenol | NA | NA | 700 [e] | 140 [e] |
| 4-Nitrophenol | NA | NA | 550 [f] | 110 [f] |
| Benzoic Acid | NA | NA | 645,400 [g] | 216,500 [g] |
| Benzo(a)anthracene | NA | NA | 5 [h] | 1 [h] |
| Benzo(a)pyrene | NA | NA | 0.75 [i] | 0.15 [i] |
| Benzo(b)fluoranthene | NA | NA | 512 [j] | 102 [j] |
| Benzo(k)fluoranthene | NA | NA | 0.7 [i] | 0.14 [i] |
| Benzyl Butyl Phthalate | NA | NA | 390 [k] | 60 [u] |
| Bis(2-ethylhexyl)phthalate | 400 [l] | 360 [l] | -- | -- |
| Caffeine | NA | NA | 95000 [m] | 19000 [m] |
| Chrysene | NA | NA | 0.35 [i] | 0.07 [i] |
| Diazinon | NA | 0.096 [v] | NA | -- |
| Di-N-Butyl Phthalate | NA | NA | 240 [k] | 48 [k] |
| Dicamba | NA | NA | 1950 [n] | 30.5 [n] |
| Diethyl Phthalate | NA | NA | 6000 [k] | 1200 [k] |
| Isophorone | NA | NA | 60000 [o] | 12000 [o] |
| MCPP | NA | NA | 5500 [p] | 1100 [p] |
| Naphthalene | NA | NA | 500 [h] | 100 [w] |
| Pentachlorophenol | 6.7 [q] | 4.2 [q] | -- | -- |
| Phenol | NA | NA | 0.88 [r] | 0.18 [r] |

| | | | | |
|---|---|---|---|---|
| Prometon | NA | NA | NA | 49[x] |
| Pyrene | NA | NA | 45.45 [s] | 9.09 [s] |
| Tebuthiuron | NA | NA | NA | 153.5[y] |
| Triclopyr | NA | NA | NA | 30[z] |

All units are ug/L
NA = not available
-- = WQS or AWQC available
[a] Vancil (1976)
[b] Sanders and Cope (1966)
[c] Johnson and Finley (1980)
[d] Kennedy (1990)
[e] Parkhurst et al. (1979)
[f] Yoshioka et al. (1986)
[g] Dawson et al. (1977)
[h] Trucco et al. (1983)
[i] Newsted and Giesy (1987)
[j] Wernersson and Dave (1997)
[k] Adams et al. (1995)
[l] EPA AWQC
[m] DeYoung et al. (1996)
[n] EPA (2000)
[o] LeBlanc (1980)
[p] Alabaster (1969)
[q] The Washington surface water standard for pentachlorophenol is dependent on pH. The minimum measured pH of 6.7 was applied for calculations.
[r] Verma et al. (1981)
[s] Abernathy et al. (1986)
[t] Little et al. (1990)
[u] EPA (1978)
[v] EPA (2002)
[w] Gaur (1988)
[x] OPP (2000)
[y] Meyerhoff et al. (1985)
[z] Wan et al. (1987)

**Table 6: Human health thresholds for water**

| Chemical | National Toxics Rule [a] | National Recommended Human Health Values [b] |
|---|---|---|
| Antimony | 4.3 | 0.64 |
| Arsenic | 0.00014 | 0.00014 |
| Mercury, Total | 0.15 | NA |
| Benzo(a)anthracene | 0.031 | 0.018 |
| Benzo(a)pyrene | 0.031 | 0.018 |
| Benzo(b)fluoranthene | 0.031 | 0.018 |
| Benzo(k)fluoranthene | 0.031 | 0.018 |
| Benzyl Butyl Phthalate | NA | 1900 |
| Bis(2-ethylhexyl)phthalate | 5.9 | 2.2 |
| Chrysene | 0.031 | 0.018 |
| Di-N-Butyl Phthalate | 12000 | 4500 |
| Diethyl Phthalate | 120000 | 44000 |
| Isophorone | 600 | 960 |
| Pentachlorophenol | 8.2 | 3 |
| Phenol | 4600000 | 1700000 |
| Pyrene | 11000 | 4000 |

NA = not available

[a] 40 CFR Ch. 1 Section 131.36 (7/1/02 edition)

[b] USEPA (2002, 2003)

As can be seen in Tables 4-6, water quality values have not been established for all metals and organic compounds. There are other compounds not listed in the tables for which concentrations were measured, but water quality values are not established. These compounds are presented in Appendix G. The lack of water quality thresholds in some cases, such as naturally-occurring metals, is due to the lack of measured toxicity of the chemical to aquatic life or human health. In other cases, such as certain pesticides, there are too few existing dose-response datasets to develop a water quality threshold. These latter cases represent a significant source of uncertainty that cannot be resolved within this report.

### 4.3.2 Sediment Guidelines for Protection of Aquatic Life

Sediment analytical chemistry data were compared to sediment quality guidelines from two sources. The probable effects level (PEL) and threshold effect level (TEL) values (Smith et al. 1996) and the Floating Percentile (FP) values, developed for Washington Department of Ecology (WDOE) (Avocet and SAIC 2002, Avocet 2003, Brett Betts, pers. comm.), were selected for use in this sediment quality assessment. Numeric freshwater sediment quality criteria or standards do not exist at the Washington State or federal level. However, a variety of freshwater sediment quality guidelines have been developed using various methodologies (e.g., Long et al. 1995, MacDonald et al. 2000, Smith et al. 1996, Persaud et al. 1992). TELs and PELs were developed for freshwater systems using a "weight of evidence" approach (Smith et al. 1996). The TEL was derived using the geometric mean of the 15$^{th}$ percentile of the effect and 50$^{th}$ percentile of the no effect data set and is intended to estimate the concentration of a chemical below which adverse biological effects rarely occur. The PEL was derived using the geometric mean of 50$^{th}$ percentile of the effect and the 85$^{th}$ percentile of the no effect data set. The PEL is intended to estimate the chemical concentration above which adverse biological effects frequently occur.

Recently, WDOE published draft documents detailing their development of freshwater sediment quality values for potential use in Washington's sediment management program (Avocet and SAIC 2002, Avocet 2003). Multiple values were developed based on variable definitions of a biological hit for bioassay test results. Values were developed using the FP approach based on bioassay hit definitions from the Sediment Quality Standards (SQS) and the Cleanup Screening Level (CSL), and based on a statistically significant difference (STAT). The bioassay data used included 10-day mortality for *Hyalella azteca* and *Chironomus tentans*, 10-day growth for *Chironomus tentans* in addition to Microtox®. The FP SQS defines a biological hit when the difference between the mortality rate in the test and control is greater than 10 percent, when the growth test/control ratio is less than 0.8 and when the decrease in Microtox® luminescence test/control ratio is less than 0.85. The FP CSL defines a biological hit when the test results for the same bioassays are greater than 25 percent, less than 0.7, and less than 0.75, respectively. The last approach used was to define a biological hit simply where the difference between the test result and the control result is statistically significant at an alpha of 0.05 (FP STAT). For the purposes of this assessment, the FP CSL and FP STAT were applied because they bracket the low and high end of the sediment quality values.

As part of the SQV development process, Avocet and SAIC (2002) assessed performance of existing sediment quality guidelines (SQG) sets using the regional sediment database SEDQUAL. Of the eight different SQG sets tested, the apparent effects threshold/probable apparent effects threshold (AET/PAETs) (Ecology 1997) and the PELs were concluded to have generally lower error rates and the best balance between sensitivity and efficiency. Because the FP values are designed to possibly replace the AETs currently recommended for use in Washington by WDOE, the TELs/PELs were preferentially selected as the second SQV set to evaluate sediment quality in the River. The TEL/PEL and FP SQGs are presented in Table 7.

**Table 7. Sediment Quality Guidelines**

| Chemical | Units | TEL | PEL | FP CSL | FP STAT |
|---|---|---|---|---|---|
| Arsenic | mg/kg | 5.9 | 17 | 51 | 20 |
| Antimony | mg/kg | N/A | N/A | 0.6 | 0.4 |
| Cadmium | mg/kg | 0.596 | 3.53 | 1 | 0.6 |
| Chromium, total | mg/kg | 37.3 | 90 | 100 | 95 |
| Copper | mg/kg | 35.7 | 196.6 | 830 | 50 |
| Lead | mg/kg | 35 | 91.3 | 430 | 335 |
| Mercury | mg/kg | 0.174 | 0.486 | 0.75 | 0.5 |
| Nickel | mg/kg | 18 | 35.9 | 70 | 55 |
| Silver | mg/kg | N/A | N/A | 2.5 | 0.55 |
| Zinc | mg/kg | 123.1 | 314.8 | 160 | 140 |
| 2-Methylnaphthalene | ug/kg | N/A | N/A | 555 | 470 |
| Acenaphthene | ug/kg | N/A | N/A | 1320 | 1060 |
| Acenaphthylene | ug/kg | N/A | N/A | 640 | 470 |
| Anthracene | ug/kg | N/A | N/A | 1580 | 600 |
| Benzo(a)anthracene | ug/kg | 31.7 | 384.7 | 5800 | 4260 |
| Benzo(a)pyrene | ug/kg | 31.9 | 782 | 4810 | 3300 |
| Benzo(g,h,i)perylene | ug/kg | N/A | N/A | 5200 | 4020 |
| Bis(2-ethylhexyl) phthalate | ug/kg | N/A | N/A | 320 | 230 |
| Chlordane | ug/kg | 4.5 | 8.9 | N/A | N/A |
| Chrysene | ug/kg | 57.1 | 861.7 | 6400 | 5940 |
| Dibenz(a,h)anthracene | ug/kg | N/A | N/A | 840 | 300 |
| Dibenzofuran | ug/kg | N/A | N/A | 440 | 400 |
| Dimethyl phthalate | ug/kg | N/A | N/A | 440 | 46 |
| Di-n-octyl phthalate | ug/kg<br>ug/kg | N/A | N/A | 45 | 26 |

| Chemical | Units | TEL | PEL | FP CSL | FP STAT |
|---|---|---|---|---|---|
| DDTs, total | ug/kg | 7 | 4450 | N/A | N/A |
| Dieldrin | ug/kg | 2.85 | 6.67 | N/A | N/A |
| Endrin | ug/kg | 2.67 | 62.4 | N/A | N/A |
| Fluoranthene | ug/kg | 111.3 | 2354.9 | 15000 | 5000 |
| Fluorene | ug/kg | N/A | N/A | 3000 | 200 |
| Heptachlor epoxide | ug/kg | 0.6 | 2.74 | N/A | N/A |
| Indeno(1,2,3-c,d)pyrene | ug/kg | N/A | N/A | 5300 | 4120 |
| Lindane | ug/kg | 0.94 | 1.38 | N/A | N/A |
| Naphthalene | ug/kg | N/A | N/A | 1310 | 100 |
| p,p'-DDD | ug/kg | 3.54 | 8.51 | N/A | N/A |
| p,p'-DDE | ug/kg | 1.42 | 6.75 | N/A | N/A |
| PCBs, total | ug/kg | 34.1 | 277.2 | N/A | N/A |
| Phenanthrene | ug/kg | 41.9 | 514.9 | 7600 | 6100 |
| Pyrene | ug/kg | N/A | N/A | 16000 | 3000 |
| Tributyltin | ug/kg | 53 | 875 | 75 | 75 |

FP CSL – Floating Percentile Cleanup Screening Level

FP STAT – Floating Percentile Statistically Significant

As can be seen in Table 7, sediment quality guidelines are not established for some metals and many organic compounds. There are other compounds not listed in the tables for which concentrations were measured, but sediment quality guidelines are not established. These compounds are in Appendix G. The lack of sediment quality guidelines in some cases, such as naturally-occurring metals, is due in part to the lack of measured toxicity of the chemical to aquatic life or human health. In other cases, such as certain organic compounds, there are too few existing dose-response datasets to develop a sediment quality threshold. The database for sediment dose-response studies is much smaller than that for water. Analytes in this latter case represent a significant source of uncertainty that cannot be resolved within this report.

### 4.3.3 Benthic Community Metrics

Benthic community data were collected to provide a general understanding of the existing benthic community within the River. Due to the River's physical and hydrological characteristics, it is not necessarily appropriate to use the Benthic Index of Biotic Integrity (BIBI) to evaluate the benthic community; the BIBI was developed for wadeable lowland streams. As

such, the BIBI was not used to assess the benthic community data. However, it is appropriate to use some of the individual indices and metrics that are included in the BIBI, and a few additional measures that are more appropriate for both the historic and current habitat and conditions represented in the River. No single metric or measure of biological integrity will work equally well for all stressors or contaminants. Therefore, these indicators and indices were collectively evaluated, and conclusions were not based on a single index/indicator. In addition, the strengths and weaknesses of the indicators were taken into account when interpreting the benthic community data. The assessment of the benthic community presented in this report is intended to contribute to the overall weight-of-evidence used to evaluate the water and sediment quality of the River.

For many benthic evaluations it is appropriate to identify a reference, or control site to use for comparison to study area sites. Due to the River's physical characteristics (e.g., slow moving, very low gradient," slough like" characteristics, substrate, etc.) and its location between two relatively large lakes, it was not possible to identify an appropriate reference site for this assessment. It is also common to compare historical macroinvertebrate data with current conditions to estimate change. However, to the best of our knowledge, there are no historical data available. As such, the macroinvertebrate data for each location are evaluated relative to other locations in the River. Interpretation of the data is based on a combination of best professional judgment and an understanding of the current and historical conditions in the River (King county 2002a).

The physical characteristics, both natural and anthropogenic, of the River are somewhat unique. Its location between Lakes Washington and Sammamish is likely to have a significant influence on the type and number of organisms that comprise the invertebrate community. Lake outlets are often areas of deposition; the Sammamish River is particularly low gradient, which enhances deposition. Communities of filter-feeders that use the organic material produced in the lentic environment are often found at lake outlets (Resh and Rosenberg 1984; Giller and Malmqvist 1998). Lake outlets often support very productive communities partially as a result of the organisms (phyto- and zooplankton) that originated from the lake which provide a food source for other organisms. However, some of the most productive lake outlet ecosystems show reduced species richness, possibly because of the high density of some predator species like the tricopteran (caddisfly) hydropsychids (Giller and Malmqvist 1998). Such communities may have a more eutrophic character than those downstream, but the enrichment effects usually do not persist very far downstream.

Its location between two large lakes will also have an impact on the temperature regime of the river, which will, in turn, influence the benthic community. Lake outlets tend to be warmer than downstream habitats. In addition to the influence of warm lake water, the lack of riparian cover along the River corridor also contributes to increased temperatures. Increased groundwater withdrawals have also likely contributed to the increase in temperature (King County 2002a). Although temperature was not thoroughly evaluated in this assessment, others have identified temperature as a concern for the River (DeGasperi, C. 2001, King County 2005c). Temperature has been identified as a limiting factor for the River (Kerwin 2001) and is on the Washington Department of Ecology's 303d list of impaired waters. River temperatures as high as 27°C have been measured in the River (King County 2002a).

Temperature is probably the most important environmental variable for aquatic organism, since it determines not only metabolic rates and food requirements, but also developmental processes (Naiman and Turner 2000). Field studies in other rivers have indicated that temperatures above 30°C can cause a reduction in species richness, abundance, biomass and production, while

moderate heating (below 25°C) may result in increased production and biomass without limiting diversity (Petts and Calow 1996a). In addition to causing direct effects to aquatic organisms, increased temperatures can also indirectly impact the competitive ability and distribution of some species. A change in body size and fecundity induced by thermal regimes can result in species elimination or replacement which can result in altered or lower diversity; time to emergence can also be impacted by temperature (Resh and Rosenberg 1984). Temperature also has a significant impact on DO, which can in turn have an effect on the type and quantity of macroinvertebrates.

These hydrologic and physical characteristics and conditions must be taken into account when evaluating the data and the associated metrics and indices that were calculated. The following provides a brief overview of the individual indices and metrics used to evaluate the general health of the benthic community in the River. It is important to understand that each metric comes with its own set of strengths and weaknesses and each may be more sensitive to different types of impacts.

#### 4.3.3.1 Hilsenhoff Biotic Index

The Hilsenhoff biotic index (HBI) assigns scores based on relative abundance of sensitive and tolerant groups and is typically used as an indicator of organic enrichment and decreased dissolved oxygen levels; it is one of the most commonly used metrics (Clements 1997). The HBI is a well tested metric that has been incorporated into national protocols (Lillie et al. 2003).

The HBI is the mean tolerance value of all organisms in a sample. HBI values range from 0 to 10 and the higher the value, the greater the level of impact indicated. This index is typically used in both streams and lakes (Lewis et al. 2001, Blocksom et al. 2002). Although the HBI and similar indices are commonly used to evaluate benthic communities, there are limitations to their use. A key concern is that the same target (e.g., score or classification) is set for all site types, when it is clear that the different physical and chemical regimes of fast flowing mountain streams and slow flowing rivers will support very different communities. Thus, due to the hydrologic characteristics and substrate type within most reaches of the River, these conditions would be reflected as slightly higher HBI scores. An additional weakness to the HBI is the subjective approach that is used to classify an organism's tolerance. The index was developed to detect impairment due to organic enrichment and works reasonably well for this purpose, but it has been used for other types of pollution such as acidification and heavy metals with mixed results (Kiffney and Clements 2003). Lenat and Crawford (1994) found the HBI to be sensitive to urbanization. These factors should be taken into account when interpreting the data.

#### 4.3.3.2 Diversity

Diversity indices use three components of community structure, namely species richness, evenness (the distribution of individuals among species) and abundance to describe the response of a community to the quality of its environment. High species diversity values generally indicate diverse well balanced communities, while low values indicate stress or impact. However, it should be noted that a simple community can result from natural conditions; cold clean headwater streams can exhibit low diversity and still represent excellent water quality (Lillie et al. 2003).

Organic enrichment typically results in a decrease in diversity as sensitive organisms are lost, and an increase in the abundance of tolerant organisms due to nutrient enrichment and a decrease in evenness. In contrast, toxic or acidic pollution may cause a decrease to both

diversity and abundance as sensitive organisms are eliminated and there is no additional food source for the remaining tolerant forms, in addition to an increase in evenness (Kovalak 1981). Diversity values may vary directly with water quality, and low diversity may indicate an unstable community, however in some cases, diversity does not respond as expected due to replacement of intolerant taxa by an equal number of intolerant taxa (Lillie et al. 2003).

The Shannon Diversity Index (H') was used in this assessment and is typically the most widely used diversity index because it is stable in any spatial distribution and insensitive to rare species (Resh and McElravy 1993). Index values range from 1.5 to 3.5 (Lillie et al. 2003); the higher the value of H', the greater the diversity. However, as is the case with most biological indicators, when interpreting H' values, the hydrologic conditions of the water body must be taken into account, in addition to other available biological indicators.

#### 4.3.3.3 Dominance

Dominance is typically measured as the percent composition of dominant taxa and is the percent contribution of individuals of the most numerous taxa present in the sample. This index uses abundance of the numerically dominant taxa relative to the rest of the population as an indicator of community balance or evenness at the family level. In general, a community dominated by relatively few families would indicate environmental stress. Dominance is an important indicator when the most sensitive taxa are eliminated from the assemblages and/or the food source is altered, allowing the more tolerant taxa to become dominant (Davis and Simon 1995). In general, the percentage of a dominant organism increases with increasing perturbation (Barbour et al. 1996). Dominant species that make up greater than 35% of the population indicate poor water quality, between 23%-35% indicates fair water quality and less than 25% indicates good water quality (USEPA 1996). Plafkin et al. (1989) found that dominance metrics are not particularly sensitive to moderate amounts of organic or toxic loading. The response of this metric is usually observed at extremes (Lillie et. al. 2003).

#### 4.3.3.4 Species/Taxa Richness

Taxa or species richness is the most basic community index, reflecting the total number of taxa, and provides a general measure of community health. It can also represent the diversity within a sample (Davis and Simon 1994). The usefulness of species/taxa richness is based on the generally observed phenomenon that relatively undisturbed environments support communities with relatively large numbers of species, with no individual species in overwhelming abundance. A decline in taxa richness is generally one of the most common indicators of watershed urbanization for benthic macroinvertebrates (Wang and Lyons 2003). However, low taxa richness does not always indicate poor water quality, nor does high richness always indicate good water quality. Some habitats (i.e., small cold headwater streams or mineral poor waters) may naturally have low numbers of taxa density per unit area (Lillie et al. 2003).

#### 4.3.3.5 Functional Feeding Groups

Stream morphology, current velocity, substrate composition, temperature and allochthonous vs. autochthonous food sources all interact to influence food availability for invertebrates, and these interactions vary systematically with stream order thereby regulating distribution patterns of functional feeding groups (Petts and Calow 1996b, Merrit and Cummins 1984). Functional feeding groups represent general modes of food acquisition based on an organism's principal feeding mechanism. Food sources, substrates, and contaminants play important roles in

shaping the invertebrate community. In addition, the effects of riparian land use and stream side vegetation potentially have a strong influence on trophic metrics (Weigle et al. 2000).

These feeding groups are referred to as the scrapers, collector-filterers, collector-gatherers, predators and shredders. Gatherers are commonly found in the sediments of lakes and slow moving streams where current does not interfere with their movements and food acquisition.

The presence and abundance of the various functional groups, and the dominance of obligate or facultative representatives, is a direct reflection of the availability of the required food resources (both quality and quantity) and the condition of the related environmental parameters (Petts and Calow 1996b). Biotic indices are generally designed to detect organic impacts, whereas functional feeding group metrics are potentially useful for detecting impact of both organic enrichment and toxicants (Plafkin et al. 1989). These metrics are useful in characterizing the food base of a community; however, effects of toxicants adsorbed to particulate food items often confound interpretation (Lillie et al.2003). Stream size and concepts of the “River Continuum Concept” (Vannote et al. 1980) are also important consideration when interpreting metrics associated with functional feeding groups. This is especially important to keep in mind as the Sammamish River is an exception to the river continuum concept, as it has a very low gradient, and connects two relatively large lakes; it does not necessarily include the continuous gradient of physical conditions present in many other rivers and streams. These issues should be taken into account when interpreting the data presented here.

These are the primary metrics/indices used to assess the benthic community structure in the River.

# 5.0 RESULTS

Results of the chemical and biological analyses and field measurements are presented in this section. To assess sediment and surface water quality in the River, the analytical chemistry results were compared to toxicity thresholds. In addition, data for some parameters were compared to thresholds or criteria/standards that are not necessarily toxicity based (e.g. nutrients). Exceedances and their magnitude are noted and are discussed in this section. In addition, the toxicity test results from the Small Streams Toxicity Study are summarized and discussed in relation to the chemistry results. The results of the benthic community analysis are an additional line of evidence indicating sediment and surface water quality in the River. The results of the metrics used to evaluate macroinvertebrate community health are also presented and discussed in this section.

## 5.1 CHEMISTRY AND FIELD PARAMETERS

The results of the sediment and surface water chemistry analyses and field parameter measurements are summarized in this section.

### 5.1.1 Surface Water

This section summarizes the exceedances of toxicity thresholds for detected analytes in surface water collected during 2001-2003. All individual sample results can be found in Appendices A through C.

#### 5.1.1.1 Conventional and Field Parameters

Indicator bacteria, hardness, total suspended solids (TSS), ammonia nitrogen, nitrate nitrogen, nitrate+nitrite nitrogen, and orthophosphate phosphorus (OP) are conventional parameters that were measured in surface water each year by KCEL. Field parameters collected during sampling include dissolved oxygen (DO), temperature, conductivity, and pH. Field parameters were collected by USGS in 2001 and by KCEL thereafter.

## Bacteria

Select species or types of bacteria are used as water quality indicators with respect to the risk of causing adverse effects to human health. Fecal coliform, enterococcus, and *Escherichia coli* (*E. coli*) were measured in River water samples. Fecal coliform concentrations exceeded the Washington State standard of 200 CFU/100mL for single samples at least once at 3 locations (WDFW Boat Launch, Bothell Landing Park Bridge, and 124$^{th}$ Street Bridge Unnamed Tributary) (Table 8). Washington State currently uses fecal coliform as the only indicator for bacteria that threaten public health. However, the EPA presents evidence that enterococci and *E. coli* show a much stronger correlation to gastroenteritis than fecal coliform (USEPA 1986). The EPA developed AWQC for both enterocci and *E. coli*. The *E. coli* criterion of 298 CFU/100mL, based on a single sample maximum allowable density for moderate full body recreational contact, was exceeded at only the WDFW Boat Launch (Table 8). Enterococci concentrations exceeded the criterion based on a single sample maximum allowable density for moderate full body recreational contact of 78 CFU/100mL at 4 stations: WDFW Boat Launch, below Little Bear Creek, 124$^{th}$ Street Bridge, and the 124$^{th}$ Street Bridge Unnamed Tributary (Table 8). The enterococci concentrations measured at the 124$^{th}$ Street Bridge Unnamed Tributary were much higher than at any other station. Also, samples collected at this station contained the highest concentrations of all three bacteria indicators. Given the water body is receiving runoff from a turf farm, it is possible that the sources of elevated bacteria concentrations are from animal waste, either domestic animals or wildlife species (e.g. deer, birds) that may be attracted to field habitat. Exceedances at other stations were relatively small. Bacteria concentrations can vary significantly over time and typically fluctuate with seasons. A larger time series collection of bacteria samples would be required to better characterize the overall risk to public health from exposure to bacteria in the River. The DOE has reviewed a large database of indicator bacteria for Sammamish River and determined a need for TMDL development (see Washington DOE 303(d) list). Bacteria do not present a risk to aquatic life; therefore, no aquatic life assessment was conducted.

**Table 8. Bacteria concentrations measured in surface water, 2001-2003.**

| Station Location | Year | Enterococcus | *Escherichia coli* | Fecal Coliform |
|---|---|---|---|---|
| WDFW Boat Launch | 2001 | 130 | 260 | 280 |
| | 2002 | 69 | 76 | 92 |
| | 2003 | 160 | 360 | 320 |
| Bothell Landing Park Bridge | 2001 | 46 | 210 | 280 |
| | 2002 | 44 | 160 | 110 |
| | 2003 | 72 | 210 | 300 |
| Below Little Bear Creek | 2001 | 35 | 90 | 67 |
| | 2002 | 150 | 77 | 5 |
| | 2003 | 75 | 110 | 160 |
| Below Woodin Creek | 2001 | 38 | 160 | 110 |
| | 2002 | 26 | 57 | 50 |
| | 2003 | 52 | 99 | 160 |
| 145th St. Bridge | 2001 | 23 | 40 | 41 |
| | 2002 | 32 | 54 | 48 |
| | 2003 | 27 | 78 | 68 |
| Unnamed Tributary at 145th St. Bridge | 2001 | 16 | 17 | 14 |
| | 2002 | 21 | 25 | 29 |
| | 2003 | 65 | 2 | 2 |
| 124th St. Bridge | 2001 | 29 | 90 | 110 |
| | 2002 | 130 | 180 | 83 |
| | 2003 | 74 | 92 | 81 |
| Unnamed Tributary at 124th St. Bridge | 2001 | 450 | 120 | 91 |
| | 2002 | 370 | 260 | 320 |
| | 2003 | 810 | 240 | 410 |
| 116th St. Bridge | 2001 | 29 | 70 | 55 |

| Station Location | Year | Enterococcus | *Escherichia coli* | Fecal Coliform |
|---|---|---|---|---|
| | 2002 | 46 | 68 | 63 |
| | 2003 | 34 | 100 | 73 |
| 90th St. Bridge | 2001 | 39 | 70 | 88 |
| | 2002 | 21 | 170 | 90 |
| | 2003 | 55 | 130 | 100 |
| Below Bear Creek | 2001 | 66 | 150 | 150 |
| | 2002 | 45 | 50 | 140 |
| | 2003 | 62 | 100 | 130 |
| Marymoor Park Bridge | 2001 | 30 | 47 | 42 |
| | 2002 | 11 | 55 | 75 |
| | 2003 | 33 | 50 | 40 |

All units are CFU/100 ml

Each concentration represents a single sample. Not enough samples were collected to calculate a geometric mean for comparison to criteria.

## Nutrients

Nitrogen and phosphorus are critical nutrients for growth of primary producers but elevated concentrations can lead to eutrophication in freshwater systems. Nitrogen and phosphorus are present in different natural forms in the environment. In aquatic systems, nitrogen is present in the dissolved forms of ammonia, nitrate and nitrite. Nitrate has relatively low toxicity but ammonia and nitrite can be toxic to aquatic life at comparatively low concentrations (e.g., acute LC50s as low as 7 mg/L for ammonia compared to 5800 mg/L for nitrate in fish [USEPA 1998 and CCME 2003]). Nitrite is an intermediate form of nitrogen that is formed during the reduction of nitrate or oxygenation of ammonia. These reactions occur quickly in the water column making nitrite concentrations typically low relative to ammonia and nitrate. Total ammonia, nitrate, and nitrite concentrations in the River were all well below the aquatic life thresholds. Nutrient concentrations can fluctuate significantly over time and this is reflected in the year-to-year variations in ammonia, nitrate and nitrite concentrations measured at individual stations (Table 9).

Phosphorus is the limiting nutrient for primary production in most freshwater systems. Orthophosphate phosphorus (OP) is the most bioavailable form of phosphorus in the water column and therefore, OP concentrations are indicative of the phosphorus that can be taken up by plants, including algae, and lead to algal blooms.

There are no freshwater toxicity thresholds for OP because toxicity is not an issue with phosphate. However, one of the greatest concerns regarding phosphorus in freshwater systems is eutrophication. Ecology recently developed phosphorus criteria for lakes (Ecology 2004). A total phosphorus (TP) level greater than 20 µg/L indicate mesotrophic conditions and is considered an "action level" which may result in initiation of a lake-specific study.

Ecology was unable to identify a predictive relationship between excess primary production and eutrophication and measured phosphorus concentrations. Flow rate, shading and available light are confounding factors in eutrophication processes in rivers and streams that make it difficult to generalize conditions that cause nutrient stress. Therefore, Ecology selected an alternative method for assessment of nutrients in riverine systems and relies on other indicators (pH, DO) and triggers of general trophic health, in addition to more water body specific modeling to select site specific nutrient threshold values. In general, the DO WQS cannot be attained in rivers that experience nuisance algal or plant growth. It is assumed that compliance with the DO WQS takes into account the influence of biochemical oxygen demand (BOD), nutrients and temperature to ensure trophic health. Ecology's pH standard is also intended to be an indirect indicator of river eutrophication. The carbon dioxide used for photosynthesis by aquatic plants and algae result in an increase in pH where such plant production is high.

Although TP was not measured in this study; OP data are available and ranged from 8.6 µg/L to 42 µg/L (Table 9). These data suggest that TP levels would likely be somewhat higher, and in many cases exceed the "action level" developed for lakes. Although the TP action level was developed for lakes, and therefore may not be the most appropriate indicator of nutrient stress for the River, measurement of OP levels greater than 20 µg/L suggests that excess phosphorus may be a stressor. In addition, many reaches of the River support dense populations of aquatic plants, typically dominated by few species such as milfoil (*Myriophyllum spicata*) and elodea (*Elodea canadensis*), and experience frequent exceedances of the DO WQS. Based on this information, it is likely that the River system is receiving excess phosphorus. However, based on the limited available information, the extent of stress due to excess phosphorus cannot be determined. It is recommended that future monitoring on the River include measurement of TP.

Nutrients do not present a direct risk to human health; therefore, no human health assessment was conducted.

**Table 9. Concentrations of nutrients and conventional parameters measured in surface water, 2001-2003.**

| Station | Year | Hardness | Total Ammonia | Nitrate | Nitrate+ Nitrite | Nitrite (Calculated) | OP | TSS |
|---|---|---|---|---|---|---|---|---|
| WDFW Boat Launch | 2001 | 69 | 0.063 | 0.28 | 0.28 | 0.00 | 0.026 | 2 |
| | 2002 | 68 | 0.090 | 0.50 | 0.50 | 0.00 | 0.033 | 4.5 |
| | 2003 | 71 | 0.073 | 0.41 | 0.42 | 0.01 | 0.025 | 4.2 |
| Bothell Landing Park Bridge | 2001 | 67 | 0.044 | 0.32 | 0.32 | 0.00 | 0.023 | 2.8 |
| | 2002 | 68 | 0.071 | 0.51 | 0.51 | 0.00 | 0.028 | 3.8 |
| | 2003 | 72 | 0.056 | 0.32 | 0.33 | 0.01 | 0.023 | 1.9 |
| Below Little Bear Creek | 2001 | 62 | 0.036 | 0.18 | 0.18 | 0.00 | 0.016 | 1.6 |
| | 2002 | 64 | 0.14 | 0.61 | 0.64 | 0.03 | 0.042 | 6.6 |
| | 2003 | 69 | 0.021 | 0.42 | 0.43 | 0.01 | 0.027 | 1.9 |
| Below Woodin Creek | 2001 | 61 | 0.032 | 0.18 | 0.18 | 0.00 | 0.016 | 2.8 |
| | 2002 | 61 | 0.060 | 0.38 | 0.38 | 0.00 | 0.022 | 1.7 |
| | 2003 | 67 | 0.037 | 0.23 | 0.24 | 0.01 | 0.018 | 0.6 |
| 145th St. Bridge | 2001 | 57 | 0.019 | 0.13 | 0.13 | 0.00 | 0.0086 | 1.3 |
| | 2002 | 62 | 0.057 | 0.38 | 0.38 | 0.00 | 0.020 | 2 |
| | 2003 | 64 | 0.017 | 0.14 | 0.15 | 0.01 | 0.010 | 0.7 |

| Station | Year | Hardness | Total Ammonia | Nitrate | Nitrate+ Nitrite | Nitrite (Calculated) | OP | TSS |
|---|---|---|---|---|---|---|---|---|
| Unnamed Tributary at 145th St. Bridge | 2001 | 104 | 0.012 | 0.30 | 0.30 | 0.00 | 0.030 | 2.5 |
| | 2002 | 99 | 0.017 | 0.67 | 0.67 | 0.00 | 0.029 | 12 |
| | 2003 | 110 | 0.016 | 0.36 | 0.37 | 0.01 | 0.024 | 6.4 |
| 124th St. Bridge | 2001 | 59 | 0.017 | 0.23 | 0.23 | 0.00 | 0.012 | 0.81 |
| | 2002 | 56 | 0.083 | 0.40 | 0.42 | 0.02 | 0.015 | 0.82 |
| | 2003 | 57 | 0.018 | 0.30 | 0.30 | 0.00 | 0.014 | 1.1 |
| Unnamed Tributary at 124th St. Bridge | 2001 | 55 | 0.020 | 0.11 | 0.11 | 0.00 | 0.010 | 1.2 |
| | 2002 | 83 | 0.012 | 0.11 | 0.11 | 0.00 | 0.068 | 1.7 |
| | 2003 | 66 | 0.047 | 0.66 | 0.66 | 0.00 | 0.057 | 7.21 |
| 116th St. Bridge | 2001 | 54 | 0.013 | 0.10 | 0.10 | 0.00 | 0.0074 | 0.79 |
| | 2002 | 55 | 0.072 | 0.26 | 0.28 | 0.02 | 0.012 | 1.12 |
| | 2003 | 58 | 0.011 | 0.11 | 0.11 | 0.00 | 0.0086 | 0.7 |
| 90th St. Bridge | 2001 | 51 | 0.016 | 0.12 | 0.12 | 0.00 | 0.0086 | 1.1 |
| | 2002 | 53 | 0.096 | 0.26 | 0.29 | 0.03 | 0.015 | 2.1 |
| | 2003 | 55 | 0.015 | 0.11 | 0.11 | 0.00 | 0.011 | 1.15 |
| Below Bear Creek | 2001 | 58 | 0.012 | 0.31 | 0.31 | 0.00 | 0.020 | 3.2 |
| | 2002 | 55 | 0.15 | 0.38 | 0.41 | 0.03 | 0.025 | 4.7 |

| Station | Year | Hardness | Total Ammonia | Nitrate | Nitrate+ Nitrite | Nitrite (Calculated) | OP | TSS |
|---|---|---|---|---|---|---|---|---|
| | 2003 | 59 | ND | 0.25 | 0.25 | 0.00 | 0.020 | 3.4 |
| Marymoor Park Bridge | 2001 | 43 | 0.012 | ND | ND | ND | 0.0024 | 0.9 |
| | 2002 | 42 | 0.012 | ND | ND | ND | 0.0031 | 0.65 |
| | 2003 | 46 | 0.011 | ND | ND | ND | 0.0036 | 1.4 |

All units are mg/L except hardness which is mg CaCO3/L

OP = ortho phosphorus

TSS = total suspended solids

ND = analyte not detected above method detection limit

All values represent one sample with the following exceptions:

Duplicate samples were collected at Marymoor Park Bridge in 2001 and 2002 and 90th St. Bridge in 2003.
For these exceptions, values represent the mean of two duplicates, using the MDL for non-detected results.

## Hardness and Total Suspended Solids

Total hardness was measured in units of mg-$CaCO_3$/L. Total hardness is a measure of divalent ion concentrations, such as calcium and magnesium, and an indirect measure of buffering capacity. These ions react with carbonate and bicarbonate which act as a buffer in aquatic systems, thereby reducing the adverse impacts of large changes in pH that naturally occur from respiration and excretion processes. The Unnamed Tributary at 145$^{th}$ Street stands out with hardness values that are nearly double (99-110 mg-$CaCO_3$/L) those at the other stations. There may be natural sources of minerals upstream in the tributary or in groundwater seeps that cause hardness to be higher. This tributary is drained by a turf farm and elevated hardness may be associated with the agricultural amendments used in the turf production process. Although extremely elevated hardness can become problematic due to precipitation of solids, this condition is very rare, and the River appears to experience relatively low hardness.

Total suspended solids (TSS) concentrations are a metric of particulate matter in the water column. In highly productive systems, TSS is higher due to high concentrations of organic matter in the water column. Systems with rapid flow and fine sediments can also have high TSS because deposition rates are very slow. High TSS has adverse effects on plants, by decreasing light penetration, on filter feeders, by clogging their filtering organs, and on fish, by decreasing visibility and damaging gills. TSS in the River is well below the acute aquatic life threshold for TSS of 1000 mg/L. No chronic threshold is available. The Sammamish River is relatively slow-moving, which allows for sediment deposition, but it also has potential for high productivity during algal growth seasons.

## Field Parameters

The amount of DO in the water column is a critical factor determining the ability of a habitat to support aquatic life. In over productive or eutrophic systems, oxygen demand increases following algal blooms when microbial degradation of the dead organic matter occurs. These low oxygen conditions stress fish and other organisms and can cause fish kills. River DO concentrations varied somewhat between years but the minimum at each station was below the Washington State WQS of 9.5 mg/L for freshwaters (Table 10). Dissolved oxygen concentrations show peaks downstream of tributaries such as Bear Creek and Little Bear Creek. These tributaries are likely providing cooler, more oxygenated water to the River, causing temporary spikes. The lowest DO concentrations were measured at the mouth, near the WDFW Boat Launch and Bothell Landing Park Bridge. This may be due to the influence of Lake Washington which causes a backwater condition in the lower reaches of the River. The warmer and less oxygenated epilimnetic waters of Lake Washington likely penetrate into this area. Percent saturation is a measure of how much dissolved oxygen is in the water relative to the point of saturation which is determined by water temperature. As would be expected, percent saturation in the River generally corresponds to changes in dissolved oxygen (Table 10). The lowest percent saturation measurements were near the mouth of the River. A more detailed assessment of DO conditions in the River can be found in *Sammamish River Diel pH and Dissolved Oxygen Study* (King County 2005c).

Conductivity is a numerical expression of the ability of water to carry an electrical current. The number depends on the total concentration of ionized substances dissolved in the water and the temperature at which the measurement is made. Solutions containing most inorganic compounds are relatively good conductors, while organic compounds, which do not readily

dissociate, are poor conductors. Various pollution sources, such as wastewater and stormwater, typically have elevated conductivity due to the presence of ionized substances. Therefore, conductivity can be used as a general measure of water quality. It can also provide an indication of the type of pollutant that may be impacting water quality. Conductivity affects aquatic organism physiology because osmoregulation is reliant on external or environmental ionic concentrations. Conductivity was measured as specific conductance or conductivity normalized to 25 degrees Celsius. Specific conductance measurements in the River were in the 100-200 µmhos/cm range except at the Unnamed Tributary at 145th Street where specific conductance was in the low 200's µmhos/cm. Conductivity of potable waters in the United States generally ranges from 50 to 1,500 µmhos/cm; some industrial wastes have conductivities in excess of 10,000 µmhos/cm (APHA et al. 1998). Therefore, measured specific conductance in the River is relatively low and does not reflect any significant inputs from wastewater or industrial pollution.

Acidity in water is measured as pH, which, on a log scale, is the concentration of hydrogen ions. There is an acceptable pH range within which aquatic life can be sustained and this range varies between species. All of the River pH measurements were within the Washington State WQS range for freshwaters of 6.5-8.5. Thus, pH conditions appear normal in the River. A more detailed assessment of pH conditions in the River can be found in King County (2005c).

**Table 10. Field parameters measured in Sammamish River surface water, 2001-2003.**

| Station | Year [1] | DO[2] (mg/L) | Temperature (°C) | % $O_2$ Saturation | Conductivity (µmhos/cm) | pH |
|---|---|---|---|---|---|---|
| WDFW Boat Launch | 2001 | ***6.9*** | 17.0 | 71 | 168 | 7.5 |
| | 2002 | ***7.2*** | 13.6 | 70 | 174 | 6.8 |
| | 2003 | ***7.9*** | 15.3 | 78 | 185 | 6.9 |
| Bothell Landing Park Bridge | 2001 | ***6.3*** | 17.3 | 65 | 169 | 7.2 |
| | 2002 | ***7.8*** | 13.8 | 76 | 168 | 6.8 |
| | 2003 | ***7.8*** | 14.6 | 77 | 183 | 7.1 |
| Below Little Bear Creek | 2001 | ***8.4*** | 16.6 | 87 | 158 | 7.3 |
| | 2002 | ***9.2*** | 12.9 | 87 | 160 | 6.9 |
| | 2003 | 10.1 | 11.7 | 94 | 172 | 7.6 |
| Below Woodin Creek | 2001 | ***8.4*** | 16.5 | 85 | 154 | 7.4 |
| | 2002 | ***7.8*** | 14.3 | 76 | 157 | 6.7 |
| | 2003 | ***7.1*** | 14.9 | 70 | 172 | 7.0 |
| 145th St. Bridge | 2001 | ***9.1*** | 17.8 | 96 | 147 | 7.1 |

| Station | Year [1] | DO[2] (mg/L) | Temperature (°C) | % $O_2$ Saturation | Conductivity (µmhos/cm) | pH |
|---|---|---|---|---|---|---|
| | 2002 | ***7.8*** | 14.2 | 76 | 155 | 6.7 |
| | 2003 | ***8.3*** | 15 | 82 | 168 | 7.1 |
| Unnamed Tributary at 145th St. Bridge | 2001 | NM | NM | NM | 232 | 8.0 |
| | 2002 | 10.2 | 12.5 | 95 | 224 | 7.4 |
| | 2003 | ***8.3*** | 12.5 | 77 | 257 | 7.5 |
| 124th St. Bridge | 2001 | ***8.1*** | 17.4 | 84 | 140 | 7.0 |
| | 2002 | ***8.5*** | 14.2 | 82 | 144 | 6.8 |
| | 2003 | ***8.2*** | 12.1 | 76 | 184 | 7.1 |
| Unnamed Tributary at 124th St. Bridge | 2001 | NM | NM | NM | 143 | 7.1 |
| | 2002 | ***9.3*** | 12.1 | 86 | 218 | 7.1 |
| | 2003 | ***8.1*** | 12.7 | 77 | 142 | 6.9 |
| 116th St. Bridge | 2001 | ***8.1*** | 16.6 | 84 | 137 | 7.4 |
| | 2002 | ***8.8*** | 14 | 85 | 139 | 6.8 |
| | 2003 | ***8.4*** | 15.5 | 83 | 149 | 7.2 |
| 90th St. Bridge | 2001 | ***8.3*** | 17 | 86 | 132 | 7.4 |
| | 2002 | ***8.1*** | 14.1 | 79 | 134 | 6.8 |
| | 2003 | ***9.4*** | 15.7 | 95 | 143 | 7.3 |
| Below Bear Creek | 2001 | 10.2 | 14.6 | 101 | 131 | 7.9 |
| | 2002 | ***9.1*** | 13.4 | 86 | 138 | 6.9 |
| | 2003 | 10.5 | 14.6 | 104 | 149 | 7.8 |
| Marymoor Park Bridge | 2001 | ***8.4*** | 19.4 | 91 | 115 | 7.2 |
| | 2002 | ***7.9*** | 15.9 | 80 | 112 | 6.9 |
| | 2003 | ***8.7*** | 19.1 | 94 | 118 | 7.6 |

DO = dissolved oxygen

NM = not measured

[1] Field Measurements in 2001 were collected by USGS

[2] Values in ***BOLD italic*** do not meet DO WQS of 9.5 mg/L

As previously indicated, temperature conditions in the River have been identified as a limiting factor for salmonids (Kerwin 2001). The Sammamish River is considered a Class A water of the State. The temperature WQS for a Class A water body is 17.5°C (based on the highest 7-Day Average of Daily Maximum). The single annual temperature measurements collected for this study are not sufficient to assess stress related to elevated temperature. In addition, these measurements were not necessarily conducted when temperature stress would be greatest; likely earlier in the summer. Temperature data collected for this study were intended to be ancillary and for general purposes only. More detailed assessments of temperature in the River can be found in Buchak et al. (2001), DeGasperi (2001), Appendix B of King County (2002a), and King County (2005c). These documents present longer term temperature data and results of a CE-QUAL-W2 model used to assess temperature conditions in the River.

#### 5.1.1.2 Metals

Fourteen metals were detected in River water samples. Maximum concentrations of detected metals were compared to aquatic life and human health thresholds as part of the water quality assessment. The results are summarized in this section and ratios for metals that exceed thresholds are discussed below in relation to risk. The metal concentrations for individual samples and associated ratios for all metals can be found in Appendices A, B, D, E and H.

## Comparison to Aquatic Life Thresholds

Measured metal concentrations were well below the acute and chronic AWQC. Thus, no adverse effects on aquatic life are expected from metals concentrations in water.

## Comparison to Human Health Thresholds

The human health assessment evaluated only total metal results because the human health thresholds are based on total metals. Measured total metals concentrations were below thresholds for all detected metals except arsenic. The NTR and NRHH thresholds are the same for arsenic (0.14 µg/L), and this threshold was exceeded by maxima at every station (Table 11). Ratios generally increased upstream to downstream with notable increases near tributaries. Higher relative arsenic concentrations in the joining tributaries may be increasing overall River concentrations. The highest concentration was measured at the mouth where there are marina and gravel industry activities. Arsenic is a naturally-occurring metal, but also has industrial uses such as a wood preservative and as an ingredient in many pesticides. The inorganic form of arsenic (III and V) is highly toxic to humans, much more so than the organic form. The NTR and NRHH thresholds were developed based on inorganic arsenic only. Arsenic speciation was not conducted on the River samples, however, and the inorganic-based threshold was compared to the total arsenic concentration. Some studies of Washington State surface waters have demonstrated that inorganic arsenic can range widely from 25 to 100+% of total arsenic (Johnson and Golding 2002; Jack 2003). Therefore, the assumption that measured total arsenic concentrations are 100% inorganic is conservative and potentially unrealistic.

Because arsenic is a mineral naturally present in soils, a portion of the measured total arsenic can be considered background. There are few studies that examine Washington State background arsenic concentrations in ambient waters. However, two studies help provide a context for comparison. A study by Johnson and Golding (2002) measured total recoverable arsenic in rivers across Washington and found concentrations between 0.2 and 1.0 µg/L in rivers lacking apparent anthropogenic arsenic sources and concentrations of 2 to 5 µg/L in 303(d)-listed rivers (listed for any contaminant). A second study by Jack (2003) examined

ambient concentrations in four Washington lakes upstream of anthropogenic sources, including two lakes in Western Washington. The total arsenic concentrations in Western Washington lakes ranged from not detected to 0.26 µg/L. The River maxima concentrations were between 1.1 and 2.2 µg/L, indicating there may be anthropogenic arsenic sources within the River drainage. However, uncertainty remains as to the proportions of inorganic and organic arsenic in measured total concentrations and, therefore, in the risk of adverse effects to human health. To reduce this uncertainty, future speciation of arsenic in some portion of water samples is recommended. Total arsenic concentrations varied slightly by year at individual stations, but there was no indication of an increase. Thus, if anthropogenic sources exist, there is no reason to expect an increase in contamination in the near future. Continued monitoring for arsenic, including speciation, is recommended. If further study concludes risk from inorganic arsenic may be significant, more intensive sampling of the lower River and potential arsenic sources may be warranted.

**Table 11. Comparison of maximum metal concentrations in water samples by station to human health thresholds.**

| | **Arsenic** | |
|---|---|---|
| **Station** | **Maximum Concentration** | **NTR and NRHH ratio [1]** |
| WDFW Boat Launch | 0.0022 | **16** |
| Bothell Landing Park Bridge | 0.0021 | **15** |
| Below Little Bear Creek | 0.0021 | **15** |
| Below Woodin Creek | 0.0018 | **13** |
| 145 St. Bridge | 0.0015 | **11** |
| Unnamed Tributary at 145th St. Bridge | 0.0017 | **12** |
| 124th St. Bridge | 0.0015 | **11** |
| Unnamed Tributary at 124th St. Bridge | 0.0014 | **10** |
| 116th St. Bridge | 0.0015 | **10** |
| 90th St. Bridge | 0.0014 | **10** |
| Below Bear Creek | 0.0018 | **13** |
| Marymoor Park Bridge | 0.0011 | **7.7** |

All units are in mg/kg dry weight

NTR = National Toxics Rule values

NRHH = National Recommended Human Health values

Ratios greater than 1.0 are bolded.

[1] The NTR and NRHH values for arsenic are the same.

#### 5.1.1.3 Organics

Maximum concentrations of detected organic compounds were compared to aquatic life and human health thresholds as part of the water quality assessment. The results are summarized in this section, organized by analytical lab, and ratios for organics that exceed thresholds are discussed in relation to risk. The organics concentrations for individual samples and the ratios for all organics can be found in Appendices A, B, D, E and H.

A significant source of uncertainty is associated with the MDLs for methods used to analyze many organic compounds. Many MDLs for organic compounds are inadequate for detecting compounds at concentrations as low as human health or aquatic life thresholds. For example, the MDLs for many chlorinated pesticides (i.e., DDT, chlordane, dieldrin), PCB Aroclors and PAHs are an order of magnitude higher than the human health threshold. Thus, a non-detected result does not ensure that the compound is not present at levels that could cause adverse effects to humans. The MDLs for all compounds analyzed in water samples are presented in Appendices A, B, D, and E.

## King County Data

Nineteen organic compounds were detected in water samples analyzed by KCEL. The detected analytes included 6 pesticides, 8 polycyclic aromatic hydrocarbons (PAHs), 3 phthalates and 2 miscellaneous organics. The results of the comparison to aquatic life and human health thresholds for detected analytes are summarized in this section.

### Comparison to Aquatic Life Thresholds

None of the maximum concentrations for detected organic compounds in water exceeded aquatic life thresholds. Therefore, no adverse effects to aquatic life are expected from exposure to organic chemicals detected in River waters.

### Comparison to Human Health Thresholds

Ratios exceeded 1.0 for five PAHs and bis(2-ethylhexyl)phthalate (Table 12). Benzo(a)anthracene maximum concentrations just exceeded 1.0 for the NRHH threshold at two stations, Bothell Landing Park Bridge and Unnamed Tributary at 124$^{th}$ St. Bridge. Maximum concentrations of benzo(a)pyrene (the most toxic PAH), benzo(b)fluoranthene, benzo(k)fluoranthene and chrysene exceeded the NRHH thresholds at only the Unnamed Tributary at 124$^{th}$ St. Bridge. The NTR thresholds were only exceeded by benzo(b)fluoranthene at the same station. All of the PAH ratios were less than 2.0. PAHs are byproducts of incomplete combustion and natural components of crude oil and coal tar; they are common in stormwater runoff. It is unexpected that discharge from the Unnamed Tributary at the 124$^{th}$ Street Bridge would contain elevated PAHs relative to other River stations and the source is uncertain. Atmospheric deposition can be a significant transport mechanism for PAHs, so sources may not be local. An investigation of any activities that may be influencing the chemistry of irrigation discharge into this unnamed tributary at 124$^{th}$ Street Bridge may be warranted.

Bis(2-ethylhexyl)phthalate was detected in all laboratory blanks. With three exceptions, all results for bis(2-ethylhexyl)phthalate were “B” qualified for blank contamination and therefore,

considered as not detected. The exceptions exceed both the NTR and NRHH thresholds (Table 13). However, the rules used to assign "B" qualifiers apply a cutoff concentration[2] above which a detection is then not qualified, even though a portion of the detected concentration may be attributable to blank contamination. Therefore, it is likely that the three unqualified detections for bis(2-ethylhexyl)phthalate are overestimates of the actual environmental concentrations. Bis(2-ethylhexyl)phthalate is widely used as a plasticizer and is a ubiquitous contaminant. It is also a common contaminant in laboratory method blanks. Given the low ratios and the likely contribution from the method blank, bis(2-ethylhexyl)phthalate is not expected to cause adverse effects to human health.

[2] The rule used to assign blank contamination in 2001 and 2002 was to compare the detected concentration in the sample to 5X the analyte concentration in the blank. If the sample concentration exceeded this cutoff, the result was not qualified, otherwise it was "B" qualified. This rule changed at KCEL in 2003 so that the cutoff was10X the analyte concentration in the blank.

**Table 12. Comparison of maximum detected PAH concentrations to human health thresholds.**

| | Benzo(a)anthracene | | Benzo(a)pyrene | | Benzo(b)fluoranthene | | | Benzo(k)fluoranthene | | Chrysene | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Station** | **Maximum Concentration** | **NRHH Ratio** | **Maximum Concentration** | **NRHH Ratio** | **Maximum Concentration** | **NTR Ratio** | **NRHH Ratio** | **Maximum Concentration** | **NRHH Ratio** | **Maximum Concentration** | **NRHH Ratio** |
| WDFW Boat Launch | ND | -- | ND | -- | ND | -- | -- | ND | -- | ND | -- |
| Bothell Landing Park Bridge | 0.019 | **1.1** | ND | -- | ND | -- | -- | ND | -- | 0.012 | 0.67 |
| Below Little Bear Creek | ND | -- | ND | -- | ND | -- | -- | ND | -- | ND | -- |
| Below Woodin Creek | ND | -- | ND | -- | ND | -- | -- | ND | -- | ND | -- |
| 145th St. Bridge | ND | -- | ND | -- | ND | -- | -- | ND | -- | ND | -- |
| Unnamed Tributary at 145th St. | ND | -- | ND | -- | ND | -- | -- | ND | -- | ND | -- |
| 124th St. Bridge | 0.017 | 0.94 | ND | -- | ND | -- | -- | ND | -- | 0.015 | 0.83 |
| Unnamed Tributary at 124th St. Bridge | 0.028 | **1.6** | 0.029 | **1.6** | 0.033 | **1.1** | **1.8** | 0.028 | **1.6** | 0.023 | **1.3** |
| 116th St. Bridge | ND | -- | ND | -- | ND | -- | -- | ND | -- | ND | -- |
| 90th St. Bridge | ND | -- | ND | -- | ND | -- | -- | ND | -- | ND | -- |
| Below Bear Creek | ND | -- | ND | -- | ND | -- | -- | ND | -- | ND | -- |
| Marymoor Park Bridge | ND | -- | ND | -- | ND | -- | -- | ND | -- | ND | -- |

All units are µg/L

-- = Ratio not calculated; chemical not detected at this station

ND = not detected at MDL; see Appendix A for MDLs

Ratios that exceed 1.0 are bolded.

**Table 13. Comparison of maximum detected phthalate concentrations to human health thresholds.**

| | Bis(2-Ethylhexyl) phthalate | | |
|---|---|---|---|
| **Station** | **Maximum Concentration** | **NTR Ratio** | **NRHH Ratio** |
| WDFW Boat Launch | 10 | **1.7** | **4.5** |
| Bothell Landing Park Bridge | ND | -- | -- |
| Below Little Bear Creek | ND | -- | -- |
| Below Woodin Creek | ND | -- | -- |
| 145th St. Bridge | 8.1 | **1.4** | **3.7** |
| Unnamed Tributary at 145th St. Bridge | ND | -- | -- |
| 124th St. Bridge | ND | -- | -- |
| Unnamed Tributary at 124th St. Bridge | ND | -- | -- |
| 116th St. Bridge | ND | -- | -- |
| 90th St. Bridge | 10 | **1.7** | **4.6** |
| Below Bear Creek | ND | -- | -- |
| Marymoor Park Bridge | ND | -- | -- |

All units are µg/L

ND = not detected at MDL; see Appendix A for MDLs

-- = Ratio not calculated; chemical not detected at this station

Ratios that exceed 1.0 are bolded.

## Endocrine Disrupting Compounds

As previously indicated, some chemicals classified as EDCs were analyzed in River water samples. In 2001, samples were analyzed by the USGS using their "Wastewater Method." However, it is important to note that the majority of the chemicals analyzed by this method are not classified as EDCs. Only EDC results will be presented in this section. The remainder of the USGS data will be discussed in "USGS Data" below. The following provides a summary of the EDC data collected from the River. Tables 14 and 15 outline the concentrations of detected EDCs in River samples analyzed in 2002 and 2003 by KCEL. Only four (bisphenol A, total 4-nonylphenol, estradiol and ethynylestradiol) of the ten compounds were detected.

Bisphenol A was detected at least once during both 2002 and 2003 in 8 of the 12 samples collected each year. In general, detected levels were very low. Bisphenol A was never detected below Woodin Creek, the Unnamed Tributary at 145$^{th}$ St. Bridge, the 90$^{th}$ Street

Bridge, or the Below Bear Creek station. In 2001, bisphenol A was detected by USGS (Table 14) at 2 locations (Unnamed Tributary at 124th St. Bridge and Marymoor Park Bridge) at concentrations similar to those detected by KCEL in 2001 and 2003.

The inconsistent detection of bisphenol A throughout the length of the river and between years, suggests a diffuse source. There are no water quality criteria available for bisphenol A; however, all detected concentrations were below values identified in the literature to cause adverse effects (King County 2005b). Thus, it is not expected that bisphenol A levels in the River would cause adverse effects. However, this assessment does not take into account any type of additive or synergistic effects that may occur.

Total 4-nonylphenol was only detected once at one station (145th St. Bridge) in 2002. This value (0.28 µg/L) is below the draft EPA chronic water quality criteria for nonylphenol of 5.9 µg/L. However, this draft criterion was not derived based on endocrine related effects or low level exposures. Some effects to aquatic life have been observed at nonylphenol levels as low as 0.1 µg/L (King County 2005b).

**Table 14. Concentrations of EDCs – Bisphenol A and Total 4-nonylphenol measured in water samples analyzed by GC/MS.**

| Station | Bisphenol A (µg/L) | | | Total 4-Nonylphenol (µg/L) | | |
|---|---|---|---|---|---|---|
| Year | 2001[b] | 2002[c] | 2003[c] | 2001[b] | 2002[c] | 2003[c] |
| WDFW Boat Launch | <1.0 | 0.22 | 0.43 | <5.0 | <0.13 | <0.12 |
| Bothell Landing Park Bridge | <1.0 | 0.24 | 0.44 | <5.0 | <0.12 | <0.12 |
| Below Little Bear Creek | <1.0 | 0.18 | <0.12 | <5.0 | <0.12 | <0.12 |
| Below Woodin Creek | <1.0 | <0.12 | <0.12 | <5.0 | <0.12 | <0.12 |
| 145th St. Bridge | <1.0 | 0.25 | <0.12 | <5.0 | 0.28 | <0.12 |
| Unnamed Tributary at 145th St. Bridge | <1.0 | <0.12 | <0.12 | <5.0 | <0.12 | <0.12 |
| 124th St. Bridge | <1.0 | <0.13 | 0.39 | <5.0 | <0.12 | <0.12 |
| Unnamed Tributary at 124th St. Bridge | 0.48[a] | 0.26 | 0.48 | <5.0 | <0.13 | <0.12 |
| 116th St. Bridge | <1.0 | 0.21 | <0.12 | <5.0 | <0.13 | <0.12 |
| 90th St. Bridge | <1.0 | <0.12 | <0.12 | <5.0 | <0.12 | <0.12 |
| Below Bear Creek | <1.0 | <0.13 | <0.12 | <5.0 | <0.13 | <0.12 |
| Marymoor Park Bridge | 0.41[a] | 0.24 | <0.12 | <5.0 | <0.12 | <0.12 |

Values preceded by < not detected above analytical detection limit
a Value is an Estimate
b Samples analyzed by USGS
c Samples analyzed by KCEL

Estradiol (E2) and ethynylestradiol (EE2) were also detected in River samples. E2 was not detected at any location in 2002, but was detected at all locations at low levels in 2003 (Table 15). Concentrations ranged from 0.3 ng/L to 0.6 ng/L. EE2 was not detected as frequently, but was present at higher concentrations. In 2002, EE2 was detected at 2 locations, and in 2003 at 6 locations. Concentrations ranged from 0.3 ng/L to 4.0 ng/L. E2 was analyzed by USGS in 2001, but was not detected; likely due to the high detection limit of 5 µg/L. EE2 was not analyzed by USGS in 2001.

In general, levels of both compounds were low. There are no water quality criteria for EE2 or E2. However, the detected levels of both compounds are above literature values observed to cause some effects to aquatic life. Additional data would be necessary to better understand the potential for adverse effects to occur from exposure to these compounds.

**Table 15. Concentrations of EDCs – Estradiol and ethynylestradiol measured in water samples.**

| Station | Estradiol ng/l | | | Ethynylestradiol ng/l | | |
|---|---|---|---|---|---|---|
| | 2001[a,] | 2002[b,d] | 2003 [b,d] | 2001[a,] | 2002[b,d] | 2003 [b,d] |
| WDFW Boat Launch | <500 | <2 | 0.6 | NA | <3 | 0.8 |
| Bothell Landing Park Bridge | <500 | <2 | 0.6 | NA | <3 | 0.3 |
| Below Little Bear Creek | <500 | <2 | 0.3 | NA | <3 | 0.3 |
| Below Woodin Creek | <500 | <2 | 0.5 | NA | <3 | <0.3 |
| 145 St. Bridge | <500 | <2 | 0.4 | NA | 4.0 | <0.3 |
| Unnamed Tributary at 145th St. Bridge | <500 | <2 | 0.7 | NA | <3 | <0.3 |
| 124th St. Bridge | <500 | <2 | 0.5 | NA | <3 | <0.3 |
| Unnamed Tributary at 124th St. Bridge | <500 | <2 | 0.3 | NA | 3.0 | 0.9 |
| 116th St. Bridge | <500 | <2 | 0.6 | NA | <3 | <0.3 |
| 90th St. Bridge | <500 | <2 | 0.6 | NA | <3 | 0.3 |
| Below Bear Creek | <500 | <2 | 0.3 | NA | <3 | <0.3 |
| Marymoor Park Bridge | <500 | <2 | 0.3 | NA | <3 | <0.3 |

a Samples analyzed by USGS
b Samples analyzed by KCEL
d analyzed by ELISA
NA – Not analyzed
Values preceded by < not detected above analytical detection limit

## USGS Data

### Pesticides and Miscellaneous Organics

Twelve other organic compounds were detected in water samples analyzed by the USGS NWQL (Table 16). Aquatic life thresholds are available for caffeine, isophorone and phenol, and human health thresholds are available for isophorone and phenol. None of these thresholds were exceeded except the chronic aquatic life threshold for phenol (0.18 ug/L). This threshold was exceeded by up to 3.4 times at all stations except Marymoor Park Bridge and the Unnamed Tributary at 124$^{th}$ Street Bridge: the lack of exceedance at Marymoor Park Bridge suggests that phenol is not being transported from Lake Sammamish water. Phenol is heavily used in the plastics manufacturing industry but is also used in the manufacture of various other products from paint to textiles and soap. Thus, there are many sources of phenol in urban and industrial areas. The chronic screening value was derived from an acute LC50 for carp using a safety factor of 10 to adjust to chronic exposure. This approach is often conservative and, in this case, likely to be overconservative when considering the distribution of other effect concentration, LC50, and no effect concentration (NOEC) data in the EPA ECOTOX database. The study used as the basis for the chronic value (Verma et al. 1981) reports an acute value that is orders of magnitude lower than those reported by other studies for the same and other species. NOEC values listed in ECOTOX for rainbow trout and Coho salmon are 118 ug/L and 3150 ug/L; 2 or more orders of magnitude higher than the chronic value. NOEC values are typically an estimate of the upper limit of exposure where no effects would occur. Thus, adverse effects to aquatic life from exposure to phenol in the River are not likely to occur.

Many of the organic compounds without thresholds were only detected at a few stations and just above the method detection limit. Therefore, the risk of adverse effects from these organics appears minimal.

**Table 16. Concentrations of other organics detected in water samples analyzed by NWQL.**

| Station | 3*B*-Copro-stanol | 4-Tertoctyl-phenol | *B*-Sito-sterol | Caffeine | Cholesterol | Dissolved Isophorone | Filtered Phenol | Stigma-stanol | Fyrol PCF | Tributyl-phosphate | Triclosan | Triphenol Phosphate |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WDFW Boat Launch | ND | ND | ND | 0.033 [a] | 0.62 [a] | 0.27 [a] | 0.44 [a] | ND | ND | 0.06 [a] | ND | 0.01 [a] |
| Bothell Landing Park Bridge | ND | 0.02 [a] | ND | 0.024 [a] | 0.36 [a] | ND | 0.62 | ND | 0.03 [a] | 0.05 [a] | 0.04 [a] | M |
| Below Little Bear Creek | ND | ND | ND | 0.019 [a] | 0.46 [a] | ND | 0.45 [a] | ND | ND | ND | ND | ND |
| Below Woodin Creek | ND | ND | ND | 0.019 [a] | 0.39 [a] | 1.3 | 0.36 [a] | ND | ND | 0.07 [a] | ND | ND |
| 145th St. Bridge | ND | 0.02 [a] | ND | 0.02 [a] | 0.38 [a] | ND | 0.24 [a] | ND | ND | 0.04 [a] | ND | ND |
| Unnamed Tributary at 145th St. Bridge | ND | 0.12 [a] | ND | ND | ND | ND | 0.52 | ND | ND | ND | ND | ND |
| 124th St. Bridge | ND | 0.02 [a] | ND | 0.017 [a] | 0.69 [a] | ND | 0.24 [a] | ND | ND | 0.05 [a] | ND | 0.01 [a] |
| Unnamed Tributary at 124th St. Bridge | ND | 0.01 [a] | ND | 0.024 [a] | 0.71 [a] | ND | 0.1 [a] | ND | ND | ND | ND | ND |
| 116th St. Bridge | ND | ND | ND | 0.02 [a] | 1.1 [a] | 0.31 [a] | 0.42 [a] | ND | ND | 0.08 [a] | 0.06 [a] | ND |
| 90th St. Bridge | ND | ND | ND | 0.02 [a] | 0.61 [a] | ND | 0.2 [a] | ND | ND | ND | 0.04 [a] | ND |
| Below Bear Creek | 0.25 [a] | 0.02 [a] | 0.36 [a] | ND | 0.49 [a] | ND | 0.3 [a] | 0.37 [a] | ND | ND | 0.1 [a] | 0.01 [a] |
| Marymoor Park Bridge | ND | 0.02 [a] | ND | 0.031 [a] | 0.48 [a] | ND | 0.18 [a] | ND | ND | 0.06 [a] | ND | ND |

All units are µg/L

[a] = concentrations are estimated

ND = not detected at MDL; see Appendix B for MDLs

M = presence verified but not quantified.

### Stream Toxicity Study Pesticides Analysis

There were three pesticides detected in water samples analyzed by USGS NWQL (Table 17). All of these detected results were "J" qualified as estimated, and none of them were above aquatic life thresholds. Because detected concentrations were just above the MDLs, and well below ecological thresholds, no adverse effects are expected from exposure to these pesticides. There are no human health thresholds (i.e. NTR or NRHH) available for these pesticides.

**Table 17. Concentrations of detected pesticides in water samples analyzed by NWQL (2001).**

| Station | Diazinon | Prometon | Tebuthiuron |
|---|---|---|---|
| Bothell Landing Park Bridge | 0.002 | 0.006 | 0.005 |
| 145th Street Bridge | 0.002 | 0.006 | 0.004 |
| Unnamed Tributary at 145th Street Bridge | ND | ND | ND |
| 124th Street Bridge | 0.002 | 0.006 | ND |
| Unnamed Tributary at 124th Street Bridge | 0.002 | 0.006 | 0.006 |
| Marymoor Park | 0.003 | 0.006 | 0.006 |

All units are µg/L
All detected values were qualified as estimated

ND = not detected at MDL; see Appendix D for MDLs

## DOE Pesticides Analysis

Only five pesticides were detected in the 2001 water samples analyzed by DOE-EL as part of the Small Streams Toxicity Study (Table 18); all concentrations were qualified as estimated. Aquatic life thresholds are available for all detected pesticides and concentrations were all below the thresholds. Therefore, the risk to aquatic life from exposure to these pesticides is considered insignificant.

**Table 18. Concentrations of detected pesticides in Sammamish River water samples analyzed by DOE-EL.**

| Station | 2,4-D | 4-Nitrophenol | Dicamba I | MCPP (Mecoprop) | Triclopyr |
|---|---|---|---|---|---|
| Bothell Landing Park Bridge | 0.042 | ND | ND | 0.0062 | 0.0098 |
| 145th Street Bridge | 0.051 | 0.032 | ND | 0.006 | 0.012 |
| Unnamed Tributary at 145th St. Bridge | ND | 0.054 | ND | ND | ND |
| 124th Street Bridge | 0.053 | ND | 0.003 | 0.0063 | 0.0053 |
| Unnamed Tributary at 124th St. Bridge | 0.084 | ND | 0.025 | 0.0071 | 0.047 |
| Marymoor Park Bridge | 0.094 | 0.035 | ND | 0.028 | ND |

All units are µg/L..

ND = not detected at MDL; see Appendix E for MDLs

All detected values are qualified as estimated.

### 5.1.2 Sediment

This section summarizes the analytical results for sediment samples collected at 10 sediment stations during 2001 and 2003. Conventional parameter results are briefly discussed here and the SEM and AVS calculations are discussed in the context of metal bioavailability. In addition, the metal and organic compound assessments are summarized highlighting the analytes for which ratios exceeded thresholds. The metal and organic compound assessments include comparison to only aquatic life thresholds because human health screening thresholds have not been established for sediment.

#### 5.1.2.1 Conventional Parameters and Nutrients

Grain size, total organic carbon (TOC), total solids and nutrients were determined at all stations both sampling years. These parameters are factors that influence sediment chemistry and chemical bioavailability and toxicity, and impact habitat quality for the benthic community. There are no sediment quality standards for conventional parameters; aquatic organisms can tolerate a wide range of these parameters. Therefore, no quantitative assessment was conducted for conventional parameters. These data will be considered in the context of the benthic macroinvertebrate community results discussed later. The conventional results will also provide a baseline for future monitoring to enable changes to be identified. Tables 19 and 20 summarize the conventional parameters and nutrient results. Concentrations are presented on a dry weight basis, unless noted otherwise.

**Table 19. Sediment conventional measurements for Sammamish River, 2001 and 2003**

| | | Grain Size Distribution | | | | | |
|---|---|---|---|---|---|---|---|
| **Station** | **Year** | **Gravel** | **Sand** | **Silt** | **Clay** | **Total Organic Carbon** | **Total Solids** |
| WDFW Boat Launch | 2001 | 1.8 | 78 | 20 | 1.2 | 1.51 | 58 |
| | 2003 | 1.1 | 85 | 13 | 1.7 | 1.17 | 59 |
| Bothell Landing Park Bridge | 2001 | 1.2 | 87 | 12 | ND | 1.58 | 54 |
| | 2003 | 11 | 87 | 2 | ND | 0.24 | 76 |
| Below Little Bear Creek | 2001 | 1.9 | 92 | 6.1 | ND | 0.93 | 69 |
| | 2003 | 41 | 56 | 0.6 | 2.4 | 0.41 | 80 |
| Below Woodin Creek | 2001 | 2.4 | 93 | 4.7 | ND | 0.28 | 75 |
| | 2003 | 0.9 | 66 | 26 | 6.9 | 3.87 | 30 |
| 145th St. Bridge | 2001 | 28 | 67 | 4.8 | ND | 1.09 | 63 |
| | 2003 | 35 | 61 | 3.7 | 0.3 | 1.10 | 70 |
| 124th St. Bridge | 2001 | 3.7 | 93 | 3.3 | ND | 0.81 | 72 |
| | 2003 | 49 | 47 | 2.7 | 0.9 | 0.44 | 82 |
| 116th St. Bridge | 2001 | 67 | 30 | 2.9 | ND | 0.15 | 87 |
| | 2003 | 60 | 37 | 2.6 | 0.1 | 0.23 | 86 |
| 90th St. Bridge | 2001 | 38 | 57 | 5.1 | ND | 1.90 | 70 |
| | 2003 | 43 | 52 | 4.1 | 1.2 | 1.01 | 70 |
| Below Bear Creek | 2001 | 8.2 | 89 | 2.4 | ND | 1.37 | 64 |
| | 2003 | 41 | 56 | 3 | 0.1 | 0.26 | 81 |
| Marymoor Park Bridge | 2001 | 52 | 48 | ND | ND | 0.17 | 80 |
| | 2003 | 54 | 43 | 2 | 0.1 | 0.13 | 79 |

All units are %

ND = not detected above method detection limit

All values represent a single sample except at WDFW Boat Launch where duplicate samples were collected. At this station, values are the mean of two duplicates using the method detection limit for nondetected results.

**Table 20. Concentrations of nutrients detected in sediment samples, 2001 and 2003.**

| Station | Year | Ammonia | Extractable P | Total P | Total Sulfides |
|---|---|---|---|---|---|
| WDFW Boat Launch | 2001 | 15 | 22 | 405 | 136 |
| | 2003 | 13 | 26 | 496 | 92 |
| Bothell Landing Park Bridge | 2001 | 23 | 34 | 381 | 93 |
| | 2003 | 4.4 | 9.3 | 368 | 20 |
| Below Little Bear Creek | 2001 | 4.0 | 12 | 248 | 54 |
| | 2003 | 3.6 | 19 | 502 | 24 |
| Below Woodin Creek | 2001 | 3.3 | 8.0 | 465 | ND |
| | 2003 | 80 | 51 | 728 | 563 |
| 145th St. Bridge | 2001 | 12 | 16 | 371 | 41 |
| | 2003 | 3.6 | 6.8 | 307 | 228 |
| 124th St. Bridge | 2001 | 6.2 | 19 | 589 | 10 |
| | 2003 | 8.0 | 6.8 | 578 | 20 |
| 116th St. Bridge | 2001 | 2.0 | 4.5 | 317 | ND |
| | 2003 | 2.0 | 6.3 | 450 | 16 |
| 90th St. Bridge | 2001 | 9.2 | 8.1 | 195 | 10 |
| | 2003 | 6.9 | 7.8 | 218 | 27 |
| Below Bear Creek | 2001 | 7.0 | 13 | 257 | 9.1 |
| | 2003 | 2.8 | 8.3 | 375 | 22 |
| Marymoor Park Bridge | 2001 | 2.8 | 4.4 | 341 | 7.7 |
| | 2003 | 2.6 | 6.4 | 377 | 108 |

Note: All units are mg/kg dry weight.
ND = not detected above method detection limit
P = phosphorus

### 5.1.2.3 Metals and Butyltins

Ten metals, in addition to tributyltin (TBT) and its derivatives, were detected in sediment samples from the River. Maximum concentrations for detected metals and butyltins were compared to aquatic life thresholds to assess sediment quality. To evaluate metals bioavailability, SEM and AVS calculations were performed including organic-carbon

normalization. The results of the metal sediment quality and metal bioavailability assessment are presented here, highlighting analytes for which ratios exceed 1.0. Tables 21-22 present results for the various metals analyses and AVS by station for each year. Appendix H presents all the ratios for detected metals.

Maximum arsenic concentrations exceeded the TEL, PEL and FP STAT at the Below Woodin Creek station (Table 21). The TEL and PEL were exceeded by maximum arsenic concentrations at 124$^{th}$ Street Bridge, and only the TEL was exceeded at Bothell Landing Park Bridge. The range between the TEL and the PEL is a grey area where the likelihood for adverse effects is uncertain. The TEL ratio at Bothell Landing Park Bridge is 1.1, a small exceedance and the PEL ratio is only 0.4. Therefore, adverse effects are highly unlikely at this station. Maximum arsenic concentrations at the Below Woodin Creek and 124$^{th}$ Street Bridge stations are above 20 mg/kg and warrant more consideration. A study by Jack (2003) measured background arsenic concentrations in lake sediments and observed seasonal variations in summer and fall. The sediment arsenic concentration in one of two Western Washington lakes was 25 mg/kg dry weight in fall and 13 mg/kg dry weight in summer. The highest River concentration was 22 mg/kg dry weight, within the range of variation observed from the Jack (2003) study. Thus, it seems possible that River sediment has a high natural background arsenic concentration and that anthropomorphic inputs may not be occurring. Arsenic concentrations in River surface waters were also high relative to human health thresholds as discussed earlier. Further investigation of total arsenic in surface water may also lead to explanation of arsenic sources in sediment.

Maximum nickel concentrations exceeded only the TEL at every station. All ratios were less than 2. Nickel is a natural element also used in industrial processes such as metal plating. Ecology (1994) measured natural background concentrations of metals in soils across Washington State and found that Puget Sound area soils contained nickel and other metals at higher concentrations than soils in eastern Washington. The 90$^{th}$ percentile concentration of nickel in Puget Sound soils was 48 mg/kg. The maximum nickel concentration measured in River sediments was 22 mg/kg. Thus, it seems feasible that River sediment nickel concentrations are within the range of natural background. Because TEL ratios are very low, and background nickel concentrations in local soils may account for these concentrations, adverse effects to aquatic life are not expected.

The only butyltin for which sediment thresholds are available was tri-n-butyltin (TBT). TBT was historically used as an antifouling agent in marine paints. The FP STAT and CSL were only developed for tri-n-butyltin. The detected TBT concentrations were below these thresholds; therefore, no adverse effects to aquatic life are expected from TBT in sediment.

**Table 21. Comparison of maximum concentrations of detected metals in sediment samples to sediment quality thresholds.**

| | Arsenic | | | | Nickel | |
|---|---|---|---|---|---|---|
| **Station** | **Maximum Concentration** | **TEL Ratio** | **PEL Ratio** | **FP STAT Ratio** | **Maximum Concentration** | **TEL Ratio** |
| WDFW Boat Launch | ND | -- | -- | -- | 30 | **1.6** |
| Bothell Landing Park Bridge | 6.7 | **1.1** | 0.4 | 0.3 | 25 | **1.4** |
| Below Little Bear Creek | ND | -- | -- | -- | 22 | **1.2** |
| Below Woodin Creek | 22 | **3.8** | **1.3** | **1.1** | 35 | **1.9** |
| 145th St. Bridge | 4.0 | 0.7 | 0.2 | 0.2 | 22 | **1.2** |
| 124th St. Bridge | 21 | **3.5** | **1.2** | 1.0 | 23 | **1.3** |
| 116th St. Bridge | 5.7 | 1.0 | 0.3 | 0.3 | 20 | **1.1** |
| 90th St. Bridge | ND | -- | -- | -- | 22 | **1.2** |
| Below Bear Creek | 3.4 | 0.6 | 0.2 | 0.2 | 22 | **1.2** |
| Marymoor Park Bridge | 4.4 | 0.7 | 0.3 | 0.2 | 20 | **1.1** |

Ratios for sediment quality thresholds are presented only if there was an exceedance (>1.0)

All units are mg/kg dry weight.

TEL = threshold effect level (Smith et al. 1996)

PEL = probable effects level (Smith et al. 1996)

FP STAT = floating percentile based on statistical significance rules (Avocet and SAIC 2002, Avocet 2003)

ND = Not detected at this station

-- = Ratio not calculated; chemical not detected at this station

## SEM/AVS

Simultaneously extractable metals (SEM) concentrations in sediment are analyzed differently than total metals. The method requires an acid extraction which is then analyzed by ICP-OES for all SEM metals. SEM is calculated as the sum of cadmium, copper, lead, nickel, and zinc concentrations in µmole/g. These divalent metals bind with available sulfide in the sediment, forming insoluble sulfide complexes thereby reducing metal bioavailability. These metal ions bond to sulfide in a 1:1 mole ratio. Therefore, the ratio of total SEM to AVS indicates the excess of these 5 metals present that would not be bound, and therefore, freely available for biological uptake. An SEM/AVS ratio greater than 1.0 would suggest that some of the metals would be bioavailable. All of the extractable zinc results for sediments collected in 2001 were “B” qualified. Thus, an SEM total could not be calculated. In addition, AVS was not detected in all of the remaining samples, therefore, one-half the MDL was used as an estimate which may

underestimate or overestimate actual AVS concentrations. If the full MDL value was used for non-detected concentrations instead of one-half the MDL, the final SEM:AVS ratio would be lower by half. Under either assumption, the SEM/AVS ratios indicate that there is a relatively low mass of divalent bioavailable metals in River sediments at these stations. Uncertainty surrounding the actual AVS concentrations due to non-detected results and blank qualified data precludes any further conclusions.

Organic carbon normalization of the excess SEM is another method of evaluating bioavailability for the five divalent metals. All of the normalized excess SEM concentrations calculated for sediment samples are below the toxicity threshold of 150 µmole SEM/g OC, developed by McGrath et al. (2002) (Table 22). According to the distribution of toxicity data collected by McGrath et al. (2002), the highest ratio calculated in Table 22, 40 µmole SEM/g OC, falls into a concentration range where lethal effects are not observed. Therefore, adverse effects to benthic invertebrates are not expected from the five SEM metals. Also, it should be noted that AVS was not detected in any of the samples (Table 22) and half the MDL was assumed. Therefore, these estimates are uncertain.

**Table 22. Simultaneously extractable metals and acid volatile sulfides in sediments, 2003.**

| Station | Cadmium | Copper | Lead | Nickel | Zinc | SEM | AVS | SEM:AVS | OC-normalized Excess SEM (umole/gOC) |
|---|---|---|---|---|---|---|---|---|---|
| 145th St. Bridge | 0.0003 | 0.037 | 0.008 | 0.023 | 0.125 | 0.19 | 0.022 | **8.7** | 15.6 |
| 124th St. Bridge | 0.0002 | 0.020 | 0.013 | 0.012 | 0.052 | 0.10 | 0.019 | **5.1** | 17.7 |
| 116th St. Bridge | 0.0002 | 0.023 | 0.042 | 0.008 | 0.036 | 0.11 | 0.018 | **6.0** | 40.5 |
| 90th St. Bridge | 0.0003 | 0.006 | 0.011 | 0.016 | 0.102 | 0.13 | 0.022 | **6.1** | 11.1 |
| Below Bear Creek | 0.0002 | 0.0081 | 0.006 | 0.004 | 0.042 | 0.059 | 0.019 | **3.1** | 15.7 |
| Marymoor Park Bridge | 0.0002 | 0.0074 | 0.004 | 0.002 | 0.038 | 0.051 | 0.020 | **2.6** | 24.1 |

All units are umol/g dry weight unless noted.

All of the 2001 extractable and some of the 2003 zinc results were “B” qualified and SEM could not be calculated.

NR = not relevant

SEM - simultaneously extractable metals

AVS - acid volatile sulfides

Ratios that exceed 1.0 are bolded.

Full method detection limit value was used for non-detect simultaneously extractable metals.

All AVS results presented were not detected above the MDL; one half the method detection limit was used to maintain conservatism.

All values represent a single sample.

5.1.2.4 Organics

Of the 111 organic compounds analyzed, eleven PAHs, three phthalates, one pesticide and five miscellaneous organic chemicals were detected in at least one sediment sample. Tables 23 and 24 present the ratios for detected organic chemicals that have exceedances.

## PAHs

PAHs are formed during combustion of fuels as in automobile and airplane engines and some are also formed from charbroiling food. PAHs are very stable compounds and commonly detected in environmental samples. Sediment thresholds were available for 9 of the 11 detected PAHs. Of these, maxima exceeded the TEL for 5 PAHs (Table 23). All ratios were relatively small; the largest TEL ratios were for benzo(a)pyrene and pyrene at the Below Woodin Creek station. It is possible that tributary input may be slightly elevating PAH levels in the River. However, no obvious PAH source has been identified at this time. All of the benzo(a)pyrene concentrations measured in 2001 were qualified for blank contamination; thus, the dataset is limited for this analyte. Benzo(a)pyrene is the most toxic of the PAHs. PAH TEL exceedance occurred at 5 of the 10 sampling stations. Given that the maximum concentrations are relatively low and below the PEL and other thresholds, the risk of adverse effects to aquatic life from sediment PAH concentrations is low.

**Table 23. Comparison of maximum sediment concentrations of detected polycyclic aromatic hydrocarbons to sediment quality values.**

| | Benzo(a)anthracene | | Benzo(a)pyrene | | Fluoranthene | | Phenanthrene | | Pyrene | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Station Location** | **Max Concentration** | **TEL Ratio** | **Max Concentration** | **TEL Ratio** | **Max Concentration** | **TEL Ratio** | **Max Concentration** | **TEL Ratio** | **Max Concentration** | **TEL Ratio** |
| WDFW Boat Launch | 33 | 1.0 | 15 | 0.47 | 81 | 0.72 | 33 | 0.78 | 89 | **1.7** |
| Bothell Landing Park Bridge | 66 | **2.1** | 4 | 0.13 | 153 | **1.4** | 65 | **1.5** | 147 | **2.8** |
| Below Little Bear Creek | 32 | 1.0 | 9 | 0.28 | 76 | 0.69 | 41 | 0.97 | 73 | **1.4** |
| Below Woodin Creek | 87.1 | **2.7** | 128 | **4.0** | 237 | **2.1** | 74 | **1.8** | 227 | **4.3** |
| 145 St. Bridge | 38 | **1.2** | 13 | 0.41 | 79 | 0.71 | 45 | **1.1** | 91 | **1.7** |
| 124th St. Bridge | 37 | **1.2** | 22 | 0.69 | 89 | 0.80 | 59 | **1.4** | 91 | **1.7** |
| 116th St. Bridge | 5.3 | 0.17 | ND | -- | ND | -- | ND | -- | ND | -- |
| 90th St. Bridge | 52 | **1.6** | 61 | **1.9** | 124 | **1.1** | 48 | **1.1** | 112 | **2.1** |
| Below Bear Creek | 19 | 0.58 | ND | -- | 34 | 0.30 | 18 | 0.44 | 43 | 0.8 |
| Marymoor Park Bridge | 3.9 | 0.12 | ND | -- | ND | -- | ND | -- | ND | -- |

All units are µg/kg dry weight.

Ratios for sediment quality thresholds are presented only if there was an exceedance (>1.0).
ND = not detected above method detection limit

TEL = threshold effect level (Smith et al. 1996)

## Phthalates

Phthalates are used as plasticizers in many manufactured products and are also commonly detected in environmental samples. Phthalates are also suspected EDCs. Of the six phthalates analyzed, only three phthalates were detected. Sediment quality values were available for bis(2-ethylhexyl)phthalate and di-n-octyl phthalate. TELs or PELs have not been developed for phthalates.

The FP STAT and FP CSL were both exceeded for bis(2-ethylhexyl)phthalate at 4 stations (Table 24). The largest ratios of 5.1 for FP STAT and 3.7 for FP CSL occurred at the WDFW Boat Launch with Below Woodin Creek ratios just slightly lower. Bis(2-ethylhexyl)phthalate was detected in the method blanks for all sample runs. Detected concentrations in samples were large enough for some stations that they were not flagged. However, a portion of the concentration in these samples can still be attributed to blank contamination. Therefore, the ratios that exceed 1.0 are very likely overestimates of the environmental concentrations.

Di-n-octyl phthalate was only detected at the 90$^{th}$ Street Bridge station in 2001. This concentration exceeded the FP STAT with a ratio of 1.5. The MDLs for this compound were increased, according to KCEL, in 2003 and may account for the fact it was not detected that

year. Overall, this detection does not signify any significant risk of adverse effects to aquatic life.

**Table 24. Comparison of detected phthalate maxima to sediment quality values**

| | Bis(2-Ethylhexyl)Phthalate | | | Di-N-Octyl Phthalate | | |
|---|---|---|---|---|---|---|
| **Station Location** | **Max Concentration** | **FP STAT Ratio** | **FP CSL Ratio** | **Max Concentration** | **FP STAT Ratio** | **FP CSL Ratio** |
| WDFW Boat Launch | 1178 | **5.1** | **3.7** | ND | -- | -- |
| Bothell Landing Park Bridge | ND | -- | -- | ND | -- | -- |
| Below Little Bear Creek | 417 | **1.8** | **1.3** | ND | -- | -- |
| Below Woodin Creek | 1093 | **4.8** | **3.4** | ND | -- | -- |
| 145th St. Bridge | 263 | **1.1** | 0.8 | ND | -- | -- |
| 124th St. Bridge | 731 | **3.2** | **2.3** | ND | -- | -- |
| 116th St. Bridge | ND | -- | -- | ND | -- | -- |
| 90th St. Bridge | ND | -- | -- | **38** | **1.5** | 0.85 |
| Below Bear Creek | ND | -- | -- | ND | -- | -- |
| Marymoor Park Bridge | ND | -- | -- | ND | -- | -- |

All units are µg/kg dry weight.
Ratios for sediment quality thresholds are presented only if there was an exceedance (>1.0).
ND = not detected above method detection limit
FP STAT = floating percentile based on statistical significance rules (Avocet and SAIC 2002, Avocet 2003)
FP CSL = floating percentile based on cleanup screening level (Avocet and SAIC 2002, Avocet 2003)

## Pesticides

Of the 34 pesticides analyzed, 4,4'-DDD was the only one detected in sediment samples. 4,4'-DDD is a breakdown product of the pesticide DDT that was banned after it was shown to bioaccumulate and cause various adverse effects, such as egg-shell thinning in various bird species. 4,4'-DDD was only detected in 2003 at the WDFW Boat Launch. This concentration did not exceed the TEL or PEL. No FP CSL or STAT has been developed for DDD. The TEL is the most conservative of the sediment thresholds. Therefore, no risk of adverse effects to aquatic life is expected from exposure to 4,4'-DDD in sediments.

## Other

Five other organic compounds were detected in sediment samples: benzoic acid, benzyl alcohol, carbazole, coprostanol, and phenol. Sediment thresholds are not available for these chemicals. However, most of them were only detected in one sample, and just above the MDL.

Therefore, these chemicals appear to be present at relatively low concentrations. However, benzoic acid was detected at every station at least once. Benzoic acid is a naturally occurring compound in plants and resins and is also used in a variety of manufacturing processes, such as resin production and as a preservative in its salt form. Where benzoic acid was detected in 2003, concentrations were lower than in 2001 and most 2003 samples did not have detectable concentrations. The apparent effects threshold (AET) for benzoic acid is 650 ug/kg. AETs were developed by the Washington State DOE and indicate the concentration above which effects are always observed. Comparing the maximum detected benzoic acid concentration of 298 ug/kg to the AET, some risk of adverse effects in aquatic life from benzoic acid in sediment may exist but it is likely to be minimal.

### 5.1.3 Summary

All of the measurements for conventional parameters in water samples, except bacteria, fell within existing thresholds, or appeared to be at concentrations that do not indicate risk of adverse effects to aquatic life. All three types of bacteria indicators measured exceeded human health water quality thresholds at multiple stations. However, exceedances were relatively small. Water from the discharge pipe at the Unnamed Tributary at 124$^{th}$ Street Bridge contained notably higher bacteria concentrations than any other station and this may be due to domestic or wild animal waste contamination; however, the exact source is unknown. Due to seasonal variation, more extensive bacteria monitoring would be required to characterize potential risk to human health.

The comparison of maximum chemical concentrations in water to water quality thresholds indicated that all metal and organic compound concentrations were below both acute and chronic thresholds for aquatic life.

Arsenic concentrations in water exceeded water quality thresholds for human health by a factor of about 10 at most stations. Arsenic concentrations increase with downstream location and tributary inputs may play a role. There is uncertainty surrounding the fraction of inorganic to organic arsenic in the measured concentrations. This suggests that the magnitude of the exceedance may be overestimated for predicting toxicity because the arsenic threshold is based on only the most toxic form – inorganic arsenic. In addition, arsenic is a natural element present in background concentrations. Regionally collected data indicate that the majority of the measured arsenic in River water samples likely reflects background conditions. It is recommended that arsenic concentrations continue to be monitored in water and opportunities to speciate arsenic in water samples be sought. If arsenic concentrations increase, or if it is determined that inorganic arsenic comprises the majority of measured arsenic, further investigation of possible sources in the River may be advisable.

Arsenic and nickel sediment concentrations are between the TEL and PEL, and therefore, within a range where the likelihood of adverse effects is uncertain. However, the measured arsenic concentrations appear to be within the range of background concentrations measured in local lakes and exceedance of the TEL is limited to 3 stations. Therefore, the risk of adverse effects to aquatic life appears low but given that arsenic concentrations measured in water exceeded human health thresholds as well, monitoring of sediment arsenic is recommended. Sediment nickel concentrations were consistent at each station and slightly exceeded only the TEL. There is evidence that these concentrations are reflective of background concentrations in natural Puget Sound soils, therefore, no action is necessary at this time. The SEM and AVS analytical results showed that at most stations, metals measured in sediment were bioavailable even after adjusting for organic-carbon content. However, sediment metals concentrations were

all below aquatic life thresholds except for arsenic and nickel as discussed above. Therefore, adverse effects to aquatic life from exposure to metals in sediments are not predicted.

Water concentrations of some PAHs exceeded human health thresholds, but all ratios were less than 2.0. Samples from the Unnamed Tributary at 124$^{th}$ St. Bridge contained the highest PAH concentrations which was unexpected. Although adverse effects to human health from PAHs in water are not probable at the measured concentrations, investigation of the flow path and contaminant sources of the detoured tributary water at 124$^{th}$ Street Bridge is recommended. Although bis(2-ethylhexyl)phthalate was detected in water samples from certain stations, these concentrations are concluded to be significantly inflated by laboratory contamination reflected in the method blank and no action is necessary.

Small exceedances of the TEL were observed for five PAHs at select stations. These PAHs were most elevated at the Below Woodin Creek station. However, the observed concentrations are not high enough to exceed the PEL or FP thresholds. Therefore, risk of adverse effects to aquatic life is considered low. Sediment PAH levels should continue to be monitored and Woodin Creek sediment concentrations should be explored as a possible PAH source to the River.

Although three phthalates were detected in the River sediments, no risk of adverse effects is predicted because concentrations were either lower than sediment quality thresholds, or blank contamination contributed significantly to elevated concentrations.

EDCs were detected at a number of locations throughout the River. Estradiol, ethynylestradiol, bisphenol A and total 4-nonylphenol were detected. In general, detected concentrations were low. However, the detected levels of total 4-nonylphenol, estradiol and ethynylestradiol compounds are above literature values observed to cause some effects to aquatic life. Additional data would be necessary to better understand the potential for adverse effects to occur from exposure to these compounds.

During the course of this study, approximately 300 chemicals including metals, pesticides, PCBs and other organics were analyzed in water quality samples. However, in the State of Washington alone, over 600 pesticide formulation are licensed for use, making it possible that additional chemicals may be present, but were not analyzed for. Additionally, pesticides are usually formulations of multiple compounds that contain surfactants and other chemical ingredients listed on the package as “inert” ingredients that can cause toxicity to non-target organism (i.e., Diamond and Durkin 1997).

Additionally, the so-called inert ingredients in pesticide formulation are considered “trade secrets” by pesticide manufacturers and as such are not easily analyzed in environmental samples. However, even if the specific inert chemicals are known, many are difficult to analyze and are unlikely to have established analytical methods that make it possible to test for these chemicals in surface waters. This condition is similar for many other chemicals including surfactants in detergents, detergent gasoline and many common household and personal care products.

Lastly, the chemical effects analysis for this study could not take into account chemical mixtures. Several pesticides and other chemicals and metals are commonly found in a single surface water sample. However, there are no established methods for assessing effects levels in samples where more than one chemical is present. This is a field of study that is getting

some attention, but further study is needed to determine the effects of mixtures of chemicals commonly present in surface waters.

## 5.2 MACROINVERTEBRATE COMMUNITY ANALYSIS

The following provides an overview of the results of the metric calculations used to evaluate the general condition of the benthic community in the River. Multiple metrics and a general interpretation of the taxonomic results were used to assess the data. As previously indicated, a reference site was not identified and there are no available historical data for comparison. As such, the metrics are interpreted using best professional judgment and based on knowledge of historical and current conditions in the River (King County 2002a).

A key element in understanding the historic and existing ecological potential of the river and providing an interpretation of the benthic community data is the fact that the River has been significantly altered (a detailed description can be found in King County 2002a). The river channel was deepened and widened, most recently in the 1960s, which reduced the frequency of overbank flow, lowered the groundwater table and disconnected off-channel habitat (King County 2002a). The effects of channelization can be detrimental to physical habitat in urban streams, often increasing in-channel incision, bank erosion and sedimentation, while reducing substrate and channel diversity, instream habitat and riparian vegetation (Davis et al. 2003). Hydrological processes in channelized streams have direct effects on the substrate (embeddedness, scour and particle size distribution) (Gibson et. al. 1996).

A relatively recent survey of the aquatic habitat indicated that the River is comprised of 98% glide habitat and velocity typically averages 0.5 feet per second in this glide dominated system. (Jeanes and Hilgert 1999). Jeans and Hilgert (1999) also observed that the dominant substrate was silt and clay; typically, reaches were dominated by 70-90% silt and clay, but were mixed with 10-30% sand and large gravel or all sizes of cobble. It is also important to understand that the River has always been a low gradient slow moving stream; conditions that would have a significant impact on the ecological potential of the benthic community. Historically, however, the corridor contained very dense forest and shrub vegetation within its floodplain and riparian area, which would have provided shade and some measure of cooling, in addition to preventing additional heating. In addition, there were likely additional groundwater flows that would have provided additional cooling that current conditions do not provide. Increasing water withdrawals in the watershed over the last few years have decreased base flow in the river (King County 2002a), likely exacerbating both the direct and indirect effects of temperature-related stress.

Invertebrate communities present in riffle and pool habitats are typically different. However, samples are more frequently collected from riffle habitats, as many sampling programs (e.g., BIBI, EPA's rapid- bioassessment method) require collection of samples from this type of habitat. However, given the 98% glide habitat in the River, sample collection from riffle areas was not possible; samples were generally collected in pool areas. Black and MacCoy (2000) statistically compared metrics calculated for pool and riffle habitats in the Cedar River (WA) and found that in general, metric values for pools were lower than those for riffles. Of the 15 metrics evaluated, 6 scores were significantly higher in riffle samples: total abundance, percent tolerant, taxa richness, Ephemeroptera, Tricoptera taxa and clinger taxa. Only one of these metrics, taxa richness, was used in this assessment.

When interpreting the benthic macroinvertebrate data presented here, it is important to keep in mind historical conditions and anthropogenic alterations, in addition to sampling methodologies

and how they may influence the metrics. The following provides an overview of the results for each of the individual metrics, followed by an interpretive discussion of the combined results.

### 5.2.1 Community Composition

An assessment of community composition provides a general, non-numerical, overview of the types of organisms present at the study site. It provides a general assessment of the diversity and types of organisms that comprise the community. This information can be used with the more specific metrics to better understand the health of the benthic community.

In general, the overall benthic community composition in the River is limited (Figures 2 and 3). The composition throughout the length of the River varies, but is primarily dominated by a limited number of groups and families. Diptera (fly larvae) and Oligochaeta (aquatic worms) are generally the most common orders present in the River. Within the order Diptera, Chironimidae are by far the most common, typically representing more than 95% of all Dipterans in the River; they are considered moderate to very pollution tolerant organisms. Diptera tend to persist in aquatic communities experiencing stress, and have been used by Ohio EPA to indicate degraded stream conditions (DeShon 1995).

No Plecoptera (stoneflies) were identified in any samples in either year. Plecoptera are typically found in cool-cold well oxygenated running waters. They are typically associated with riffles and rocky habitats; habitat not available in the River. Plecoptera are generally considered indicators of “good water quality,” and their absence is often used to indicate poor water quality conditions. However, based on the existing and historical habitat found in the River, (e.g., slow moving, relatively warm water, depositional stream bed, etc.) they would not be expected to be present in large numbers.

The proportion of Ephemeroptera (mayfly nymphs) present in samples was variable across stations; they were present at higher densities in 2003 compared to 2001. In 2003, they comprised more than 50% of the organisms below the mouth of Bear Creek, however, in 2001, they only accounted for about 6% of the organisms. In 2003 the Ephemeroptera were dominated by *Tricorythodes,* a genus common in streams with slow currents and one of the more pollution tolerant mayflies (Hafele and Hinton 2003). The mayfly genus *Baetis* was present in both 2001 and 2003, although in relatively low numbers. This genus is also one of the more pollution tolerant mayflies.

In 2001, Odonata (dragonfly nymphs), were relatively rare and made up less than 2% of the sample composition at only a few stations. The two Odonata identified are common to lentic or slow water habitats and are considered moderately tolerant to temperature and nutrient enrichment.

Tricopterans (caddisfly larvae), also made up a very small fraction of the community. Hydropsychidae, a suborder of Tricoptera, typically very common in a variety of habitats, were rarely observed in River samples. Hydropsychids are collector-filterers and are often common at the interface of lakes and streams; thus, they would be expected to be commonly observed in the upper and lower reaches of the River. Most of the caddisfly larvae present in the River were generally classified as pollution tolerant or moderately tolerant.

In general, evaluation of the community composition suggests diversity is limited, and the community is dominated by tolerant to moderately tolerant organisms. There was variability in the overall composition between 2001 and 2003; however, the differences are likely related to

the inherent natural variability associated with benthic communities. The organisms that make up the community tend to reflect the River's available habitat; relatively warm, slow moving water and a depositional environment. The limited diversity represent throughout the River is likely a reflection of the available substrate; however this does not necessarily account for the dominance of tolerant and moderately tolerant organisms. Higher density and diversity have been reported in cobble and pebble substrates; while sand and silt dominated substrate tend to have lower densities and diversity (Kaller and Hartman 2004). Co-located grain size data for the River indicate that the substrate at most locations was dominated by sand (see Table 19 above). While substrate can influence the general type of organism present in a water body, the dominance of tolerant and moderately tolerant organisms indicated here is likely a result of the various stressors impacting the River (e.g., elevated temperatures, low DO, lack of riparian area). A number of the organisms present were those known to be tolerant to low DO and elevated temperature.

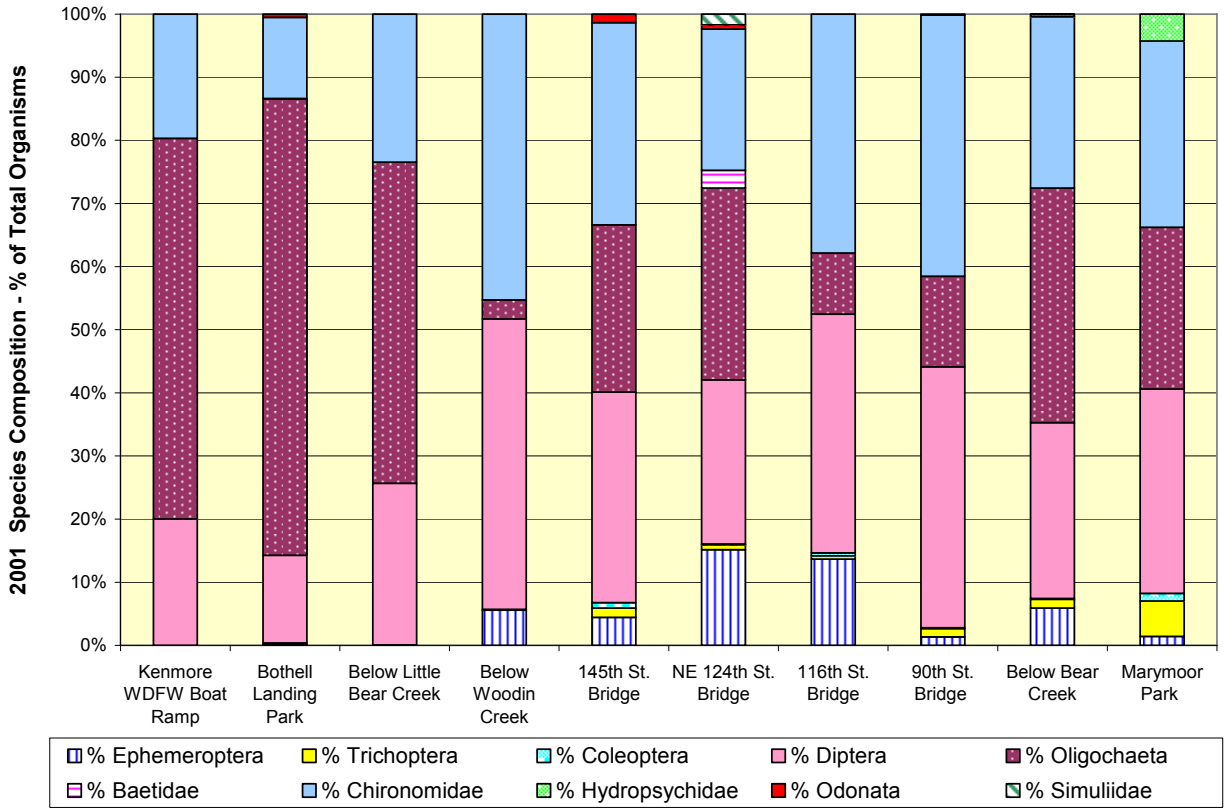



Figure 2. Species composition of benthic community in 2001.

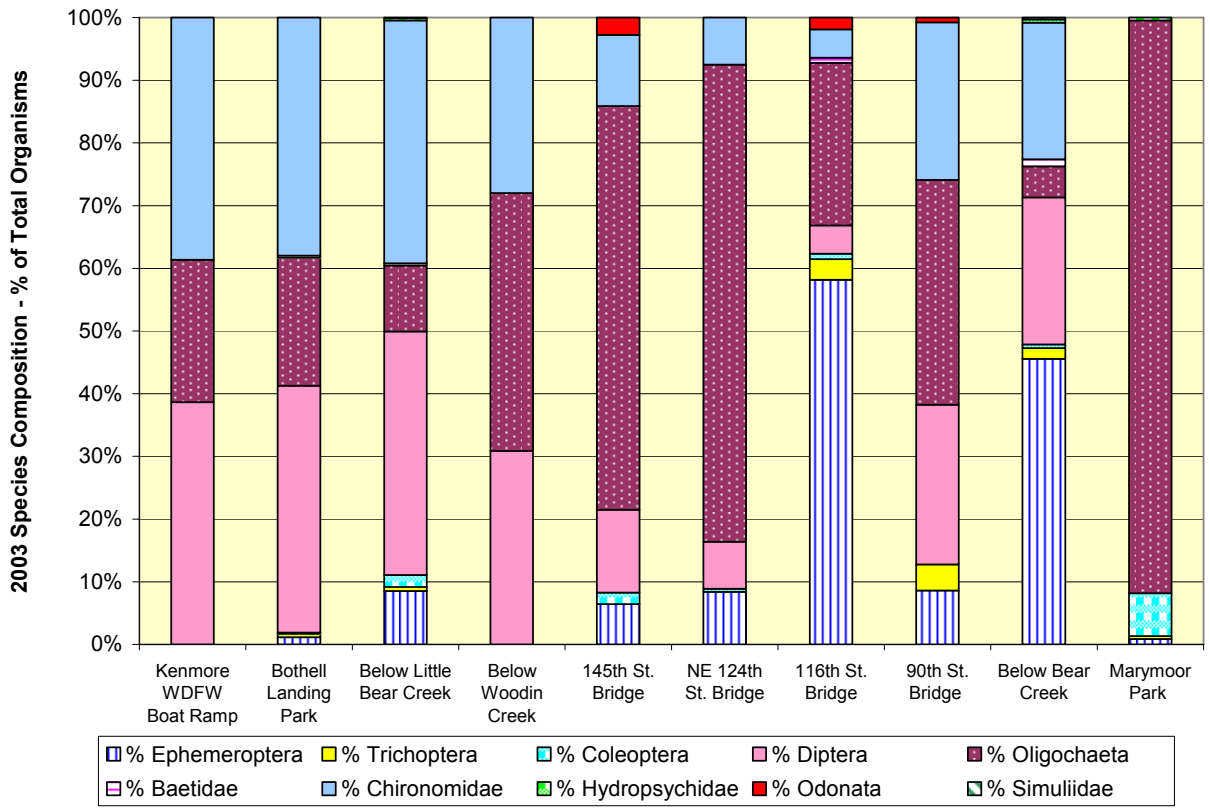



Figure 3. Species Composition of benthic community in 2003.

### 5.2.2 Functional Feeding Groups

Stream morphology, current velocity, substrate composition, temperature and allochthonous and autochthonous food sources all interact to influence food availability to invertebrates, and these interactions vary systematically with stream order, thereby regulating distribution patterns of functional feeding groups (Vannote et al. 1980, Petts and Calow 1996b). These feeding groups are referred to as the scrapers, collector-filterers, collector-gatherers, predators and shredders. The presence and abundance of the various functional groups, and the dominance of obligate or facultative representatives, is a direct reflection of the availability of the required food resource (e.g., water quality, habitat) (Petts and Calow 1996b). Percent composition of functional groups is indicative of trophic processes and has gained attention for the ability to convey important ecological information about a community (Maul et al. 2004).

The types and distribution of organisms represented by the different functional feeding groups in the River are presented in Figures 4 and 5. In general, the distribution and type of feeding groups present in 2001 were similar throughout the length of the River; all sites were dominated by gatherers (>60%), and to a lesser extent by filterers. Predators were most prevalent (~20%) at the Marymoor Park station. In 2003, the distribution and type of functional groups were more diverse and filterers made up a greater proportion of the community than in 2001. This was especially true at the Kenmore WDFW Boat Ramp and 90$^{th}$ Street Bridge stations where filterers made up more than 50% of the community. Scrapers were also more common in 2003,

and made up at least 10% of the community at four stations (Below Woodin Creek, 116th Bridge, 90th Street Bridge and Marymoor Park). A number of sites were still dominated by gatherers; 7 of 10 locations were comprised of at least 50% gatherers.

Filterers and gatherers are most common in higher order streams or those with limited allochthonous input from the riparian zone (Thorp and Covich 1991). Based on its location between two relatively large lakes it is difficult to apply a specific stream order to the River, however, the significant channelization and lack of riparian vegetation would support a limited input of allochthonous material. The lack of shredders is likely a reflection of the limited terrestrial litter being deposited in the River due to lack of riparian vegetation.

Scrapers are typically common when periphyton is abundant. However, the physical characteristics and prevalent substrate in the River limit the available habitat for significant periphyton production. Filamentous algae, which are common in the River in late summer, can also interfere with feeding by scrapers and limit their abundance. Examples of scrapers include some species of Ephemeroptera and Tricoptera. Based on the current and historical conditions in the River, it is not unexpected that scrapers are limited in the River.

Shredders made up a very small proportion of the community at all locations, the greatest numbers (~1.5%) were found at the Marymoor Park station. This is likely the result of the input of course particulate organic matter (CPOM) from the upstream riparian area where willow and other small shrubs trees are present. This is one of the few reaches in the River that has relatively intact riparian habitat. Shredders are particularly sensitive to riparian zone influences and land use (Lillie et al. 2003). Barbour et al. (1996) found that percent shredders decrease with increasing perturbations. The lack of allochthonous input of leaves and associated microbial colonizers due to lack of wooded areas adjacent to and upstream from a stream will be reflected in decreased prevalence of shredders (Lillie et al. 2003).

Based on the physical and hydrological characteristics of the River, especially near the confluence with the two lakes, it would be expected that gatherers would be common in the River as they generally prefer slow moving and depositional streams where flow does not have a significant impact on their ability to acquire food.

Gatherers were one of the most dominant feeding groups at all locations. Although expected to dominate at the locations nearest the lakes (Kenmore WDFW Boat Ramp and Marymoor Park Bridge) it is not expected they would be the dominant feeding group throughout the entire River. Kearns et al. (1992) suggest the dominance of gatherers increases with increasing anthropogenic stress. Barbour et al. (1996) suggests that gatherers may dominate under conditions of organic enrichment, but they can be severely reduced if the stressor is a toxicant. Barbour et al's (1996) finding supports the information presented here, where contaminant levels are generally very low; but other indicators (elevated OP, decreased DO) suggest organic enrichment may be a stressor.

The dominance of filterers and gatherers, and the limited presence of predators and shredders in the River suggest a stressed community. The distribution of functional feeding groups present in the River is likely the result of physical habitat (e.g., lack of riparian vegetation, instream substrate conditions, etc.) and to a lesser extent of water and sediment quality (e.g., temperature, organic enrichment).

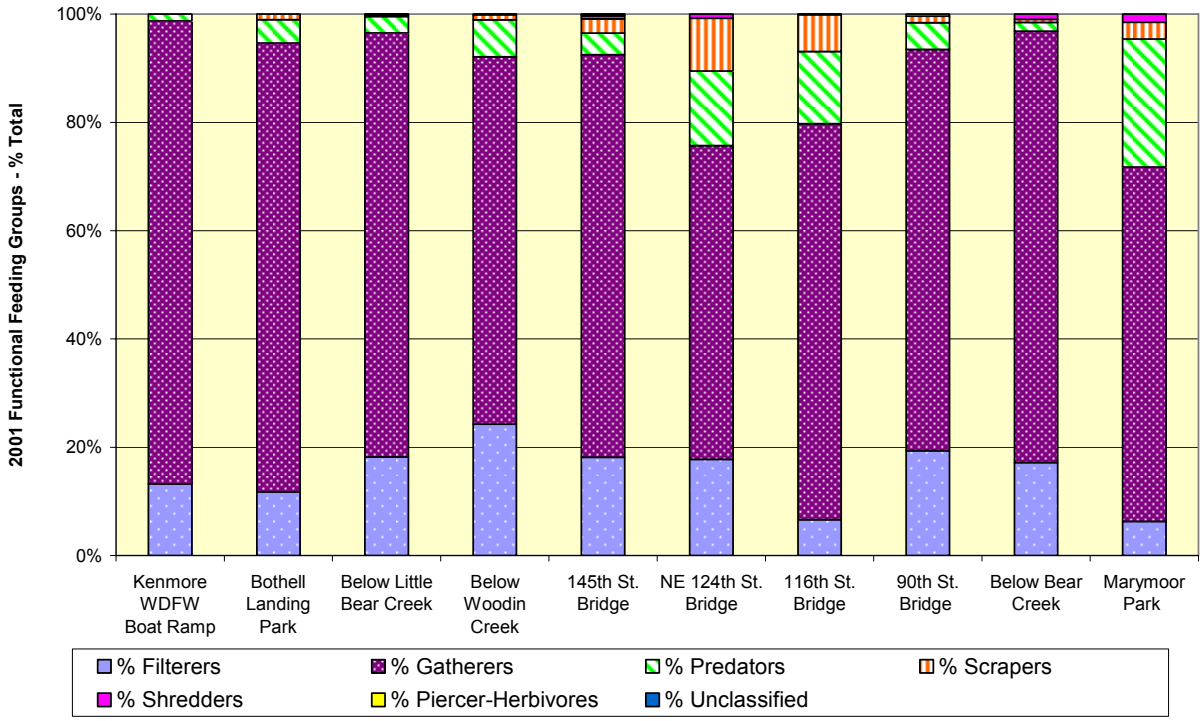



Figure 4. Functional feeding groups for benthic community in 2001.

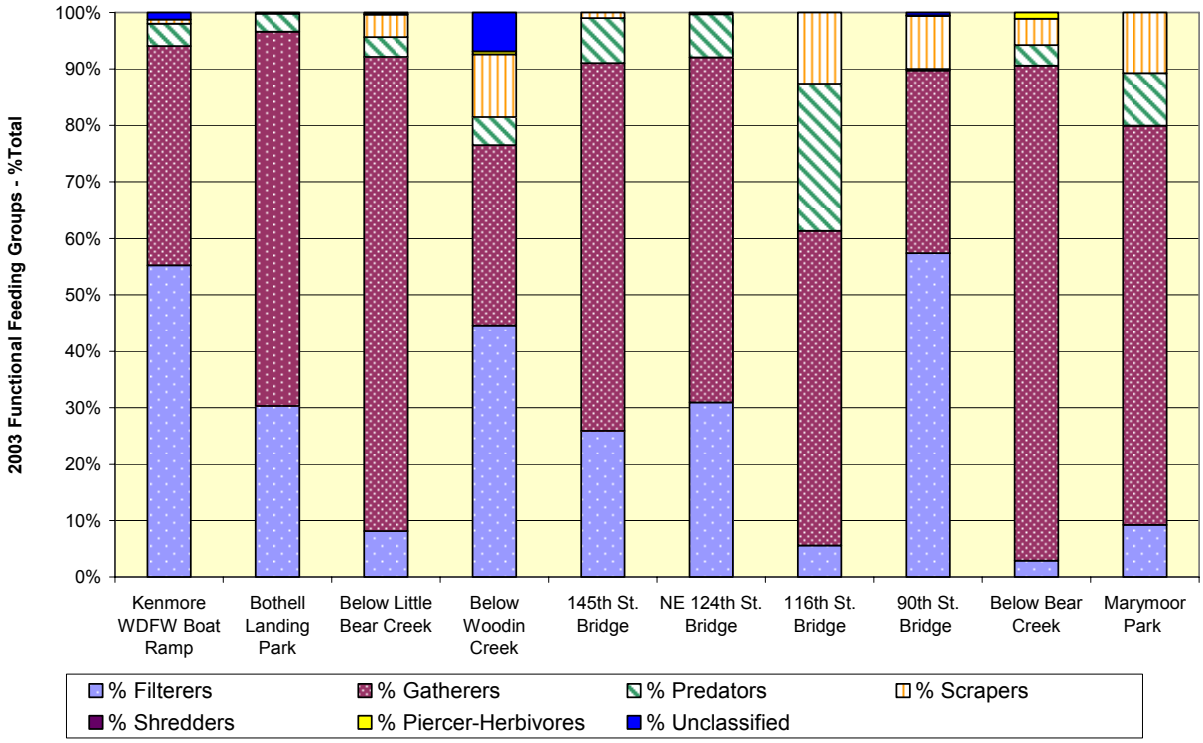



Figure 5. Functional feeding groups for benthic community in 2001.

### 5.2.3 Diversity

Diversity was evaluated using the Shannon-Wiener Diversity index (H'). Diversity was somewhat variable over the two sampling events (Figure 6). In 2001, H' ranged from 1.0 to 2.0, and 1.3 to 2.1 in 2003. H' values ranging between 1.0 and 3.0 are considered to be "moderately polluted," values below 1 are "substantially polluted," and values above 3 are considered "clean" (Washington 1984). When used in the context of H', the term "polluted" generally refers to a variety of stressors such as elevated temperature, low DO and factors associated with organic enrichment; lack of habitat can also influence H'. While low H' values can result from chemical stress, the relationships are less developed. Based on this classification, all River sites would be considered "moderately polluted." There was no obvious trend in the H' values identified.

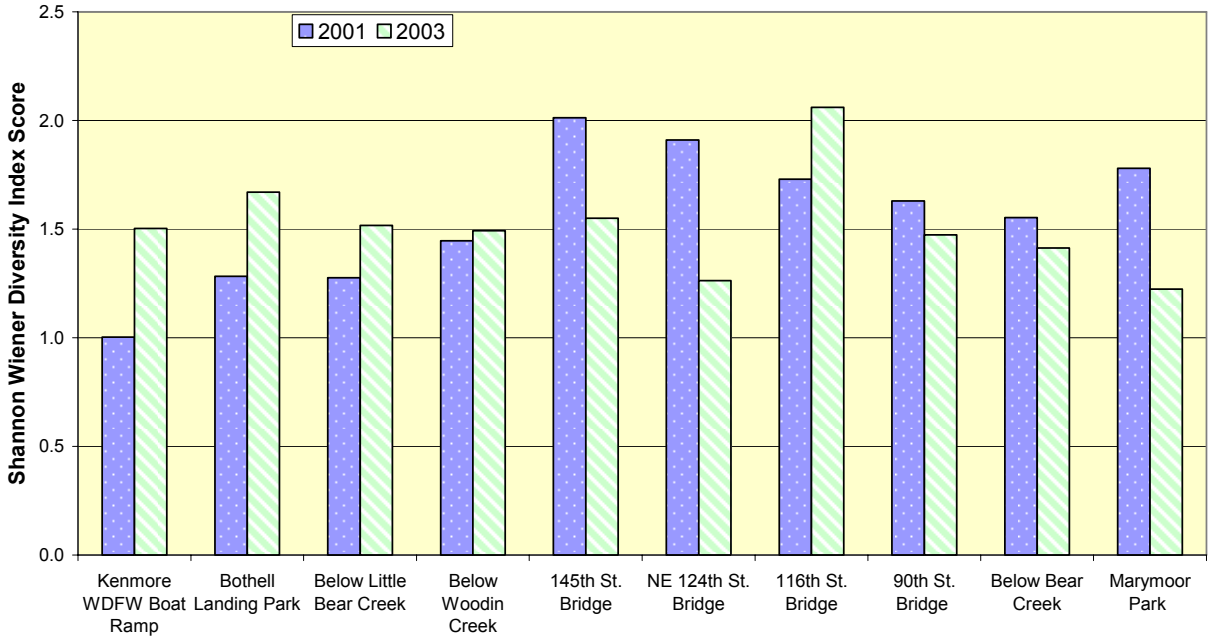



Figure 6. Diversity of benthic community in 2001 and 2003.

### 5.2.4 Dominant Taxa

The percent of the total abundance of organisms represented by the three most dominant taxa at each station was generally high (> 60%) at all locations for both 2001 and 2003 (Figures 7 and 8). In 2003, the three dominant taxa made up 80% or greater of the community at 7 of 10 stations. In 2001, the 3 dominant taxa made up 80% or greater at 4 of 10 stations, and between 60 and 80% at the remaining 6 locations. Evaluation of the dominance data for the most prevalent taxa indicates that one taxon makes up 50% or more of 7 of 10 locations in 2003 and 4 of 10 locations in 2001. A healthy and stable community should contain a diverse group of organism with few dominant taxa. The percentage of a dominant organism generally increases with increasing perturbation (Barbour et al. 1996).

In 2001, Oligochaeta (aquatic worms), Chironomidae (midge), and Sphaeriidae (fingernail clam) were the dominant species at most stations, particularly those at the lower end of the River. At the upper end of the River, Acari (water mites), *Tricorythodes minutus* (mayfly), *Hyalella azteca* (amphipod), Planorbidae (snail), Cheumatopsyche spp. (Hydropsychid caddisfly), Prostoma sp. (ribbon worm), Ostracoda (Crustacea) and *Diphetor hageni* (Baetis mayfly), were also represented as the 1$^{st}$, 2$^{nd}$, or 3$^{rd}$ most dominant species. In 2003, the dominant taxa were represented by a somewhat larger number of taxa types, and in addition to Oligochaeta, Chironomidae, and Sphaeriidae which were dominant in 2001, Gyraulus spp. (Planorbidae snail), Corbicula spp. (Asiatic clam), Ostracoda, Brychius spp. (water beetle larvae), Crangonyx

spp. (amphipod), Acari, Physidae (snail), Nematoda (round worm), and *Helobdella stagnalis* (leech) were also dominant at some stations. The majority of the dominant organisms are considered pollution tolerant. Plafkin et al. (1989) found that dominance metrics are not particularly sensitive to moderate amounts of organic or toxic loadings, and impairment (or lack of impairment) response is most evident at extremes.

No obvious trends in dominant taxa are evident from these data. These results indicate that the numbers of taxa that comprise the River's benthic community structure are very limited; suggesting that the benthic community is stressed. The specific cause of this observed stress cannot be discerned from the available data; although it is likely a combination of factors including water quality and available physical habitat.

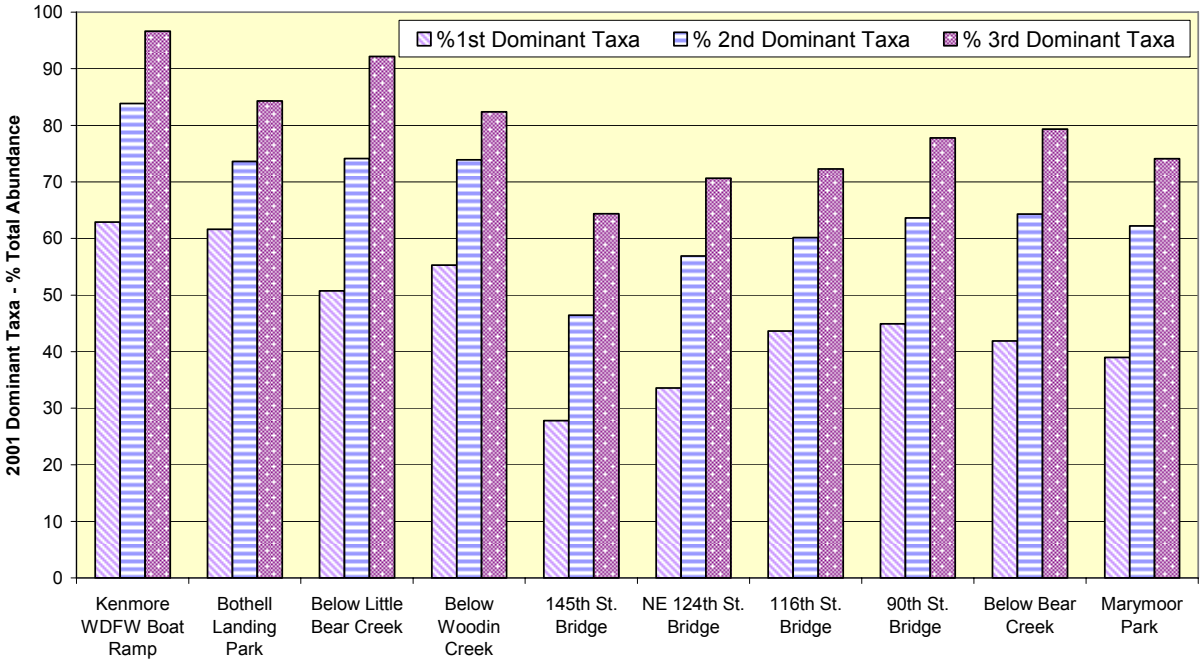



Figure 7. Dominant taxa in 2001 benthic community.

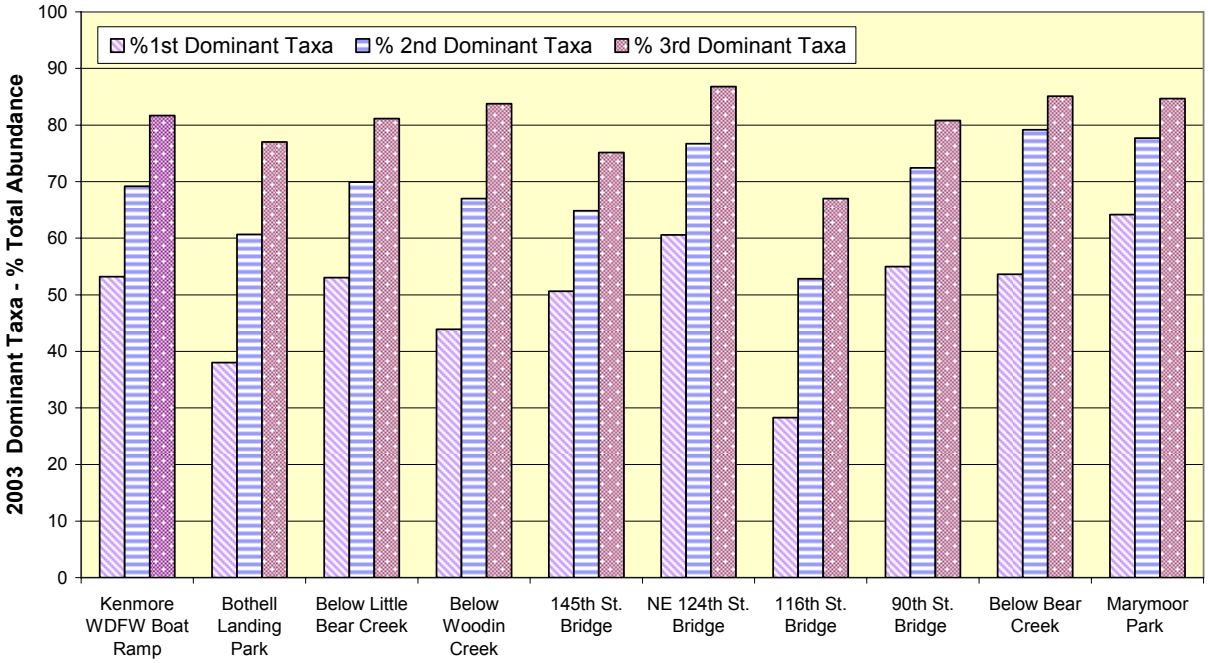



Figure 8. Dominant taxa in 2003 benthic community.

### 5.2.5 HBI

In general, HBI scores across location and during both sampling events were relatively similar (Figure 9). Scores ranged from 5 to 7.5. With the exception of the site below Bear Creek, all scores were between 6 and 7.5. Scores in this range are classified as “Fair” to “Fairly Poor” with “Fairly Significant Organic Pollution” to “Significant Organic Pollution” (Petts and Calow 1996b; Lillie et al. 2003). It is not unexpected that the site below Bear Creek would have the lowest (best) value; this area includes one of the few riffles in the River. Bear Creek also provides an input of cooler water at this location. A combination of these factors is likely the cause of the slightly lower score in this area. The HBI scores reflected by the River suggest a somewhat stressed environment, and indicate that organic enrichment (or the impacts typically associated with it such as low DO) is likely a significant factor contributing to the community structure in the River. This is supported by the relatively elevated OP levels and low DO conditions measured in the River. The elevated temperature regime experienced throughout much of the river also likely contributes to the HBI scores. As previously indicated, the HBI is intended to detect organic enrichment and associated low DO levels. While the OP levels are somewhat elevated (above recommended EPA ecoregion guidelines), they are not necessarily high enough to be the primary cause of the poor HBI scores. Although elevated temperature is not specific to organic enrichment, it does have a significant impact on DO. Depressed DO levels are strongly associated with organic enrichment and it appears that in this situation, the

HBI is likely responding to the low DO conditions caused by the elevated temperatures in the River.

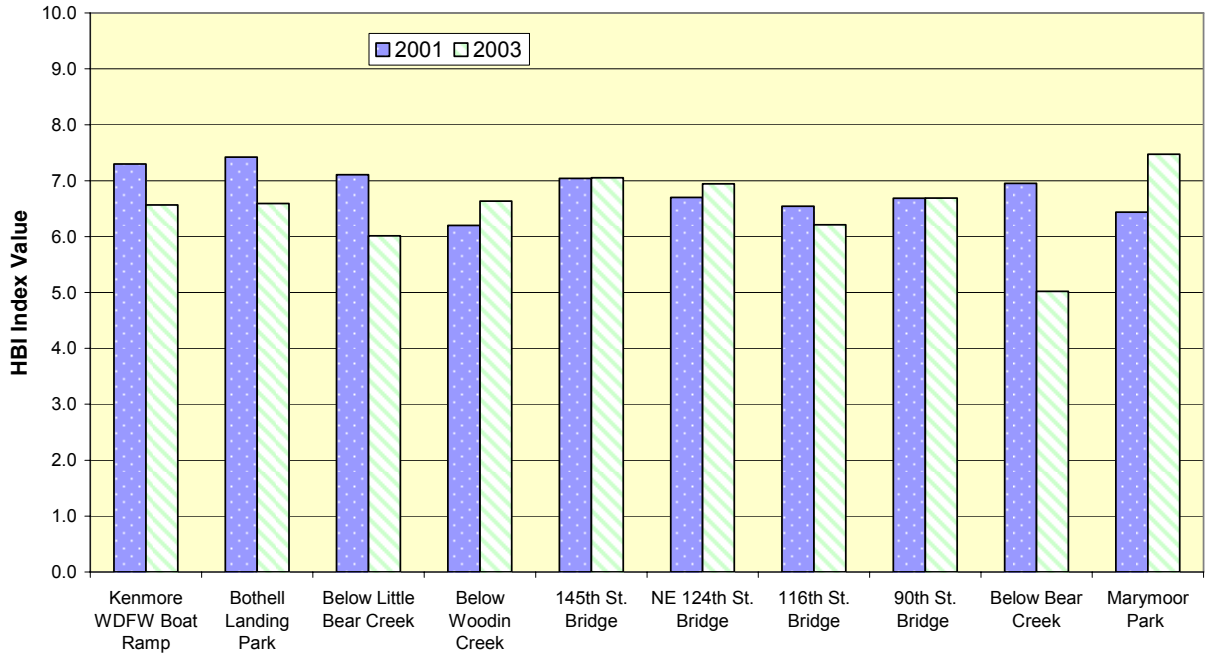



Figure 9. HBI Results for 2001 and 2003.

### 5.2.6 Taxa Richness

Taxa richness was low and somewhat variable at all locations and between sampling years. In 2001, richness ranged from 5 to 17, and in 2003 from 8 to 17 (Figure 10). Reduced species richness is a general indication of ecosystem distress. As indicated above, taxa richness scores may naturally be lower in pool habitat than in riffle habitat. Collection of samples from pool areas may have resulted in overall lower scores for this metric. However, even taking this sampling difference into account, there are still a number of sites with relatively low richness scores, suggesting that other stressors may be having an adverse impact on community richness. The type of stressor cannot be determined from the available information; but are likely a combination of water quality conditions and available habitat.

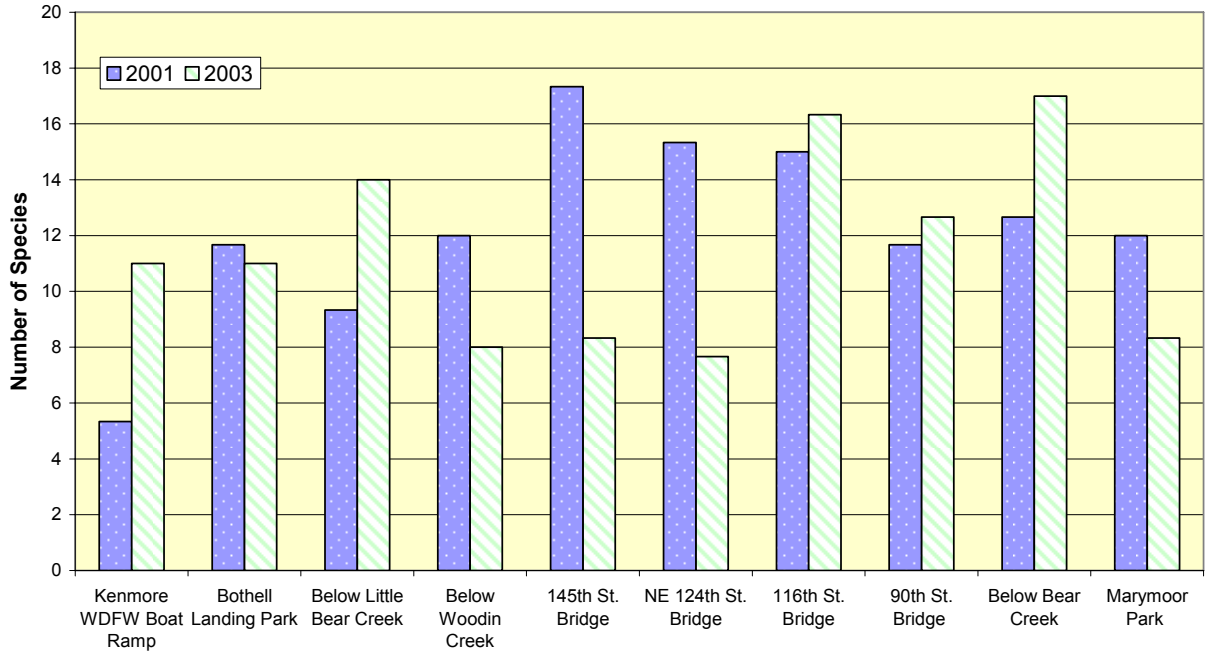



Figure 10. Species richness for benthic community in 2001 and 2003.

### 5.2.7 Summary

In general, the benthic invertebrate community in the Sammamish River is relatively stressed and impaired. The conclusions presented here are based on best professional judgment and knowledge of the current and historic ecological conditions in the River.

The benthic community is dominated by organisms typically classified as “tolerant” or “pollution tolerant”. Few, if any species considered “intolerant” were identified. Overall species diversity in the River is low and the number of taxa represented is very limited. Although the natural hydrologic and physical characteristics of the River would tend to limit its ability to support organism characteristic of other regional rivers, such as the upper reaches of the Green or Cedar Rivers (Black and MacCoy 2000), the results of the benthic community assessment indicate that water quality, and habitat quality and availability are likely also having an adverse impact on the River’s benthic community. The relatively low diversity may be influenced by the naturally limited riffle area and low gradient of the River; however, these factors would not likely cause the dominance of tolerant organisms in the community.

Based on the assessment of chemical contaminants described above, it does not appear that the metals or organic compounds detected in both sediment and water are having a significant impact on the benthic community. Although most contaminants evaluated here did not exceed their respective thresholds; the assessment did not take into account the additivity or synergistic

effects of detected compounds, and thus, there is some uncertainty regarding the impact associated with chemical contaminants. There is also some uncertainty regarding the potential impact of the EDCs detected at some locations; and the fact that EDCs were not analyzed in sediment. The results of the toxicity tests conducted in 2001 also indicate that some contaminants may be causing limited toxicity at select locations in the River. However, overall, it is likely that from a water quality perspective, elevated temperature and associated low DO conditions may have the greatest impact on the benthic community.

The stressed condition of the benthic community is likely the result of a variety of factors – both physical and chemical. The metrics and indices described above suggest that water and sediment quality (physical and chemical), habitat quantity and quality, lack of riparian vegetation, and natural and altered hydrologic characteristics associated with gradient and its location between 2 large lakes all contribute to the overall quality of the benthic community. Because there are multiple physical, chemical and biological factors, both natural and anthropogenic, that appear to be influencing the benthic community, it is unlikely that any single improvement would significantly enhance the overall condition of the benthic community.

## 5.3 TOXICITY TESTS

The results of the toxicity tests conducted by KCEL as part of the Small Streams Toxicity Study are summarized in this section and presented in Table 25.

### 5.3.1 *Ceriodaphnia dubia* – 7-day Survival and Reproduction

Reproduction and adult survival were monitored during the 7-day chronic toxicity tests with *Ceriodaphnia dubia*. Reproduction was measured as mean number of neonates per adult across 10 replicates and was compared for statistical significance to reproduction in the reference sample from Rock Creek. A lab control was also included, but performed poorly and therefore was not used in data analysis.

Adult survival was at 90% or greater for all samples. The mean number of neonates per adult was comparable between samples and reference except in the Unnamed Tributary at 124$^{th}$ Street sample where reproduction was significantly decreased.

### 5.3.2 *Selenastrum capricornutum* – 96-hour Growth Test

Growth of *Selenastrum capriconutum* was measured as number of cells per milliliter after 96 hours in unfiltered and filtered samples. The unfiltered reference sample from Rock Creek experienced low growth therefore could not be used for comparison. The reason for poor performance in the reference sample is uncertain. Unfiltered sample results were compared to the filtered sample because growth for this reference was comparable to growth in unfiltered and filtered samples. For unfiltered samples, only the Bothell Landing Park sample exhibited significantly reduced growth. No growth effects were observed in the filtered samples.

### 5.3.3 *Lemna minor* – 7-day Growth Test

Growth of *Lemna minor* was measured as dry weight after 7 days in unfiltered samples. Significantly reduced growth was observed in samples from the Unnamed Tributary at 145$^{th}$ Street Bridge and Marymoor Park Bridge stations.

**Table 25. Acute and chronic toxicity test results for Sammamish River water.**

| Station | Filtered? | *C. dubia* 7-day Reproduction (# neonates/adult) | *S. capricornutum* 96-hour Cell Count (cells/mL x $10^4$) | *L. minor* 7-day Growth (Dry Weight, mg) |
|---|---|---|---|---|
| **Rock Creek (Reference)** | No | 29.7 | 141.6 [1] | 32.23 |
| Bothell Landing | No | 29.4 | 238.8 [1] | 32.37 |
| 145th Street Bridge | No | 28.7 | 359.2 | 32.55 |
| Unnamed Tributary at 145th Street Bridge | No | 29.3 | 417.9 | 27.40 [2] |
| 124th Street Bridge | No | 27.1 | 338.6 | 31.46 |
| Unnamed Tributary at 124th Street Bridge | No | 22.6 [2] | 345.7 | 30.87 |
| Marymoor Park Bridge | No | 30.0 | 350.1 | 24.91 [2] |
| **Rock Creek (Reference)** | Yes | -- | 323.6 | -- |
| Bothell Landing | Yes | -- | 324.8 | -- |
| 145th Street Bridge | Yes | -- | 336.8 | -- |
| Unnamed Tributary at 145th Street | Yes | -- | 379.4 | -- |
| 124th Street Bridge | Yes | -- | 335.6 | -- |
| Unnamed Tributary at 124th Street Bridge | Yes | -- | 325.8 | -- |
| Marymoor Park Bridge | Yes | -- | 331.3 | -- |

-- Toxicity test not conducted

[1] Significantly less than Rock Creek unfiltered sample ($p<0.05$; 1 tailed t-test)

[2] Significantly less than Rock Creek filtered sample ($p<0.05$; 1 tailed t-test)

# 6.0 CONCLUSION AND RECOMMENDATIONS

All of the measurements for conventional parameters in water samples, except bacteria, fell within existing thresholds or appeared to be at concentrations that do not indicate risk of adverse effects to aquatic life. Due to seasonal variation, more extensive bacteria monitoring would be required to characterize potential risk to human health.

Arsenic concentrations in water exceeded water quality thresholds for human health. It is recommended that arsenic concentrations continue to be monitored in water and opportunities

to speciate arsenic in water samples be sought. If arsenic concentrations increase or if it is determined that inorganic arsenic comprises the majority of measured arsenic, further investigation of possible sources in the River may be advisable.

Arsenic and nickel sediment concentrations are between the TEL and PEL, however, the risk of adverse effects to aquatic life appears low. Given that arsenic concentrations measured in water exceeded human health thresholds as well, monitoring of sediment arsenic is recommended. There is evidence that these concentrations are reflective of background concentrations in natural Puget Sound soils, therefore, no action is necessary at this time.

Water concentrations of some PAHs exceeded human health thresholds but all ratios were less than 2.0. Although adverse effects to human health from PAHs in water are not probable at the measured concentrations, investigation of the flow path and contaminant sources of the detoured tributary water at 124$^{th}$ Street Bridge is recommended.

Small exceedances of the TEL were observed for five PAHs at select stations. However, the observed concentrations are not high enough to exceed the PEL or FP thresholds. Therefore, risk of adverse effects to aquatic life is considered low. Sediment PAH levels should continue to be monitored and Woodin Creek sediment concentrations should be explored as a possible PAH source to the River.

Although three phthalates were detected in the River sediments, no risk of adverse effects is predicted because concentrations were either lower than sediment quality thresholds, or blank contamination contributed to elevated concentrations.

EDCs were detected at a number of locations throughout the River: Estradiol, ethynylestradiol, bisphenol A and total 4-nonylphenol. In general, detected concentrations were low. However, the detected levels of both compounds are above literature values observed to cause some effects to aquatic life. Additional data would be necessary to better understand the potential for adverse effects to occur from exposure to these compounds.

Toxicity was observed in water quality bioassays at four of the six stations tested. However, out of 24 individual toxicity tests conducted using three test species, toxicity was observed in only four tests. The comparison of chemical results to the bioassay results reveals that no measured chemical concentrations exceeded threshold levels in samples where toxicity was observed. Possible explanations for these confounding results include the possible presence of chemicals that were not analyzed, the synergistic effects of multiple chemicals that are present but are at concentrations below threshold effects levels, and the natural variability inherent in biological testing.

Due to the natural ecological limitations (e.g., low gradient, warm inflow of lake water, location between two large lakes etc.) the River is not expected to support the level of diversity and ecological complexity that some local rivers and streams exhibit. Taking these factors into account, evaluation of the macroinvertebrate data indicates that the community throughout the River is stressed. Diversity is very low and the community is dominated by a small number of pollution tolerant organisms; especially those tolerant of elevated temperature and decreased DO. This observed stress is likely the result of a variety of physical, chemical (primarily conventional parameters) and biological factors including water quality, limited available habitat and lack of riparian vegetation.

Overall, no contaminants were measured at concentrations that indicate significant adverse effects would be predicted with high probability and very few contaminants were measured at concentrations that generate concern for possible risk of adverse effects. Continued monitoring of arsenic, nickel and PAHs is recommended to characterize temporal changes and monitor for increasing concentrations. Samples collected at the Unnamed Tributary at 124$^{th}$ Street Bridge caused reproductive toxicity to *C. dubia* in toxicity tests. Also, water samples from this location had the highest concentrations of some contaminants, such as PAHs, indicating that additional sources of contamination may exist somewhere along the tributary, or that this tributary is impacted by unique sources upstream. Investigation of this discharge water and its sources is recommended.

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# Appendix A

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0450 | 9/5/2001 | L21953-2 | 1,2,4-Trichlorobenzene | | ug/L | <MDL,G | 0.0048 | 0.00956 |
| 0450 | 9/5/2001 | L21953-2 | 1,2-Dichlorobenzene | | ug/L | <MDL,G | 0.0048 | 0.00956 |
| 0450 | 9/5/2001 | L21953-2 | 1,2-Diphenylhydrazine | | ug/L | <MDL | 0.18 | 0.361 |
| 0450 | 9/5/2001 | L21953-2 | 1,3-Dichlorobenzene | | ug/L | <MDL,G | 0.0048 | 0.00956 |
| 0450 | 9/5/2001 | L21953-2 | 1,4-Dichlorobenzene | | ug/L | <MDL,G | 0.0024 | 0.00476 |
| 0450 | 9/5/2001 | L21953-2 | 2,4,5-T | | ug/L | <MDL | 0.057 | 0.16 |
| 0450 | 9/5/2001 | L21953-2 | 2,4,5-TP (Silvex) | | ug/L | <MDL | 0.023 | 0.08 |
| 0450 | 9/5/2001 | L21953-2 | 2,4,5-Trichlorophenol | | ug/L | <MDL | 0.22 | 0.433 |
| 0450 | 9/5/2001 | L21953-2 | 2,4,6-Trichlorophenol | | ug/L | <MDL | 0.23 | 0.469 |
| 0450 | 9/5/2001 | L21953-2 | 2,4-D | 0.064 | ug/L | <RDL | 0.03 | 0.08 |
| 0450 | 9/5/2001 | L21953-2 | 2,4-DB | | ug/L | <MDL | 0.058 | 0.16 |
| 0450 | 9/5/2001 | L21953-2 | 2,4-Dichlorophenol | | ug/L | <MDL | 0.29 | 0.577 |
| 0450 | 9/5/2001 | L21953-2 | 2,4-Dimethylphenol | | ug/L | <MDL,G | 0.13 | 0.252 |
| 0450 | 9/5/2001 | L21953-2 | 2,4-Dinitrophenol | | ug/L | <MDL | 0.24 | 0.481 |
| 0450 | 9/5/2001 | L21953-2 | 2,4-Dinitrotoluene | | ug/L | <MDL | 0.054 | 0.108 |
| 0450 | 9/5/2001 | L21953-2 | 2,6-Dinitrotoluene | | ug/L | <MDL | 0.18 | 0.361 |
| 0450 | 9/5/2001 | L21953-2 | 2-Chloronaphthalene | | ug/L | <MDL,G | 0.29 | 0.577 |
| 0450 | 9/5/2001 | L21953-2 | 2-Chlorophenol | | ug/L | <MDL | 0.14 | 0.288 |
| 0450 | 9/5/2001 | L21953-2 | 2-Methylnaphthalene | | ug/L | <MDL,G | 0.25 | 0.505 |
| 0450 | 9/5/2001 | L21953-2 | 2-Methylphenol | | ug/L | <MDL | 0.34 | 0.685 |
| 0450 | 9/5/2001 | L21953-2 | 2-Nitroaniline | | ug/L | <MDL | 0.12 | 0.24 |
| 0450 | 9/5/2001 | L21953-2 | 2-Nitrophenol | | ug/L | <MDL | 0.27 | 0.541 |
| 0450 | 9/5/2001 | L21953-2 | 3,3'-Dichlorobenzidine | | ug/L | <MDL | 0.048 | 0.0962 |
| 0450 | 9/5/2001 | L21953-2 | 3-Methylphenol | | ug/L | <MDL,G | 0.048 | 0.0962 |
| 0450 | 9/5/2001 | L21953-2 | 3-Nitroaniline | | ug/L | <MDL | 0.12 | 0.24 |
| 0450 | 9/5/2001 | L21953-2 | 4,4'-DDD | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0450 | 9/5/2001 | L21953-2 | 4,4'-DDE | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0450 | 9/5/2001 | L21953-2 | 4,4'-DDT | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0450 | 9/5/2001 | L21953-2 | 4,6-Dinitro-O-Cresol | | ug/L | <MDL | 0.24 | 0.481 |
| 0450 | 9/5/2001 | L21953-2 | 4-Bromophenyl Phenyl Ether | | ug/L | <MDL | 0.16 | 0.325 |
| 0450 | 9/5/2001 | L21953-2 | 4-Chloro-3-Methylphenol | | ug/L | <MDL | 0.048 | 0.0962 |
| 0450 | 9/5/2001 | L21953-2 | 4-Chloroaniline | | ug/L | <MDL,G | 0.048 | 0.0962 |
| 0450 | 9/5/2001 | L21953-2 | 4-Chlorophenyl Phenyl Ether | | ug/L | <MDL,G | 0.23 | 0.469 |
| 0450 | 9/5/2001 | L21953-2 | 4-Methylphenol | | ug/L | <MDL | 0.29 | 0.577 |
| 0450 | 9/5/2001 | L21953-2 | 4-Nitroaniline | | ug/L | <MDL | 0.24 | 0.481 |
| 0450 | 9/5/2001 | L21953-2 | 4-Nitrophenol | | ug/L | <MDL | 0.24 | 0.481 |
| 0450 | 9/5/2001 | L21953-2 | Acenaphthene | | ug/L | <MDL,G | 0.13 | 0.252 |
| 0450 | 9/5/2001 | L21953-2 | Acenaphthylene | | ug/L | <MDL,G | 0.27 | 0.541 |
| 0450 | 9/5/2001 | L21953-2 | Aldrin | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0450 | 9/5/2001 | L21953-2 | Alpha-BHC | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0450 | 9/5/2001 | L21953-2 | Aluminum, Dissolved, ICP-MS | 0.0063 | mg/L | <RDL | 0.002 | 0.01 |
| 0450 | 9/5/2001 | L21953-2 | Aluminum, Total, ICP-MS | 0.104 | mg/L | | 0.002 | 0.01 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0450 | 9/5/2001 | L21953-2 | Ammonia Nitrogen | 0.0629 | mg/L | | 0.01 | 0.02 |
| 0450 | 9/5/2001 | L21953-2 | Aniline | | ug/L | <MDL,G | 0.34 | 0.685 |
| 0450 | 9/5/2001 | L21953-2 | Anthracene | | ug/L | <MDL | 0.072 | 0.144 |
| 0450 | 9/5/2001 | L21953-2 | Antimony, Dissolved, ICP-MS | 8.37E-05 | mg/L | | 0.00001 | 0.00005 |
| 0450 | 9/5/2001 | L21953-2 | Antimony, Total, ICP-MS | 7.87E-05 | mg/L | | 0.00001 | 0.00005 |
| 0450 | 9/5/2001 | L21953-2 | Aroclor 1016 | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450 | 9/5/2001 | L21953-2 | Aroclor 1221 | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450 | 9/5/2001 | L21953-2 | Aroclor 1232 | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450 | 9/5/2001 | L21953-2 | Aroclor 1242 | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450 | 9/5/2001 | L21953-2 | Aroclor 1248 | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450 | 9/5/2001 | L21953-2 | Aroclor 1254 | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450 | 9/5/2001 | L21953-2 | Aroclor 1260 | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450 | 9/5/2001 | L21953-2 | Arsenic, Dissolved, ICP-MS | 0.00194 | mg/L | | 0.0001 | 0.0005 |
| 0450 | 9/5/2001 | L21953-2 | Arsenic, Total, ICP-MS | 0.00221 | mg/L | | 0.0001 | 0.0005 |
| 0450 | 9/5/2001 | L21953-2 | Barium, Dissolved, ICP-MS | 0.00812 | mg/L | | 0.000025 | 0.000125 |
| 0450 | 9/5/2001 | L21953-2 | Barium, Total, ICP-MS | 0.0103 | mg/L | | 0.0002 | 0.001 |
| 0450 | 9/5/2001 | L21953-2 | Benzo(a)anthracene | | ug/L | <MDL | 0.036 | 0.0721 |
| 0450 | 9/5/2001 | L21953-2 | Benzo(a)pyrene | | ug/L | <MDL | 0.054 | 0.108 |
| 0450 | 9/5/2001 | L21953-2 | Benzo(b)fluoranthene | | ug/L | <MDL | 0.054 | 0.108 |
| 0450 | 9/5/2001 | L21953-2 | Benzo(g,h,i)perylene | | ug/L | <MDL | 0.14 | 0.288 |
| 0450 | 9/5/2001 | L21953-2 | Benzo(k)fluoranthene | | ug/L | <MDL | 0.054 | 0.108 |
| 0450 | 9/5/2001 | L21953-2 | Benzoic Acid | | ug/L | <MDL,G | 0.11 | 0.216 |
| 0450 | 9/5/2001 | L21953-2 | Benzyl Alcohol | | ug/L | <MDL | 0.11 | 0.216 |
| 0450 | 9/5/2001 | L21953-2 | Benzyl Butyl Phthalate | | ug/L | B | 1.1 | 0.216 |
| 0450 | 9/5/2001 | L21953-2 | Beryllium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| 0450 | 9/5/2001 | L21953-2 | Beryllium, Total, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| 0450 | 9/5/2001 | L21953-2 | Beta-BHC | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0450 | 9/5/2001 | L21953-2 | Bis(2-Chloroethoxy)Methane | | ug/L | <MDL | 0.31 | 0.613 |
| 0450 | 9/5/2001 | L21953-2 | Bis(2-Chloroethyl)Ether | | ug/L | <MDL | 0.27 | 0.541 |
| 0450 | 9/5/2001 | L21953-2 | Bis(2-Chloroisopropyl)Ether | | ug/L | <MDL | 0.27 | 0.541 |
| 0450 | 9/5/2001 | L21953-2 | Bis(2-Ethylhexyl)Phthalate | | ug/L | B,L | 7.05 | 0.252 |
| 0450 | 9/5/2001 | L21953-2 | Cadmium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| 0450 | 9/5/2001 | L21953-2 | Cadmium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| 0450 | 9/5/2001 | L21953-2 | Caffeine | | ug/L | <MDL | 0.11 | 0.216 |
| 0450 | 9/5/2001 | L21953-2 | Calcium, Dissolved, ICP | 13.9 | mg/L | | 0.05 | 0.25 |
| 0450 | 9/5/2001 | L21953-2 | Calcium, Total, ICP | 14.2 | mg/L | | 0.05 | 0.25 |
| 0450 | 9/5/2001 | L21953-2 | Carbazole | | ug/L | <MDL | 0.13 | 0.252 |
| 0450 | 9/5/2001 | L21953-2 | Chlordane | | ug/L | <MDL | 0.012 | 0.0236 |
| 0450 | 9/5/2001 | L21953-2 | Chlorpyrifos | | ug/L | <MDL | 0.032 | 0.0476 |
| 0450 | 9/5/2001 | L21953-2 | Chromium, Dissolved, ICP-MS | 0.000353 | mg/L | | 0.00005 | 0.00025 |
| 0450 | 9/5/2001 | L21953-2 | Chromium, Total, ICP-MS | 0.000503 | mg/L | | 0.00005 | 0.00025 |
| 0450 | 9/5/2001 | L21953-2 | Chrysene | | ug/L | <MDL | 0.072 | 0.144 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0450 | 9/5/2001 | L21953-2 | Cobalt, Dissolved, ICP-MS | 8.25E-05 | mg/L | | 0.00001 | 0.00005 |
| 0450 | 9/5/2001 | L21953-2 | Cobalt, Total, ICP-MS | 0.000132 | mg/L | | 0.00001 | 0.00005 |
| 0450 | 9/5/2001 | L21953-2 | Copper, Dissolved, ICP-MS | 0.000638 | mg/L | | 0.0001 | 0.0005 |
| 0450 | 9/5/2001 | L21953-2 | Copper, Total, ICP-MS | 0.000887 | mg/L | | 0.0001 | 0.0005 |
| 0450 | 9/5/2001 | L21953-2 | Coprostanol | | ug/L | <MDL,G | 0.25 | 0.505 |
| 0450 | 9/5/2001 | L21953-2 | Dalapon | | ug/L | <MDL | 0.012 | 0.08 |
| 0450 | 9/5/2001 | L21953-2 | Delta-BHC | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0450 | 9/5/2001 | L21953-2 | Diazinon | | ug/L | <MDL | 0.041 | 0.0476 |
| 0450 | 9/5/2001 | L21953-2 | Dibenzo(a,h)anthracene | | ug/L | <MDL | 0.13 | 0.252 |
| 0450 | 9/5/2001 | L21953-2 | Dibenzofuran | | ug/L | <MDL,G | 0.25 | 0.505 |
| 0450 | 9/5/2001 | L21953-2 | Dicamba | | ug/L | <MDL | 0.022 | 0.08 |
| 0450 | 9/5/2001 | L21953-2 | Dichloroprop | | ug/L | <MDL | 0.011 | 0.08 |
| 0450 | 9/5/2001 | L21953-2 | Dieldrin | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0450 | 9/5/2001 | L21953-2 | Diethyl Phthalate | 0.15 | ug/L | <RDL | 0.11 | 0.216 |
| 0450 | 9/5/2001 | L21953-2 | Dimethyl Phthalate | | ug/L | <MDL | 0.2 | 0.397 |
| 0450 | 9/5/2001 | L21953-2 | Di-N-Butyl Phthalate | | ug/L | B,L | 1.2 | 0.18 |
| 0450 | 9/5/2001 | L21953-2 | Di-N-Octyl Phthalate | | ug/L | <MDL | 0.14 | 0.288 |
| 0450 | 9/5/2001 | L21953-2 | Dinoseb | | ug/L | <MDL | 0.029 | 0.08 |
| 0450 | 9/5/2001 | L21953-2 | Disulfoton | | ug/L | <MDL | 0.026 | 0.0476 |
| 0450 | 9/5/2001 | L21953-2 | Endosulfan I | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0450 | 9/5/2001 | L21953-2 | Endosulfan II | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0450 | 9/5/2001 | L21953-2 | Endosulfan Sulfate | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0450 | 9/5/2001 | L21953-2 | Endrin | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0450 | 9/5/2001 | L21953-2 | Endrin Aldehyde | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0450 | 9/5/2001 | L21953-2 | Enterococcus | 130 | CFU/100ml | | | |
| 0450 | 9/5/2001 | L21953-2 | Escherichia coli | 260 | CFU/100ml | | | |
| 0450 | 9/5/2001 | L21953-2 | Fecal Coliform | 280 | CFU/100ml | | | |
| 0450 | 9/5/2001 | L21953-2 | Fluoranthene | | ug/L | <MDL | 0.14 | 0.288 |
| 0450 | 9/5/2001 | L21953-2 | Fluorene | | ug/L | <MDL | 0.23 | 0.469 |
| 0450 | 9/5/2001 | L21953-2 | Fluoride | | mg/L | <MDL | 0.05 | 0.1 |
| 0450 | 9/5/2001 | L21953-2 | Gamma-BHC (Lindane) | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0450 | 9/5/2001 | L21953-2 | Hardness, Calc | 68.5 | mg CaCO3/L | | 0.2 | 1.25 |
| 0450 | 9/5/2001 | L21953-2 | Heptachlor | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0450 | 9/5/2001 | L21953-2 | Heptachlor Epoxide | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0450 | 9/5/2001 | L21953-2 | Hexachlorobenzene | | ug/L | <MDL | 0.012 | 0.024 |
| 0450 | 9/5/2001 | L21953-2 | Hexachlorobutadiene | | ug/L | <MDL,G | 0.014 | 0.027 |
| 0450 | 9/5/2001 | L21953-2 | Hexachlorocyclopentadiene | | ug/L | <MDL,G | 0.12 | 0.24 |
| 0450 | 9/5/2001 | L21953-2 | Hexachloroethane | | ug/L | <MDL,G | 0.27 | 0.541 |
| 0450 | 9/5/2001 | L21953-2 | Indeno(1,2,3-Cd)Pyrene | | ug/L | <MDL | 0.16 | 0.325 |
| 0450 | 9/5/2001 | L21953-2 | Iron, Dissolved, ICP | 0.432 | mg/L | | 0.05 | 0.25 |
| 0450 | 9/5/2001 | L21953-2 | Iron, Total, ICP | 0.879 | mg/L | | 0.05 | 0.25 |
| 0450 | 9/5/2001 | L21953-2 | Isophorone | | ug/L | <MDL | 0.34 | 0.685 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0450 | 9/5/2001 | L21953-2 | Lead, Dissolved, ICP-MS | 0.000079 | mg/L | <RDL | 0.000025 | 0.000125 |
| 0450 | 9/5/2001 | L21953-2 | Lead, Total, ICP-MS | 0.000383 | mg/L | | 0.000025 | 0.000125 |
| 0450 | 9/5/2001 | L21953-2 | Magnesium, Dissolved, ICP | 7.91 | mg/L | | 0.03 | 0.15 |
| 0450 | 9/5/2001 | L21953-2 | Magnesium, Total, ICP | 8.05 | mg/L | | 0.03 | 0.15 |
| 0450 | 9/5/2001 | L21953-2 | Malathion | | ug/L | <MDL | 0.046 | 0.0476 |
| 0450 | 9/5/2001 | L21953-2 | MCPA | | ug/L | <MDL | 0.011 | 0.08 |
| 0450 | 9/5/2001 | L21953-2 | MCPP | | ug/L | <MDL | 0.013 | 0.08 |
| 0450 | 9/5/2001 | L21953-2 | Mercury, Dissolved, CVAF | 9.95E-07 | mg/L | | 0.0000001 | 5E-07 |
| 0450 | 9/5/2001 | L21953-2 | Mercury, Total, CVAF | 2.4E-06 | mg/L | | 0.0000001 | 5E-07 |
| 0450 | 9/5/2001 | L21953-2 | Methoxychlor | | ug/L | <MDL | 0.012 | 0.0236 |
| 0450 | 9/5/2001 | L21953-2 | Molybdenum, Dissolved, ICP-MS | 0.00036 | mg/L | | 0.00001 | 0.00005 |
| 0450 | 9/5/2001 | L21953-2 | Molybdenum, Total, ICP-MS | 0.000332 | mg/L | | 0.00001 | 0.00005 |
| 0450 | 9/5/2001 | L21953-2 | Naphthalene | | ug/L | <MDL,G | 0.25 | 0.505 |
| 0450 | 9/5/2001 | L21953-2 | Nickel, Dissolved, ICP-MS | 0.00108 | mg/L | | 0.00005 | 0.00025 |
| 0450 | 9/5/2001 | L21953-2 | Nickel, Total, ICP-MS | 0.0012 | mg/L | | 0.00005 | 0.00025 |
| 0450 | 9/5/2001 | L21953-2 | Nitrate Nitrogen | 0.278 | mg/L | | 0.02 | 0.04 |
| 0450 | 9/5/2001 | L21953-2 | Nitrite + Nitrate Nitrogen | 0.278 | mg/L | | 0.02 | 0.04 |
| 0450 | 9/5/2001 | L21953-2 | Nitrobenzene | | ug/L | <MDL,G | 0.29 | 0.577 |
| 0450 | 9/5/2001 | L21953-2 | N-Nitrosodimethylamine | | ug/L | <MDL | 0.36 | 0.721 |
| 0450 | 9/5/2001 | L21953-2 | N-Nitrosodi-N-Propylamine | | ug/L | <MDL | 0.16 | 0.325 |
| 0450 | 9/5/2001 | L21953-2 | N-Nitrosodiphenylamine | | ug/L | <MDL | 0.36 | 0.721 |
| 0450 | 9/5/2001 | L21953-2 | Ortho Phosphorus | 0.0256 | mg/L | | 0.002 | 0.005 |
| 0450 | 9/5/2001 | L21953-2 | Parathion-Ethyl | | ug/L | <MDL | 0.043 | 0.0476 |
| 0450 | 9/5/2001 | L21953-2 | Parathion-Methyl | | ug/L | <MDL | 0.034 | 0.0476 |
| 0450 | 9/5/2001 | L21953-2 | Pentachlorophenol | | ug/L | <MDL | 0.09 | 0.18 |
| 0450 | 9/5/2001 | L21953-2 | Phenanthrene | | ug/L | <MDL | 0.072 | 0.144 |
| 0450 | 9/5/2001 | L21953-2 | Phenol | | ug/L | <MDL | 0.16 | 0.325 |
| 0450 | 9/5/2001 | L21953-2 | Phorate | | ug/L | <MDL | 0.031 | 0.0476 |
| 0450 | 9/5/2001 | L21953-2 | Pyrene | | ug/L | <MDL | 0.072 | 0.144 |
| 0450 | 9/5/2001 | L21953-2 | Pyridine | | ug/L | <MDL,G | 0.48 | 0.962 |
| 0450 | 9/5/2001 | L21953-2 | Sample Start Time | 930 | hr | | | |
| 0450 | 9/5/2001 | L21953-2 | Selenium, Dissolved, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| 0450 | 9/5/2001 | L21953-2 | Selenium, Total, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| 0450 | 9/5/2001 | L21953-2 | Silver, Dissolved, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| 0450 | 9/5/2001 | L21953-2 | Silver, Total, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| 0450 | 9/5/2001 | L21953-2 | Thallium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| 0450 | 9/5/2001 | L21953-2 | Thallium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| 0450 | 9/5/2001 | L21953-2 | Total Suspended Solids | 2 | mg/L | RDL | 1 | 2 |
| 0450 | 9/5/2001 | L21953-2 | Toxaphene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450 | 9/5/2001 | L21953-2 | Vanadium, Dissolved, ICP-MS | 0.0011 | mg/L | | 0.000025 | 0.000125 |
| 0450 | 9/5/2001 | L21953-2 | Vanadium, Total, ICP-MS | 0.00139 | mg/L | | 0.000025 | 0.000125 |
| 0450 | 9/5/2001 | L21953-2 | Zinc, Dissolved, ICP-MS | | mg/L | B | 0.00255 | 0.00075 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0450 | 9/5/2001 | L21953-2 | Zinc, Total, ICP-MS | 0.00202 | mg/L | | 0.00015 | 0.00075 |
| 0450 | 10/7/2002 | L25875-2 | 1,2,4-Trichlorobenzene | | ug/L | <MDL | 0.025 | 0.0503 |
| 0450 | 10/7/2002 | L25875-2 | 1,2-Dichlorobenzene | | ug/L | <MDL | 0.005 | 0.0101 |
| 0450 | 10/7/2002 | L25875-2 | 1,2-Diphenylhydrazine | | ug/L | <MDL | 0.05 | 0.101 |
| 0450 | 10/7/2002 | L25875-2 | 1,3-Dichlorobenzene | | ug/L | <MDL | 0.005 | 0.0101 |
| 0450 | 10/7/2002 | L25875-2 | 1,4-Dichlorobenzene | | ug/L | <MDL | 0.005 | 0.0101 |
| 0450 | 10/7/2002 | L25875-2 | 2,4,5-T | | ug/L | <MDL | 0.048 | 0.16 |
| 0450 | 10/7/2002 | L25875-2 | 2,4,5-TP (Silvex) | | ug/L | <MDL | 0.016 | 0.08 |
| 0450 | 10/7/2002 | L25875-2 | 2,4,5-Trichlorophenol | | ug/L | <MDL | 0.05 | 0.251 |
| 0450 | 10/7/2002 | L25875-2 | 2,4,6-Trichlorophenol | | ug/L | <MDL | 0.05 | 0.251 |
| 0450 | 10/7/2002 | L25875-2 | 2,4-D | | ug/L | <MDL | 0.038 | 0.12 |
| 0450 | 10/7/2002 | L25875-2 | 2,4-DB | | ug/L | <MDL | 0.043 | 0.12 |
| 0450 | 10/7/2002 | L25875-2 | 2,4-Dichlorophenol | | ug/L | <MDL | 0.025 | 0.251 |
| 0450 | 10/7/2002 | L25875-2 | 2,4-Dimethylphenol | | ug/L | <MDL | 0.025 | 0.251 |
| 0450 | 10/7/2002 | L25875-2 | 2,4-Dinitrophenol | | ug/L | <MDL | 0.25 | 2.51 |
| 0450 | 10/7/2002 | L25875-2 | 2,4-Dinitrotoluene | | ug/L | <MDL | 0.5 | 1.01 |
| 0450 | 10/7/2002 | L25875-2 | 2,6-Dinitrotoluene | | ug/L | <MDL | 0.5 | 1.01 |
| 0450 | 10/7/2002 | L25875-2 | 2-Chloronaphthalene | | ug/L | <MDL | 0.01 | 0.0251 |
| 0450 | 10/7/2002 | L25875-2 | 2-Chlorophenol | | ug/L | <MDL | 0.01 | 0.0251 |
| 0450 | 10/7/2002 | L25875-2 | 2-Methylnaphthalene | | ug/L | <MDL | 0.025 | 0.0503 |
| 0450 | 10/7/2002 | L25875-2 | 2-Methylphenol | | ug/L | <MDL | 0.025 | 0.126 |
| 0450 | 10/7/2002 | L25875-2 | 2-Nitroaniline | | ug/L | <MDL | 0.5 | 1.01 |
| 0450 | 10/7/2002 | L25875-2 | 2-Nitrophenol | | ug/L | <MDL | 0.05 | 0.251 |
| 0450 | 10/7/2002 | L25875-2 | 3,3'-Dichlorobenzidine | | ug/L | <MDL | 0.05 | 0.101 |
| 0450 | 10/7/2002 | L25875-2 | 3-Methylphenol | | ug/L | <MDL | 0.025 | 0.126 |
| 0450 | 10/7/2002 | L25875-2 | 3-Nitroaniline | | ug/L | <MDL | 0.13 | 0.503 |
| 0450 | 10/7/2002 | L25875-2 | 4,4'-DDD | | ug/L | <MDL | 0.0013 | 0.00251 |
| 0450 | 10/7/2002 | L25875-2 | 4,4'-DDE | | ug/L | <MDL | 0.0013 | 0.00251 |
| 0450 | 10/7/2002 | L25875-2 | 4,4'-DDT | | ug/L | <MDL | 0.0013 | 0.00251 |
| 0450 | 10/7/2002 | L25875-2 | 4,6-Dinitro-O-Cresol | | ug/L | <MDL | 0.25 | 2.51 |
| 0450 | 10/7/2002 | L25875-2 | 4-Bromophenyl Phenyl Ether | | ug/L | <MDL | 0.05 | 0.101 |
| 0450 | 10/7/2002 | L25875-2 | 4-Chloro-3-Methylphenol | | ug/L | <MDL | 0.05 | 0.251 |
| 0450 | 10/7/2002 | L25875-2 | 4-Chloroaniline | | ug/L | <MDL | 0.025 | 0.126 |
| 0450 | 10/7/2002 | L25875-2 | 4-Chlorophenyl Phenyl Ether | | ug/L | <MDL | 0.025 | 0.0503 |
| 0450 | 10/7/2002 | L25875-2 | 4-Methylphenol | | ug/L | <MDL | 0.025 | 0.126 |
| 0450 | 10/7/2002 | L25875-2 | 4-Nitroaniline | | ug/L | <MDL | 0.5 | 1.01 |
| 0450 | 10/7/2002 | L25875-2 | 4-Nitrophenol | | ug/L | <MDL | 0.25 | 2.51 |
| 0450 | 10/7/2002 | L25875-2 | Acenaphthene | | ug/L | <MDL | 0.005 | 0.0101 |
| 0450 | 10/7/2002 | L25875-2 | Acenaphthylene | | ug/L | <MDL | 0.05 | 0.101 |
| 0450 | 10/7/2002 | L25875-2 | Aldrin | | ug/L | <MDL | 0.0013 | 0.00251 |
| 0450 | 10/7/2002 | L25875-2 | Alpha-BHC | | ug/L | <MDL | 0.00063 | 0.00126 |
| 0450 | 10/7/2002 | L25875-2 | Alpha-Chlordane | | ug/L | <MDL | 0.00063 | 0.00126 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0450 | 10/7/2002 | L25875-2 | Aluminum, Dissolved, ICP-MS | 0.0076 | mg/L | <RDL | 0.002 | 0.01 |
| 0450 | 10/7/2002 | L25875-2 | Aluminum, Total, ICP-MS | 0.118 | mg/L | | 0.002 | 0.01 |
| 0450 | 10/7/2002 | L25875-2 | Ammonia Nitrogen | 0.0903 | mg/L | | 0.01 | 0.02 |
| 0450 | 10/7/2002 | L25875-2 | Aniline | | ug/L | <MDL | 0.05 | 0.101 |
| 0450 | 10/7/2002 | L25875-2 | Anthracene | | ug/L | <MDL | 0.01 | 0.0251 |
| 0450 | 10/7/2002 | L25875-2 | Antimony, Dissolved, ICP-MS | 0.000103 | mg/L | | 0.00001 | 0.00005 |
| 0450 | 10/7/2002 | L25875-2 | Antimony, Total, ICP-MS | 0.000106 | mg/L | | 0.00001 | 0.00005 |
| 0450 | 10/7/2002 | L25875-2 | Aroclor 1016 | | ug/L | <MDL | 0.0063 | 0.0126 |
| 0450 | 10/7/2002 | L25875-2 | Aroclor 1221 | | ug/L | <MDL | 0.013 | 0.0251 |
| 0450 | 10/7/2002 | L25875-2 | Aroclor 1232 | | ug/L | <MDL | 0.013 | 0.0251 |
| 0450 | 10/7/2002 | L25875-2 | Aroclor 1242 | | ug/L | <MDL | 0.0063 | 0.0126 |
| 0450 | 10/7/2002 | L25875-2 | Aroclor 1248 | | ug/L | <MDL | 0.0063 | 0.0126 |
| 0450 | 10/7/2002 | L25875-2 | Aroclor 1254 | | ug/L | <MDL | 0.0063 | 0.0126 |
| 0450 | 10/7/2002 | L25875-2 | Aroclor 1260 | | ug/L | <MDL | 0.0063 | 0.0126 |
| 0450 | 10/7/2002 | L25875-2 | Arsenic, Dissolved, ICP-MS | 0.00159 | mg/L | | 0.0001 | 0.0005 |
| 0450 | 10/7/2002 | L25875-2 | Arsenic, Total, ICP-MS | 0.00182 | mg/L | | 0.0001 | 0.0005 |
| 0450 | 10/7/2002 | L25875-2 | Atrazine | | ug/L | <MDL | 0.05 | 0.251 |
| 0450 | 10/7/2002 | L25875-2 | Barium, Dissolved, ICP-MS | 0.00948 | mg/L | | 0.0002 | 0.001 |
| 0450 | 10/7/2002 | L25875-2 | Barium, Total, ICP-MS | 0.0106 | mg/L | | 0.0002 | 0.001 |
| 0450 | 10/7/2002 | L25875-2 | Benzidine | | ug/L | <MDL | 0.5 | 5.03 |
| 0450 | 10/7/2002 | L25875-2 | Benzo(a)anthracene | | ug/L | <MDL | 0.005 | 0.0101 |
| 0450 | 10/7/2002 | L25875-2 | Benzo(a)pyrene | | ug/L | <MDL | 0.025 | 0.0503 |
| 0450 | 10/7/2002 | L25875-2 | Benzo(b)fluoranthene | | ug/L | <MDL | 0.025 | 0.0503 |
| 0450 | 10/7/2002 | L25875-2 | Benzo(g,h,i)perylene | | ug/L | <MDL | 0.025 | 0.0503 |
| 0450 | 10/7/2002 | L25875-2 | Benzo(k)fluoranthene | | ug/L | <MDL | 0.025 | 0.0503 |
| 0450 | 10/7/2002 | L25875-2 | Benzoic Acid | | ug/L | <MDL | 0.25 | 2.51 |
| 0450 | 10/7/2002 | L25875-2 | Benzyl Alcohol | | ug/L | <MDL | 0.05 | 0.251 |
| 0450 | 10/7/2002 | L25875-2 | Benzyl Butyl Phthalate | | ug/L | <RDL,B | 1.55 | 0.503 |
| 0450 | 10/7/2002 | L25875-2 | Beryllium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| 0450 | 10/7/2002 | L25875-2 | Beryllium, Total, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| 0450 | 10/7/2002 | L25875-2 | Beta-BHC | | ug/L | <MDL | 0.00063 | 0.00126 |
| 0450 | 10/7/2002 | L25875-2 | Bis(2-Chloroethoxy)Methane | | ug/L | <MDL | 0.025 | 0.0503 |
| 0450 | 10/7/2002 | L25875-2 | Bis(2-Chloroethyl)Ether | | ug/L | <MDL | 0.025 | 0.0503 |
| 0450 | 10/7/2002 | L25875-2 | Bis(2-Chloroisopropyl)Ether | | ug/L | <MDL | 0.01 | 0.0251 |
| 0450 | 10/7/2002 | L25875-2 | Bis(2-ethylhexyl)adipate | | ug/L | <RDL,B | 1.05 | 0.503 |
| 0450 | 10/7/2002 | L25875-2 | Bis(2-Ethylhexyl)Phthalate | 10 | ug/L | | 0.025 | 0.0503 |
| 0450 | 10/7/2002 | L25875-2 | Bisphenol A | 0.22 | ug/L | <RDL | 0.13 | 0.503 |
| 0450 | 10/7/2002 | L25875-2 | Cadmium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| 0450 | 10/7/2002 | L25875-2 | Cadmium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| 0450 | 10/7/2002 | L25875-2 | Caffeine | | ug/L | <MDL | 0.025 | 0.0503 |
| 0450 | 10/7/2002 | L25875-2 | Calcium, Dissolved, ICP | 14.2 | mg/L | | 0.05 | 0.25 |
| 0450 | 10/7/2002 | L25875-2 | Calcium, Total, ICP | 13.7 | mg/L | | 0.05 | 0.25 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0450 | 10/7/2002 | L25875-2 | Carbazole | | ug/L | <MDL | 0.01 | 0.0251 |
| 0450 | 10/7/2002 | L25875-2 | Chlordecone (Kepone) | | ug/L | <MDL | 0.13 | 0.503 |
| 0450 | 10/7/2002 | L25875-2 | Chlorpyrifos | | ug/L | <MDL | 0.032 | 0.0472 |
| 0450 | 10/7/2002 | L25875-2 | Chromium, Dissolved, ICP-MS | 0.000416 | mg/L | | 0.00005 | 0.00025 |
| 0450 | 10/7/2002 | L25875-2 | Chromium, Total, ICP-MS | 0.000678 | mg/L | | 0.00005 | 0.00025 |
| 0450 | 10/7/2002 | L25875-2 | Chrysene | | ug/L | <MDL | 0.01 | 0.0251 |
| 0450 | 10/7/2002 | L25875-2 | Cobalt, Dissolved, ICP-MS | 0.00008 | mg/L | | 0.00001 | 0.00005 |
| 0450 | 10/7/2002 | L25875-2 | Conductivity, Field | 174 | umhos/cm | | | |
| 0450 | 10/7/2002 | L25875-2 | Copper, Dissolved, ICP-MS | 0.000727 | mg/L | | 0.0001 | 0.0005 |
| 0450 | 10/7/2002 | L25875-2 | Copper, Total, ICP-MS | 0.000915 | mg/L | | 0.0001 | 0.0005 |
| 0450 | 10/7/2002 | L25875-2 | Coprostanol | | ug/L | <MDL | 1.3 | 10.1 |
| 0450 | 10/7/2002 | L25875-2 | Dalapon | | ug/L | <MDL | 0.047 | 0.16 |
| 0450 | 10/7/2002 | L25875-2 | Delta-BHC | | ug/L | <MDL | 0.00063 | 0.00126 |
| 0450 | 10/7/2002 | L25875-2 | Diazinon | | ug/L | <MDL | 0.041 | 0.0472 |
| 0450 | 10/7/2002 | L25875-2 | Diazinon | | ug/L | <MDL | 0.05 | 0.251 |
| 0450 | 10/7/2002 | L25875-2 | Dibenzo(a,h)anthracene | | ug/L | <MDL | 0.025 | 0.0503 |
| 0450 | 10/7/2002 | L25875-2 | Dibenzofuran | | ug/L | <MDL | 0.01 | 0.0251 |
| 0450 | 10/7/2002 | L25875-2 | Dicamba | | ug/L | <MDL | 0.039 | 0.12 |
| 0450 | 10/7/2002 | L25875-2 | Dichloroprop | | ug/L | <MDL | 0.016 | 0.08 |
| 0450 | 10/7/2002 | L25875-2 | Dieldrin | | ug/L | <MDL | 0.0013 | 0.00251 |
| 0450 | 10/7/2002 | L25875-2 | Diethyl Phthalate | 0.034 | ug/L | <RDL | 0.025 | 0.101 |
| 0450 | 10/7/2002 | L25875-2 | Dimethyl Phthalate | | ug/L | <MDL | 0.025 | 0.0503 |
| 0450 | 10/7/2002 | L25875-2 | Di-N-Butyl Phthalate | | ug/L | <RDL,B | 1.15 | 0.251 |
| 0450 | 10/7/2002 | L25875-2 | Di-N-Octyl Phthalate | | ug/L | <MDL | 0.025 | 0.0503 |
| 0450 | 10/7/2002 | L25875-2 | Dinoseb | | ug/L | <MDL | 0.046 | 0.16 |
| 0450 | 10/7/2002 | L25875-2 | Dissolved Oxygen, Field | 7.2 | mg/L | | | |
| 0450 | 10/7/2002 | L25875-2 | Disulfoton | | ug/L | <MDL | 0.025 | 0.0472 |
| 0450 | 10/7/2002 | L25875-2 | Endosulfan I | | ug/L | <MDL | 0.0013 | 0.00251 |
| 0450 | 10/7/2002 | L25875-2 | Endosulfan II | | ug/L | <MDL | 0.0013 | 0.00251 |
| 0450 | 10/7/2002 | L25875-2 | Endosulfan Sulfate | | ug/L | <MDL | 0.0013 | 0.00251 |
| 0450 | 10/7/2002 | L25875-2 | Endrin | | ug/L | <MDL | 0.0013 | 0.00251 |
| 0450 | 10/7/2002 | L25875-2 | Endrin Aldehyde | | ug/L | <MDL | 0.0025 | 0.00503 |
| 0450 | 10/7/2002 | L25875-2 | Enterococcus | 69 | CFU/100ml | | | |
| 0450 | 10/7/2002 | L25875-2 | Escherichia coli | 76 | CFU/100ml | | | |
| 0450 | 10/7/2002 | L25875-2 | Estradiol | | ug/L | <MDL | 0.13 | 0.503 |
| 0450 | 10/7/2002 | L25875-2 | Estrone | | ug/L | <MDL | 0.13 | 0.503 |
| 0450 | 10/7/2002 | L25875-2 | Ethynyl estradiol | | ug/L | <MDL | 0.13 | 0.503 |
| 0450 | 10/7/2002 | L25875-2 | Fecal Coliform | 92 | CFU/100ml | | | |
| 0450 | 10/7/2002 | L25875-2 | Fluoranthene | | ug/L | <MDL | 0.025 | 0.0503 |
| 0450 | 10/7/2002 | L25875-2 | Fluorene | | ug/L | <MDL | 0.025 | 0.0503 |
| 0450 | 10/7/2002 | L25875-2 | Fluoride | 0.0541 | mg/L | | 0.02 | 0.04 |
| 0450 | 10/7/2002 | L25875-2 | Gamma-BHC (Lindane) | | ug/L | <MDL | 0.00063 | 0.00126 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0450 | 10/7/2002 | L25875-2 | Gamma-Chlordane | | ug/L | <MDL | 0.00063 | 0.00126 |
| 0450 | 10/7/2002 | L25875-2 | Hardness, Calc | 67.9 | mg CaCO3/L | | 0.2 | 1.25 |
| 0450 | 10/7/2002 | L25875-2 | Heptachlor | | ug/L | <MDL | 0.00063 | 0.00126 |
| 0450 | 10/7/2002 | L25875-2 | Heptachlor Epoxide | | ug/L | <MDL | 0.00063 | 0.00126 |
| 0450 | 10/7/2002 | L25875-2 | Hexachlorobenzene | | ug/L | <MDL | 0.025 | 0.0503 |
| 0450 | 10/7/2002 | L25875-2 | Hexachlorobutadiene | | ug/L | <MDL | 0.025 | 0.0503 |
| 0450 | 10/7/2002 | L25875-2 | Hexachlorocyclopentadiene | | ug/L | <MDL | 0.05 | 0.503 |
| 0450 | 10/7/2002 | L25875-2 | Hexachloroethane | | ug/L | <MDL | 0.025 | 0.0503 |
| 0450 | 10/7/2002 | L25875-2 | Indeno(1,2,3-Cd)Pyrene | | ug/L | <MDL | 0.025 | 0.0503 |
| 0450 | 10/7/2002 | L25875-2 | Iron, Dissolved, ICP | 0.358 | mg/L | | 0.05 | 0.25 |
| 0450 | 10/7/2002 | L25875-2 | Iron, Total, ICP | 0.63 | mg/L | | 0.05 | 0.25 |
| 0450 | 10/7/2002 | L25875-2 | Isophorone | | ug/L | <MDL | 0.25 | 0.0503 |
| 0450 | 10/7/2002 | L25875-2 | Lead, Dissolved, ICP-MS | 0.000067 | mg/L | <RDL | 0.000025 | 0.000125 |
| 0450 | 10/7/2002 | L25875-2 | Lead, Total, ICP-MS | 0.000306 | mg/L | | 0.000025 | 0.000125 |
| 0450 | 10/7/2002 | L25875-2 | Magnesium, Dissolved, ICP | 8.45 | mg/L | | 0.03 | 0.15 |
| 0450 | 10/7/2002 | L25875-2 | Magnesium, Total, ICP | 8.15 | mg/L | | 0.03 | 0.15 |
| 0450 | 10/7/2002 | L25875-2 | Malathion | | ug/L | <MDL | 0.045 | 0.0472 |
| 0450 | 10/7/2002 | L25875-2 | MCPA | | ug/L | <MDL | 0.022 | 0.08 |
| 0450 | 10/7/2002 | L25875-2 | MCPP | | ug/L | <MDL | 0.03 | 0.08 |
| 0450 | 10/7/2002 | L25875-2 | Mercury, Dissolved, CVAF | 6.03E-07 | mg/L | | 0.0000001 | 5E-07 |
| 0450 | 10/7/2002 | L25875-2 | Mercury, Total, CVAF | 1.2E-06 | mg/L | | 0.0000001 | 5E-07 |
| 0450 | 10/7/2002 | L25875-2 | Methoxychlor | | ug/L | <MDL | 0.0063 | 0.0126 |
| 0450 | 10/7/2002 | L25875-2 | Methyltestosterone | | ug/L | <MDL | 0.13 | 0.503 |
| 0450 | 10/7/2002 | L25875-2 | Molybdenum, Dissolved, ICP-MS | 0.000388 | mg/L | | 0.00001 | 0.00005 |
| 0450 | 10/7/2002 | L25875-2 | Molybdenum, Total, ICP-MS | 0.000369 | mg/L | | 0.00001 | 0.00005 |
| 0450 | 10/7/2002 | L25875-2 | Naphthalene | | ug/L | <MDL | 0.01 | 0.0251 |
| 0450 | 10/7/2002 | L25875-2 | Nickel, Dissolved, ICP-MS | 0.0011 | mg/L | | 0.00005 | 0.00025 |
| 0450 | 10/7/2002 | L25875-2 | Nickel, Total, ICP-MS | 0.00127 | mg/L | | 0.00005 | 0.00025 |
| 0450 | 10/7/2002 | L25875-2 | Nitrate Nitrogen | 0.497 | mg/L | | 0.02 | 0.04 |
| 0450 | 10/7/2002 | L25875-2 | Nitrite + Nitrate Nitrogen | 0.497 | mg/L | | 0.02 | 0.04 |
| 0450 | 10/7/2002 | L25875-2 | Nitrobenzene | | ug/L | <MDL | 0.05 | 0.101 |
| 0450 | 10/7/2002 | L25875-2 | N-Nitrosodimethylamine | | ug/L | <MDL | 0.05 | 0.126 |
| 0450 | 10/7/2002 | L25875-2 | N-Nitrosodi-N-Propylamine | | ug/L | <MDL | 0.05 | 0.101 |
| 0450 | 10/7/2002 | L25875-2 | N-Nitrosodiphenylamine | | ug/L | <MDL | 0.025 | 0.0503 |
| 0450 | 10/7/2002 | L25875-2 | Ortho Phosphorus | 0.0325 | mg/L | | 0.002 | 0.005 |
| 0450 | 10/7/2002 | L25875-2 | Parathion-Ethyl | | ug/L | <MDL | 0.042 | 0.0472 |
| 0450 | 10/7/2002 | L25875-2 | Parathion-Methyl | | ug/L | <MDL | 0.034 | 0.0472 |
| 0450 | 10/7/2002 | L25875-2 | Pentachlorophenol | | ug/L | <MDL | 0.13 | 1.01 |
| 0450 | 10/7/2002 | L25875-2 | pH, Field | 6.8 | pH | | | |
| 0450 | 10/7/2002 | L25875-2 | Phenanthrene | | ug/L | <MDL | 0.01 | 0.0251 |
| 0450 | 10/7/2002 | L25875-2 | Phenol | | ug/L | B | 0.09 | 0.0101 |
| 0450 | 10/7/2002 | L25875-2 | Phorate | | ug/L | <MDL | 0.031 | 0.0472 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0450 | 10/7/2002 | L25875-2 | Progesterone | | ug/L | <MDL | 0.13 | 0.503 |
| 0450 | 10/7/2002 | L25875-2 | Pyrene | | ug/L | <MDL | 0.01 | 0.0251 |
| 0450 | 10/7/2002 | L25875-2 | Pyridine | | ug/L | <MDL | 0.5 | 1.01 |
| 0450 | 10/7/2002 | L25875-2 | Sample Temperature, Field | 13.6 | deg C | | | |
| 0450 | 10/7/2002 | L25875-2 | Selenium, Dissolved, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| 0450 | 10/7/2002 | L25875-2 | Selenium, Total, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| 0450 | 10/7/2002 | L25875-2 | Silver, Dissolved, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| 0450 | 10/7/2002 | L25875-2 | Silver, Total, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| 0450 | 10/7/2002 | L25875-2 | Simazine | | ug/L | <MDL | 0.05 | 0.251 |
| 0450 | 10/7/2002 | L25875-2 | Testosterone | | ug/L | <MDL | 0.13 | 0.503 |
| 0450 | 10/7/2002 | L25875-2 | Thallium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| 0450 | 10/7/2002 | L25875-2 | Thallium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| 0450 | 10/7/2002 | L25875-2 | Total 4-Nonylphenol | | ug/L | <MDL | 0.13 | 0.503 |
| 0450 | 10/7/2002 | L25875-2 | Total Suspended Solids | 4.49 | mg/L | H | 0.5 | 1 |
| 0450 | 10/7/2002 | L25875-2 | Toxaphene | | ug/L | <MDL | 0.013 | 0.0251 |
| 0450 | 10/7/2002 | L25875-2 | Vanadium, Dissolved, ICP-MS | 0.00103 | mg/L | | 0.000025 | 0.000125 |
| 0450 | 10/7/2002 | L25875-2 | Vanadium, Total, ICP-MS | 0.00134 | mg/L | | 0.000025 | 0.000125 |
| 0450 | 10/7/2002 | L25875-2 | Vinclozolin | | ug/L | <MDL | 0.13 | 0.503 |
| 0450 | 10/7/2002 | L25875-2 | Zinc, Dissolved, ICP-MS | | mg/L | B | 0.00545 | 0.00075 |
| 0450 | 10/7/2002 | L25875-2 | Zinc, Total, ICP-MS | 0.0023 | mg/L | | 0.00015 | 0.00075 |
| 0450 | 9/15/2003 | L29488-2 | 1,2,4-Trichlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450 | 9/15/2003 | L29488-2 | 1,2-Dichlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450 | 9/15/2003 | L29488-2 | 1,2-Diphenylhydrazine | | ug/L | <MDL | 0.047 | 0.0943 |
| 0450 | 9/15/2003 | L29488-2 | 1,3-Dichlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450 | 9/15/2003 | L29488-2 | 1,4-Dichlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450 | 9/15/2003 | L29488-2 | 2,4,5-T | | ug/L | <MDL | 0.043 | 0.12 |
| 0450 | 9/15/2003 | L29488-2 | 2,4,5-TP (Silvex) | | ug/L | <MDL | 0.046 | 0.16 |
| 0450 | 9/15/2003 | L29488-2 | 2,4,5-Trichlorophenol | | ug/L | <MDL | 0.24 | 0.943 |
| 0450 | 9/15/2003 | L29488-2 | 2,4,6-Trichlorophenol | | ug/L | <MDL | 0.24 | 0.943 |
| 0450 | 9/15/2003 | L29488-2 | 2,4-D | | ug/L | <MDL | 0.016 | 0.08 |
| 0450 | 9/15/2003 | L29488-2 | 2,4-DB | | ug/L | <MDL | 0.022 | 0.08 |
| 0450 | 9/15/2003 | L29488-2 | 2,4-Dichlorophenol | | ug/L | <MDL | 0.024 | 0.236 |
| 0450 | 9/15/2003 | L29488-2 | 2,4-Dimethylphenol | | ug/L | <MDL | 0.024 | 0.236 |
| 0450 | 9/15/2003 | L29488-2 | 2,4-Dinitrophenol | | ug/L | <MDL | 0.24 | 2.36 |
| 0450 | 9/15/2003 | L29488-2 | 2,4-Dinitrotoluene | | ug/L | <MDL | 0.47 | 0.943 |
| 0450 | 9/15/2003 | L29488-2 | 2,6-Dinitrotoluene | | ug/L | <MDL | 0.47 | 0.943 |
| 0450 | 9/15/2003 | L29488-2 | 2-Chloronaphthalene | | ug/L | <MDL | 0.0094 | 0.0236 |
| 0450 | 9/15/2003 | L29488-2 | 2-Chlorophenol | | ug/L | <MDL | 0.0094 | 0.0236 |
| 0450 | 9/15/2003 | L29488-2 | 2-Methylnaphthalene | 0.024 | ug/L | <RDL | 0.024 | 0.0472 |
| 0450 | 9/15/2003 | L29488-2 | 2-Methylphenol | | ug/L | <MDL | 0.024 | 0.118 |
| 0450 | 9/15/2003 | L29488-2 | 2-Nitroaniline | | ug/L | <MDL | 0.47 | 0.943 |
| 0450 | 9/15/2003 | L29488-2 | 2-Nitrophenol | | ug/L | <MDL | 0.094 | 0.236 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0450 | 9/15/2003 | L29488-2 | 3,3'-Dichlorobenzidine | | ug/L | <MDL | 0.047 | 0.0943 |
| 0450 | 9/15/2003 | L29488-2 | 3-Methylphenol | | ug/L | <MDL | 0.024 | 0.118 |
| 0450 | 9/15/2003 | L29488-2 | 3-Nitroaniline | | ug/L | <MDL | 0.12 | 0.472 |
| 0450 | 9/15/2003 | L29488-2 | 4,4'-DDD | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0450 | 9/15/2003 | L29488-2 | 4,4'-DDE | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0450 | 9/15/2003 | L29488-2 | 4,4'-DDT | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0450 | 9/15/2003 | L29488-2 | 4,6-Dinitro-O-Cresol | | ug/L | <MDL | 0.24 | 2.36 |
| 0450 | 9/15/2003 | L29488-2 | 4-Bromophenyl Phenyl Ether | | ug/L | <MDL | 0.047 | 0.0943 |
| 0450 | 9/15/2003 | L29488-2 | 4-Chloro-3-Methylphenol | | ug/L | <MDL | 0.24 | 0.943 |
| 0450 | 9/15/2003 | L29488-2 | 4-Chloroaniline | | ug/L | <MDL | 0.024 | 0.118 |
| 0450 | 9/15/2003 | L29488-2 | 4-Chlorophenyl Phenyl Ether | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450 | 9/15/2003 | L29488-2 | 4-Methylphenol | | ug/L | <MDL | 0.024 | 0.118 |
| 0450 | 9/15/2003 | L29488-2 | 4-Nitroaniline | | ug/L | <MDL | 0.47 | 0.943 |
| 0450 | 9/15/2003 | L29488-2 | 4-Nitrophenol | | ug/L | <MDL | 0.24 | 2.36 |
| 0450 | 9/15/2003 | L29488-2 | Acenaphthene | | ug/L | <MDL | 0.0047 | 0.00943 |
| 0450 | 9/15/2003 | L29488-2 | Acenaphthylene | | ug/L | <MDL | 0.047 | 0.0943 |
| 0450 | 9/15/2003 | L29488-2 | Aldrin | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0450 | 9/15/2003 | L29488-2 | Alpha-BHC | | ug/L | <MDL | 0.0012 | 0.00236 |
| 0450 | 9/15/2003 | L29488-2 | Alpha-Chlordane | | ug/L | <MDL | 0.0012 | 0.00236 |
| 0450 | 9/15/2003 | L29488-2 | Aluminum, Dissolved, ICP-MS | 0.0041 | mg/L | <RDL,H | 0.002 | 0.01 |
| 0450 | 9/15/2003 | L29488-2 | Aluminum, Total, ICP-MS | 0.0825 | mg/L | | 0.002 | 0.01 |
| 0450 | 9/15/2003 | L29488-2 | Ammonia Nitrogen | 0.0725 | mg/L | | 0.01 | 0.02 |
| 0450 | 9/15/2003 | L29488-2 | Aniline | | ug/L | <MDL | 0.94 | 2.36 |
| 0450 | 9/15/2003 | L29488-2 | Anthracene | | ug/L | <MDL | 0.0094 | 0.0236 |
| 0450 | 9/15/2003 | L29488-2 | Antimony, Dissolved, ICP-MS | 0.000163 | mg/L | H | 0.00001 | 0.00005 |
| 0450 | 9/15/2003 | L29488-2 | Antimony, Total, ICP-MS | 0.000161 | mg/L | H | 0.00001 | 0.00005 |
| 0450 | 9/15/2003 | L29488-2 | Aroclor 1016 | | ug/L | <MDL | 0.012 | 0.0236 |
| 0450 | 9/15/2003 | L29488-2 | Aroclor 1221 | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450 | 9/15/2003 | L29488-2 | Aroclor 1232 | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450 | 9/15/2003 | L29488-2 | Aroclor 1242 | | ug/L | <MDL | 0.012 | 0.0236 |
| 0450 | 9/15/2003 | L29488-2 | Aroclor 1248 | | ug/L | <MDL | 0.012 | 0.0236 |
| 0450 | 9/15/2003 | L29488-2 | Aroclor 1254 | | ug/L | <MDL | 0.012 | 0.0236 |
| 0450 | 9/15/2003 | L29488-2 | Aroclor 1260 | | ug/L | <MDL | 0.012 | 0.0236 |
| 0450 | 9/15/2003 | L29488-2 | Arsenic, Dissolved, ICP-MS | 0.00179 | mg/L | H | 0.0001 | 0.0005 |
| 0450 | 9/15/2003 | L29488-2 | Arsenic, Total, ICP-MS | 0.00207 | mg/L | H | 0.0001 | 0.0005 |
| 0450 | 9/15/2003 | L29488-2 | Atrazine | | ug/L | <MDL | 0.47 | 0.943 |
| 0450 | 9/15/2003 | L29488-2 | Barium, Dissolved, ICP-MS | 0.00823 | mg/L | H | 0.000025 | 0.000125 |
| 0450 | 9/15/2003 | L29488-2 | Barium, Total, ICP-MS | 0.00919 | mg/L | H | 0.000025 | 0.000125 |
| 0450 | 9/15/2003 | L29488-2 | Benzidine | | ug/L | <MDL | 0.94 | 4.72 |
| 0450 | 9/15/2003 | L29488-2 | Benzo(a)anthracene | | ug/L | <MDL | 0.0047 | 0.00943 |
| 0450 | 9/15/2003 | L29488-2 | Benzo(a)pyrene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450 | 9/15/2003 | L29488-2 | Benzo(b)fluoranthene | | ug/L | <MDL | 0.024 | 0.0472 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0450 | 9/15/2003 | L29488-2 | Benzo(g,h,i)perylene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450 | 9/15/2003 | L29488-2 | Benzo(k)fluoranthene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450 | 9/15/2003 | L29488-2 | Benzoic Acid | | ug/L | <MDL | 0.24 | 2.36 |
| 0450 | 9/15/2003 | L29488-2 | Benzyl Alcohol | | ug/L | <MDL | 0.047 | 0.236 |
| 0450 | 9/15/2003 | L29488-2 | Benzyl Butyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| 0450 | 9/15/2003 | L29488-2 | Beryllium, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.00005 | 0.00025 |
| 0450 | 9/15/2003 | L29488-2 | Beryllium, Total, ICP-MS | | mg/L | <MDL,H | 0.00005 | 0.00025 |
| 0450 | 9/15/2003 | L29488-2 | Beta-BHC | | ug/L | <MDL | 0.0012 | 0.00236 |
| 0450 | 9/15/2003 | L29488-2 | Bis(2-Chloroethoxy)Methane | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450 | 9/15/2003 | L29488-2 | Bis(2-Chloroethyl)Ether | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450 | 9/15/2003 | L29488-2 | Bis(2-Chloroisopropyl)Ether | | ug/L | <MDL | 0.0094 | 0.0236 |
| 0450 | 9/15/2003 | L29488-2 | Bis(2-ethylhexyl)adipate | | ug/L | <RDL,B | 2.2 | 0.472 |
| 0450 | 9/15/2003 | L29488-2 | Bis(2-Ethylhexyl)Phthalate | | ug/L | <RDL,B | 8.76 | 0.472 |
| 0450 | 9/15/2003 | L29488-2 | Bisphenol A | 0.43 | ug/L | <RDL | 0.12 | 0.472 |
| 0450 | 9/15/2003 | L29488-2 | Cadmium, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.00001 | 0.00005 |
| 0450 | 9/15/2003 | L29488-2 | Cadmium, Total, ICP-MS | | mg/L | <MDL,H | 0.00001 | 0.00005 |
| 0450 | 9/15/2003 | L29488-2 | Caffeine | 0.0646 | ug/L | | 0.024 | 0.0472 |
| 0450 | 9/15/2003 | L29488-2 | Calcium, Dissolved, ICP | 13.9 | mg/L | | 0.05 | 0.25 |
| 0450 | 9/15/2003 | L29488-2 | Calcium, Total, ICP | 14.3 | mg/L | | 0.05 | 0.25 |
| 0450 | 9/15/2003 | L29488-2 | Carbazole | | ug/L | <MDL | 0.0094 | 0.0236 |
| 0450 | 9/15/2003 | L29488-2 | Chlordecone (Kepone) | | ug/L | <MDL | 0.12 | 0.472 |
| 0450 | 9/15/2003 | L29488-2 | Chlorpyrifos | | ug/L | <MDL | 0.032 | 0.0474 |
| 0450 | 9/15/2003 | L29488-2 | Chromium, Dissolved, ICP-MS | 0.000395 | mg/L | H | 0.00005 | 0.00025 |
| 0450 | 9/15/2003 | L29488-2 | Chromium, Total, ICP-MS | 0.00067 | mg/L | H | 0.00005 | 0.00025 |
| 0450 | 9/15/2003 | L29488-2 | Chrysene | | ug/L | <MDL | 0.0094 | 0.0236 |
| 0450 | 9/15/2003 | L29488-2 | Cobalt, Dissolved, ICP-MS | 6.44E-05 | mg/L | H | 0.00001 | 0.00005 |
| 0450 | 9/15/2003 | L29488-2 | Cobalt, Total, ICP-MS | 0.000112 | mg/L | H | 0.00001 | 0.00005 |
| 0450 | 9/15/2003 | L29488-2 | Conductivity, Field | 185 | umhos/cm | | | |
| 0450 | 9/15/2003 | L29488-2 | Copper, Dissolved, ICP-MS | 0.000974 | mg/L | H | 0.0001 | 0.0005 |
| 0450 | 9/15/2003 | L29488-2 | Copper, Total, ICP-MS | 0.00118 | mg/L | H | 0.0001 | 0.0005 |
| 0450 | 9/15/2003 | L29488-2 | Coprostanol | | ug/L | <MDL | 1.2 | 9.43 |
| 0450 | 9/15/2003 | L29488-2 | Dalapon | | ug/L | <MDL | 0.047 | 0.16 |
| 0450 | 9/15/2003 | L29488-2 | Delta-BHC | | ug/L | <MDL | 0.0012 | 0.00236 |
| 0450 | 9/15/2003 | L29488-2 | Diazinon | | ug/L | <MDL | 0.047 | 0.236 |
| 0450 | 9/15/2003 | L29488-2 | Diazinon | | ug/L | <MDL | 0.041 | 0.0474 |
| 0450 | 9/15/2003 | L29488-2 | Dibenzo(a,h)anthracene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450 | 9/15/2003 | L29488-2 | Dibenzofuran | | ug/L | <MDL | 0.0094 | 0.0236 |
| 0450 | 9/15/2003 | L29488-2 | Dicamba | | ug/L | <MDL | 0.039 | 0.12 |
| 0450 | 9/15/2003 | L29488-2 | Dichloroprop | | ug/L | <MDL | 0.023 | 0.08 |
| 0450 | 9/15/2003 | L29488-2 | Dieldrin | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0450 | 9/15/2003 | L29488-2 | Diethyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| 0450 | 9/15/2003 | L29488-2 | Dimethyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0450 | 9/15/2003 | L29488-2 | Di-N-Butyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| 0450 | 9/15/2003 | L29488-2 | Di-N-Octyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| 0450 | 9/15/2003 | L29488-2 | Dinoseb | | ug/L | <MDL | 0.03 | 0.08 |
| 0450 | 9/15/2003 | L29488-2 | Dissolved Oxygen, Field | 7.9 | mg/L | | | |
| 0450 | 9/15/2003 | L29488-2 | Disulfoton | | ug/L | <MDL | 0.026 | 0.0474 |
| 0450 | 9/15/2003 | L29488-2 | Endosulfan I | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0450 | 9/15/2003 | L29488-2 | Endosulfan II | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0450 | 9/15/2003 | L29488-2 | Endosulfan Sulfate | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0450 | 9/15/2003 | L29488-2 | Endrin | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0450 | 9/15/2003 | L29488-2 | Endrin Aldehyde | | ug/L | <MDL | 0.0047 | 0.00943 |
| 0450 | 9/15/2003 | L29488-2 | Enterococcus | 160 | CFU/100ml | | | |
| 0450 | 9/15/2003 | L29488-2 | Escherichia coli | 360 | CFU/100ml | | | |
| 0450 | 9/15/2003 | L29488-2 | Estradiol | | ug/L | <MDL | 0.12 | 0.472 |
| 0450 | 9/15/2003 | L29488-2 | Estrone | | ug/L | <MDL | 0.12 | 0.472 |
| 0450 | 9/15/2003 | L29488-2 | Ethynyl estradiol | | ug/L | <MDL | 0.12 | 0.472 |
| 0450 | 9/15/2003 | L29488-2 | Fecal Coliform | 320 | CFU/100ml | | | |
| 0450 | 9/15/2003 | L29488-2 | Fluoranthene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450 | 9/15/2003 | L29488-2 | Fluorene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450 | 9/15/2003 | L29488-2 | Fluoride | 0.0522 | mg/L | | 0.02 | 0.04 |
| 0450 | 9/15/2003 | L29488-2 | Gamma-BHC (Lindane) | | ug/L | <MDL | 0.0012 | 0.00236 |
| 0450 | 9/15/2003 | L29488-2 | Gamma-Chlordane | | ug/L | <MDL | 0.0012 | 0.00236 |
| 0450 | 9/15/2003 | L29488-2 | Hardness, Calc | 70.9 | mg CaCO3/L | | 0.2 | 1.25 |
| 0450 | 9/15/2003 | L29488-2 | Heptachlor | | ug/L | <MDL | 0.0012 | 0.00236 |
| 0450 | 9/15/2003 | L29488-2 | Heptachlor Epoxide | | ug/L | <MDL | 0.0012 | 0.00236 |
| 0450 | 9/15/2003 | L29488-2 | Hexachlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450 | 9/15/2003 | L29488-2 | Hexachlorobutadiene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450 | 9/15/2003 | L29488-2 | Hexachlorocyclopentadiene | | ug/L | <MDL | 0.94 | 2.36 |
| 0450 | 9/15/2003 | L29488-2 | Hexachloroethane | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450 | 9/15/2003 | L29488-2 | Indeno(1,2,3-Cd)Pyrene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450 | 9/15/2003 | L29488-2 | Iron, Dissolved, ICP | 0.312 | mg/L | | 0.05 | 0.25 |
| 0450 | 9/15/2003 | L29488-2 | Iron, Total, ICP | 0.652 | mg/L | | 0.05 | 0.25 |
| 0450 | 9/15/2003 | L29488-2 | Isophorone | | ug/L | <MDL | 0.24 | 0.0472 |
| 0450 | 9/15/2003 | L29488-2 | Lead, Dissolved, ICP-MS | 0.00008 | mg/L | <RDL,H | 0.000025 | 0.000125 |
| 0450 | 9/15/2003 | L29488-2 | Lead, Total, ICP-MS | 0.000335 | mg/L | H | 0.000025 | 0.000125 |
| 0450 | 9/15/2003 | L29488-2 | Magnesium, Dissolved, ICP | 8.37 | mg/L | | 0.03 | 0.15 |
| 0450 | 9/15/2003 | L29488-2 | Magnesium, Total, ICP | 8.55 | mg/L | | 0.03 | 0.15 |
| 0450 | 9/15/2003 | L29488-2 | Malathion | | ug/L | <MDL | 0.045 | 0.0474 |
| 0450 | 9/15/2003 | L29488-2 | MCPA | | ug/L | <MDL | 0.038 | 0.12 |
| 0450 | 9/15/2003 | L29488-2 | MCPP | | ug/L | <MDL | 0.016 | 0.08 |
| 0450 | 9/15/2003 | L29488-2 | Mercury, Dissolved, CVAF | 7.71E-07 | mg/L | | 0.0000002 | 5E-07 |
| 0450 | 9/15/2003 | L29488-2 | Mercury, Total, CVAF | 1.45E-06 | mg/L | | 0.0000002 | 5E-07 |
| 0450 | 9/15/2003 | L29488-2 | Methoxychlor | | ug/L | <MDL | 0.012 | 0.0236 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0450 | 9/15/2003 | L29488-2 | Methyltestosterone | | ug/L | <MDL | 0.12 | 0.472 |
| 0450 | 9/15/2003 | L29488-2 | Molybdenum, Dissolved, ICP-MS | 0.000965 | mg/L | H | 0.00001 | 0.00005 |
| 0450 | 9/15/2003 | L29488-2 | Molybdenum, Total, ICP-MS | 0.000967 | mg/L | H | 0.00001 | 0.00005 |
| 0450 | 9/15/2003 | L29488-2 | Naphthalene | 0.0292 | ug/L | | 0.012 | 0.0236 |
| 0450 | 9/15/2003 | L29488-2 | Nickel, Dissolved, ICP-MS | 0.00111 | mg/L | H | 0.00005 | 0.00025 |
| 0450 | 9/15/2003 | L29488-2 | Nickel, Total, ICP-MS | 0.00126 | mg/L | H | 0.00005 | 0.00025 |
| 0450 | 9/15/2003 | L29488-2 | Nitrate Nitrogen | 0.41 | mg/L | | 0.02 | 0.04 |
| 0450 | 9/15/2003 | L29488-2 | Nitrite + Nitrate Nitrogen | 0.419 | mg/L | | 0.02 | 0.04 |
| 0450 | 9/15/2003 | L29488-2 | Nitrobenzene | | ug/L | <MDL | 0.047 | 0.0943 |
| 0450 | 9/15/2003 | L29488-2 | N-Nitrosodimethylamine | | ug/L | <MDL | 0.047 | 0.118 |
| 0450 | 9/15/2003 | L29488-2 | N-Nitrosodi-N-Propylamine | | ug/L | <MDL | 0.047 | 0.0943 |
| 0450 | 9/15/2003 | L29488-2 | N-Nitrosodiphenylamine | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450 | 9/15/2003 | L29488-2 | Ortho Phosphorus | 0.0245 | mg/L | | 0.002 | 0.005 |
| 0450 | 9/15/2003 | L29488-2 | Parathion-Ethyl | | ug/L | <MDL | 0.043 | 0.0474 |
| 0450 | 9/15/2003 | L29488-2 | Parathion-Methyl | | ug/L | <MDL | 0.034 | 0.0474 |
| 0450 | 9/15/2003 | L29488-2 | Pentachlorophenol | | ug/L | <MDL | 0.47 | 4.72 |
| 0450 | 9/15/2003 | L29488-2 | pH, Field | 6.9 | pH | | | |
| 0450 | 9/15/2003 | L29488-2 | Phenanthrene | | ug/L | <MDL | 0.0094 | 0.0236 |
| 0450 | 9/15/2003 | L29488-2 | Phenol | | ug/L | <MDL | 0.047 | 0.0943 |
| 0450 | 9/15/2003 | L29488-2 | Phorate | | ug/L | <MDL | 0.031 | 0.0474 |
| 0450 | 9/15/2003 | L29488-2 | Progesterone | | ug/L | <MDL | 0.12 | 0.472 |
| 0450 | 9/15/2003 | L29488-2 | Pyrene | 0.014 | ug/L | <RDL | 0.0094 | 0.0236 |
| 0450 | 9/15/2003 | L29488-2 | Pyridine | | ug/L | <MDL | 0.94 | 2.36 |
| 0450 | 9/15/2003 | L29488-2 | Sample Start Time | 920 | hr | | | |
| 0450 | 9/15/2003 | L29488-2 | Sample Temperature, Field | 15.3 | deg C | | | |
| 0450 | 9/15/2003 | L29488-2 | Selenium, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.0005 | 0.0025 |
| 0450 | 9/15/2003 | L29488-2 | Selenium, Total, ICP-MS | | mg/L | <MDL,H | 0.0005 | 0.0025 |
| 0450 | 9/15/2003 | L29488-2 | Silver, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.000025 | 0.000125 |
| 0450 | 9/15/2003 | L29488-2 | Silver, Total, ICP-MS | | mg/L | <MDL,H | 0.000025 | 0.000125 |
| 0450 | 9/15/2003 | L29488-2 | Simazine | | ug/L | <MDL | 0.47 | 0.943 |
| 0450 | 9/15/2003 | L29488-2 | Testosterone | | ug/L | <MDL | 0.12 | 0.472 |
| 0450 | 9/15/2003 | L29488-2 | Thallium, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.00001 | 0.00005 |
| 0450 | 9/15/2003 | L29488-2 | Thallium, Total, ICP-MS | | mg/L | <MDL,H | 0.00001 | 0.00005 |
| 0450 | 9/15/2003 | L29488-2 | Total 4-Nonylphenol | | ug/L | <MDL | 0.12 | 0.472 |
| 0450 | 9/15/2003 | L29488-2 | Total Suspended Solids | 4.2 | mg/L | | 0.5 | 1 |
| 0450 | 9/15/2003 | L29488-2 | Toxaphene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450 | 9/15/2003 | L29488-2 | Vanadium, Dissolved, ICP-MS | 0.00093 | mg/L | H | 0.000025 | 0.000125 |
| 0450 | 9/15/2003 | L29488-2 | Vanadium, Total, ICP-MS | 0.00129 | mg/L | H | 0.000025 | 0.000125 |
| 0450 | 9/15/2003 | L29488-2 | Vinclozolin | | ug/L | <MDL | 0.12 | 0.472 |
| 0450 | 9/15/2003 | L29488-2 | Zinc, Dissolved, ICP-MS | 0.000939 | mg/L | H | 0.00015 | 0.00075 |
| 0450 | 9/15/2003 | L29488-2 | Zinc, Total, ICP-MS | 0.0017 | mg/L | H | 0.00015 | 0.00075 |
| 0450A | 9/5/2001 | L21953-1 | 1,2,4-Trichlorobenzene | | ug/L | <MDL,G | 0.0047 | 0.00946 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0450A | 9/5/2001 | L21953-1 | 1,2-Dichlorobenzene | | ug/L | <MDL,G | 0.0047 | 0.00946 |
| 0450A | 9/5/2001 | L21953-1 | 1,2-Diphenylhydrazine | | ug/L | <MDL | 0.18 | 0.357 |
| 0450A | 9/5/2001 | L21953-1 | 1,3-Dichlorobenzene | | ug/L | <MDL,G | 0.0047 | 0.00946 |
| 0450A | 9/5/2001 | L21953-1 | 1,4-Dichlorobenzene | | ug/L | <MDL,G | 0.0024 | 0.00471 |
| 0450A | 9/5/2001 | L21953-1 | 2,4,5-T | | ug/L | <MDL | 0.057 | 0.16 |
| 0450A | 9/5/2001 | L21953-1 | 2,4,5-TP (Silvex) | 0.064 | ug/L | <RDL | 0.023 | 0.08 |
| 0450A | 9/5/2001 | L21953-1 | 2,4,5-Trichlorophenol | | ug/L | <MDL | 0.21 | 0.429 |
| 0450A | 9/5/2001 | L21953-1 | 2,4,6-Trichlorophenol | | ug/L | <MDL | 0.23 | 0.464 |
| 0450A | 9/5/2001 | L21953-1 | 2,4-D | | ug/L | <MDL | 0.03 | 0.08 |
| 0450A | 9/5/2001 | L21953-1 | 2,4-DB | | ug/L | <MDL | 0.058 | 0.16 |
| 0450A | 9/5/2001 | L21953-1 | 2,4-Dichlorophenol | | ug/L | <MDL | 0.29 | 0.571 |
| 0450A | 9/5/2001 | L21953-1 | 2,4-Dimethylphenol | | ug/L | <MDL,G | 0.13 | 0.25 |
| 0450A | 9/5/2001 | L21953-1 | 2,4-Dinitrophenol | | ug/L | <MDL | 0.24 | 0.476 |
| 0450A | 9/5/2001 | L21953-1 | 2,4-Dinitrotoluene | | ug/L | <MDL | 0.054 | 0.107 |
| 0450A | 9/5/2001 | L21953-1 | 2,6-Dinitrotoluene | | ug/L | <MDL | 0.18 | 0.357 |
| 0450A | 9/5/2001 | L21953-1 | 2-Chloronaphthalene | | ug/L | <MDL,G | 0.29 | 0.571 |
| 0450A | 9/5/2001 | L21953-1 | 2-Chlorophenol | | ug/L | <MDL | 0.14 | 0.286 |
| 0450A | 9/5/2001 | L21953-1 | 2-Methylnaphthalene | | ug/L | <MDL,G | 0.25 | 0.5 |
| 0450A | 9/5/2001 | L21953-1 | 2-Methylphenol | | ug/L | <MDL | 0.34 | 0.679 |
| 0450A | 9/5/2001 | L21953-1 | 2-Nitroaniline | | ug/L | <MDL | 0.12 | 0.238 |
| 0450A | 9/5/2001 | L21953-1 | 2-Nitrophenol | | ug/L | <MDL | 0.27 | 0.536 |
| 0450A | 9/5/2001 | L21953-1 | 3,3'-Dichlorobenzidine | | ug/L | <MDL | 0.048 | 0.0952 |
| 0450A | 9/5/2001 | L21953-1 | 3-Methylphenol | | ug/L | <MDL,G | 0.048 | 0.0952 |
| 0450A | 9/5/2001 | L21953-1 | 3-Nitroaniline | | ug/L | <MDL | 0.12 | 0.238 |
| 0450A | 9/5/2001 | L21953-1 | 4,4'-DDD | | ug/L | <MDL | 0.0024 | 0.00485 |
| 0450A | 9/5/2001 | L21953-1 | 4,4'-DDE | | ug/L | <MDL | 0.0024 | 0.00485 |
| 0450A | 9/5/2001 | L21953-1 | 4,4'-DDT | | ug/L | <MDL | 0.0024 | 0.00485 |
| 0450A | 9/5/2001 | L21953-1 | 4,6-Dinitro-O-Cresol | | ug/L | <MDL | 0.24 | 0.476 |
| 0450A | 9/5/2001 | L21953-1 | 4-Bromophenyl Phenyl Ether | | ug/L | <MDL | 0.16 | 0.321 |
| 0450A | 9/5/2001 | L21953-1 | 4-Chloro-3-Methylphenol | | ug/L | <MDL | 0.048 | 0.0952 |
| 0450A | 9/5/2001 | L21953-1 | 4-Chloroaniline | | ug/L | <MDL,G | 0.048 | 0.0952 |
| 0450A | 9/5/2001 | L21953-1 | 4-Chlorophenyl Phenyl Ether | | ug/L | <MDL,G | 0.23 | 0.464 |
| 0450A | 9/5/2001 | L21953-1 | 4-Methylphenol | | ug/L | <MDL | 0.29 | 0.571 |
| 0450A | 9/5/2001 | L21953-1 | 4-Nitroaniline | | ug/L | <MDL | 0.24 | 0.476 |
| 0450A | 9/5/2001 | L21953-1 | 4-Nitrophenol | | ug/L | <MDL | 0.24 | 0.476 |
| 0450A | 9/5/2001 | L21953-1 | Acenaphthene | | ug/L | <MDL,G | 0.13 | 0.25 |
| 0450A | 9/5/2001 | L21953-1 | Acenaphthylene | | ug/L | <MDL,G | 0.27 | 0.536 |
| 0450A | 9/5/2001 | L21953-1 | Aldrin | | ug/L | <MDL | 0.0024 | 0.00485 |
| 0450A | 9/5/2001 | L21953-1 | Alpha-BHC | | ug/L | <MDL | 0.0024 | 0.00485 |
| 0450A | 9/5/2001 | L21953-1 | Aluminum, Dissolved, ICP-MS | 0.0064 | mg/L | <RDL | 0.002 | 0.01 |
| 0450A | 9/5/2001 | L21953-1 | Aluminum, Total, ICP-MS | 0.0782 | mg/L | | 0.002 | 0.01 |
| 0450A | 9/5/2001 | L21953-1 | Ammonia Nitrogen | 0.0438 | mg/L | | 0.01 | 0.02 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0450A | 9/5/2001 | L21953-1 | Aniline | | ug/L | <MDL,G | 0.34 | 0.679 |
| 0450A | 9/5/2001 | L21953-1 | Anthracene | | ug/L | <MDL | 0.071 | 0.143 |
| 0450A | 9/5/2001 | L21953-1 | Antimony, Dissolved, ICP-MS | 7.71E-05 | mg/L | | 0.00001 | 0.00005 |
| 0450A | 9/5/2001 | L21953-1 | Antimony, Total, ICP-MS | 8.25E-05 | mg/L | | 0.00001 | 0.00005 |
| 0450A | 9/5/2001 | L21953-1 | Aroclor 1016 | | ug/L | <MDL | 0.024 | 0.0485 |
| 0450A | 9/5/2001 | L21953-1 | Aroclor 1221 | | ug/L | <MDL | 0.024 | 0.0485 |
| 0450A | 9/5/2001 | L21953-1 | Aroclor 1232 | | ug/L | <MDL | 0.024 | 0.0485 |
| 0450A | 9/5/2001 | L21953-1 | Aroclor 1242 | | ug/L | <MDL | 0.024 | 0.0485 |
| 0450A | 9/5/2001 | L21953-1 | Aroclor 1248 | | ug/L | <MDL | 0.024 | 0.0485 |
| 0450A | 9/5/2001 | L21953-1 | Aroclor 1254 | | ug/L | <MDL | 0.024 | 0.0485 |
| 0450A | 9/5/2001 | L21953-1 | Aroclor 1260 | | ug/L | <MDL | 0.024 | 0.0485 |
| 0450A | 9/5/2001 | L21953-1 | Arsenic, Dissolved, ICP-MS | 0.00176 | mg/L | | 0.0001 | 0.0005 |
| 0450A | 9/5/2001 | L21953-1 | Arsenic, Total, ICP-MS | 0.0021 | mg/L | | 0.0001 | 0.0005 |
| 0450A | 9/5/2001 | L21953-1 | Barium, Dissolved, ICP-MS | 0.0079 | mg/L | | 0.000025 | 0.000125 |
| 0450A | 9/5/2001 | L21953-1 | Barium, Total, ICP-MS | 0.00967 | mg/L | | 0.0002 | 0.001 |
| 0450A | 9/5/2001 | L21953-1 | Benzo(a)anthracene | | ug/L | <MDL | 0.036 | 0.0714 |
| 0450A | 9/5/2001 | L21953-1 | Benzo(a)pyrene | | ug/L | <MDL | 0.054 | 0.107 |
| 0450A | 9/5/2001 | L21953-1 | Benzo(b)fluoranthene | | ug/L | <MDL | 0.054 | 0.107 |
| 0450A | 9/5/2001 | L21953-1 | Benzo(g,h,i)perylene | | ug/L | <MDL | 0.14 | 0.286 |
| 0450A | 9/5/2001 | L21953-1 | Benzo(k)fluoranthene | | ug/L | <MDL | 0.054 | 0.107 |
| 0450A | 9/5/2001 | L21953-1 | Benzoic Acid | | ug/L | <MDL,G | 0.11 | 0.214 |
| 0450A | 9/5/2001 | L21953-1 | Benzyl Alcohol | | ug/L | <MDL | 0.11 | 0.214 |
| 0450A | 9/5/2001 | L21953-1 | Benzyl Butyl Phthalate | | ug/L | <RDL,B | 1.1 | 0.214 |
| 0450A | 9/5/2001 | L21953-1 | Beryllium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| 0450A | 9/5/2001 | L21953-1 | Beryllium, Total, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| 0450A | 9/5/2001 | L21953-1 | Beta-BHC | | ug/L | <MDL | 0.0024 | 0.00485 |
| 0450A | 9/5/2001 | L21953-1 | Bis(2-Chloroethoxy)Methane | | ug/L | <MDL | 0.3 | 0.607 |
| 0450A | 9/5/2001 | L21953-1 | Bis(2-Chloroethyl)Ether | | ug/L | <MDL | 0.27 | 0.536 |
| 0450A | 9/5/2001 | L21953-1 | Bis(2-Chloroisopropyl)Ether | | ug/L | <MDL | 0.27 | 0.536 |
| 0450A | 9/5/2001 | L21953-1 | Bis(2-Ethylhexyl)Phthalate | | ug/L | B,L | 7.05 | 0.25 |
| 0450A | 9/5/2001 | L21953-1 | Cadmium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| 0450A | 9/5/2001 | L21953-1 | Cadmium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| 0450A | 9/5/2001 | L21953-1 | Caffeine | 0.14 | ug/L | <RDL | 0.11 | 0.214 |
| 0450A | 9/5/2001 | L21953-1 | Calcium, Dissolved, ICP | 13.9 | mg/L | | 0.05 | 0.25 |
| 0450A | 9/5/2001 | L21953-1 | Calcium, Total, ICP | 14 | mg/L | | 0.05 | 0.25 |
| 0450A | 9/5/2001 | L21953-1 | Carbazole | | ug/L | <MDL | 0.13 | 0.25 |
| 0450A | 9/5/2001 | L21953-1 | Chlordane | | ug/L | <MDL | 0.012 | 0.0243 |
| 0450A | 9/5/2001 | L21953-1 | Chlorpyrifos | | ug/L | <MDL | 0.032 | 0.0476 |
| 0450A | 9/5/2001 | L21953-1 | Chromium, Dissolved, ICP-MS | 0.000366 | mg/L | | 0.00005 | 0.00025 |
| 0450A | 9/5/2001 | L21953-1 | Chromium, Total, ICP-MS | 0.000546 | mg/L | | 0.00005 | 0.00025 |
| 0450A | 9/5/2001 | L21953-1 | Chrysene | | ug/L | <MDL | 0.071 | 0.143 |
| 0450A | 9/5/2001 | L21953-1 | Cobalt, Dissolved, ICP-MS | 8.58E-05 | mg/L | | 0.00001 | 0.00005 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0450A | 9/5/2001 | L21953-1 | Cobalt, Total, ICP-MS | 0.000126 | mg/L | | 0.00001 | 0.00005 |
| 0450A | 9/5/2001 | L21953-1 | Copper, Dissolved, ICP-MS | 0.000549 | mg/L | | 0.0001 | 0.0005 |
| 0450A | 9/5/2001 | L21953-1 | Copper, Total, ICP-MS | 0.000727 | mg/L | | 0.0001 | 0.0005 |
| 0450A | 9/5/2001 | L21953-1 | Coprostanol | | ug/L | <MDL,G | 0.25 | 0.5 |
| 0450A | 9/5/2001 | L21953-1 | Dalapon | | ug/L | <MDL | 0.012 | 0.08 |
| 0450A | 9/5/2001 | L21953-1 | Delta-BHC | | ug/L | <MDL | 0.0024 | 0.00485 |
| 0450A | 9/5/2001 | L21953-1 | Diazinon | | ug/L | <MDL | 0.041 | 0.0476 |
| 0450A | 9/5/2001 | L21953-1 | Dibenzo(a,h)anthracene | | ug/L | <MDL | 0.13 | 0.25 |
| 0450A | 9/5/2001 | L21953-1 | Dibenzofuran | | ug/L | <MDL,G | 0.25 | 0.5 |
| 0450A | 9/5/2001 | L21953-1 | Dicamba | | ug/L | <MDL | 0.022 | 0.08 |
| 0450A | 9/5/2001 | L21953-1 | Dichloroprop | | ug/L | <MDL | 0.011 | 0.08 |
| 0450A | 9/5/2001 | L21953-1 | Dieldrin | | ug/L | <MDL | 0.0024 | 0.00485 |
| 0450A | 9/5/2001 | L21953-1 | Diethyl Phthalate | | ug/L | <MDL | 0.11 | 0.214 |
| 0450A | 9/5/2001 | L21953-1 | Dimethyl Phthalate | | ug/L | <MDL | 0.2 | 0.393 |
| 0450A | 9/5/2001 | L21953-1 | Di-N-Butyl Phthalate | | ug/L | <RDL,B,L | 1.2 | 0.179 |
| 0450A | 9/5/2001 | L21953-1 | Di-N-Octyl Phthalate | | ug/L | <MDL | 0.14 | 0.286 |
| 0450A | 9/5/2001 | L21953-1 | Dinoseb | | ug/L | <MDL | 0.029 | 0.08 |
| 0450A | 9/5/2001 | L21953-1 | Disulfoton | | ug/L | <MDL | 0.026 | 0.0476 |
| 0450A | 9/5/2001 | L21953-1 | Endosulfan I | | ug/L | <MDL | 0.0024 | 0.00485 |
| 0450A | 9/5/2001 | L21953-1 | Endosulfan II | | ug/L | <MDL | 0.0024 | 0.00485 |
| 0450A | 9/5/2001 | L21953-1 | Endosulfan Sulfate | | ug/L | <MDL | 0.0024 | 0.00485 |
| 0450A | 9/5/2001 | L21953-1 | Endrin | | ug/L | <MDL | 0.0024 | 0.00485 |
| 0450A | 9/5/2001 | L21953-1 | Endrin Aldehyde | | ug/L | <MDL | 0.0024 | 0.00485 |
| 0450A | 9/5/2001 | L21953-1 | Enterococcus | 46 | CFU/100ml | | | |
| 0450A | 9/5/2001 | L21953-1 | Escherichia coli | 210 | CFU/100ml | | | |
| 0450A | 9/5/2001 | L21953-1 | Fecal Coliform | 280 | CFU/100ml | | | |
| 0450A | 9/5/2001 | L21953-1 | Fluoranthene | | ug/L | <MDL | 0.14 | 0.286 |
| 0450A | 9/5/2001 | L21953-1 | Fluorene | | ug/L | <MDL | 0.23 | 0.464 |
| 0450A | 9/5/2001 | L21953-1 | Fluoride | | mg/L | <MDL | 0.05 | 0.1 |
| 0450A | 9/5/2001 | L21953-1 | Gamma-BHC (Lindane) | | ug/L | <MDL | 0.0024 | 0.00485 |
| 0450A | 9/5/2001 | L21953-1 | Hardness, Calc | 66.5 | mg CaCO3/L | | 0.2 | 1.25 |
| 0450A | 9/5/2001 | L21953-1 | Heptachlor | | ug/L | <MDL | 0.0024 | 0.00485 |
| 0450A | 9/5/2001 | L21953-1 | Heptachlor Epoxide | | ug/L | <MDL | 0.0024 | 0.00485 |
| 0450A | 9/5/2001 | L21953-1 | Hexachlorobenzene | | ug/L | <MDL | 0.012 | 0.0238 |
| 0450A | 9/5/2001 | L21953-1 | Hexachlorobutadiene | | ug/L | <MDL,G | 0.013 | 0.0268 |
| 0450A | 9/5/2001 | L21953-1 | Hexachlorocyclopentadiene | | ug/L | <MDL,G | 0.12 | 0.238 |
| 0450A | 9/5/2001 | L21953-1 | Hexachloroethane | | ug/L | <MDL,G | 0.27 | 0.536 |
| 0450A | 9/5/2001 | L21953-1 | Indeno(1,2,3-Cd)Pyrene | | ug/L | <MDL | 0.16 | 0.321 |
| 0450A | 9/5/2001 | L21953-1 | Iron, Dissolved, ICP | 0.453 | mg/L | | 0.05 | 0.25 |
| 0450A | 9/5/2001 | L21953-1 | Iron, Total, ICP | 0.787 | mg/L | | 0.05 | 0.25 |
| 0450A | 9/5/2001 | L21953-1 | Isophorone | | ug/L | <MDL | 0.34 | 0.679 |
| 0450A | 9/5/2001 | L21953-1 | Lead, Dissolved, ICP-MS | 0.000051 | mg/L | <RDL | 0.000025 | 0.000125 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0450A | 9/5/2001 | L21953-1 | Lead, Total, ICP-MS | 0.000187 | mg/L | | 0.000025 | 0.000125 |
| 0450A | 9/5/2001 | L21953-1 | Magnesium, Dissolved, ICP | 7.61 | mg/L | | 0.03 | 0.15 |
| 0450A | 9/5/2001 | L21953-1 | Magnesium, Total, ICP | 7.65 | mg/L | | 0.03 | 0.15 |
| 0450A | 9/5/2001 | L21953-1 | Malathion | | ug/L | <MDL | 0.046 | 0.0476 |
| 0450A | 9/5/2001 | L21953-1 | MCPA | | ug/L | <MDL | 0.011 | 0.08 |
| 0450A | 9/5/2001 | L21953-1 | MCPP | | ug/L | <MDL | 0.013 | 0.08 |
| 0450A | 9/5/2001 | L21953-1 | Mercury, Dissolved, CVAF | 7.64E-07 | mg/L | | 0.0000001 | 5E-07 |
| 0450A | 9/5/2001 | L21953-1 | Mercury, Total, CVAF | 4.15E-06 | mg/L | | 0.0000001 | 5E-07 |
| 0450A | 9/5/2001 | L21953-1 | Methoxychlor | | ug/L | <MDL | 0.012 | 0.0243 |
| 0450A | 9/5/2001 | L21953-1 | Molybdenum, Dissolved, ICP-MS | 0.000354 | mg/L | | 0.00001 | 0.00005 |
| 0450A | 9/5/2001 | L21953-1 | Molybdenum, Total, ICP-MS | 0.000377 | mg/L | | 0.00001 | 0.00005 |
| 0450A | 9/5/2001 | L21953-1 | Naphthalene | | ug/L | <MDL,G | 0.25 | 0.5 |
| 0450A | 9/5/2001 | L21953-1 | Nickel, Dissolved, ICP-MS | 0.0011 | mg/L | | 0.00005 | 0.00025 |
| 0450A | 9/5/2001 | L21953-1 | Nickel, Total, ICP-MS | 0.00126 | mg/L | | 0.00005 | 0.00025 |
| 0450A | 9/5/2001 | L21953-1 | Nitrate Nitrogen | 0.32 | mg/L | | 0.02 | 0.04 |
| 0450A | 9/5/2001 | L21953-1 | Nitrite + Nitrate Nitrogen | 0.32 | mg/L | | 0.02 | 0.04 |
| 0450A | 9/5/2001 | L21953-1 | Nitrobenzene | | ug/L | <MDL,G | 0.29 | 0.571 |
| 0450A | 9/5/2001 | L21953-1 | N-Nitrosodimethylamine | | ug/L | <MDL | 0.36 | 0.714 |
| 0450A | 9/5/2001 | L21953-1 | N-Nitrosodi-N-Propylamine | | ug/L | <MDL | 0.16 | 0.321 |
| 0450A | 9/5/2001 | L21953-1 | N-Nitrosodiphenylamine | | ug/L | <MDL | 0.36 | 0.714 |
| 0450A | 9/5/2001 | L21953-1 | Ortho Phosphorus | 0.0229 | mg/L | | 0.002 | 0.005 |
| 0450A | 9/5/2001 | L21953-1 | Parathion-Ethyl | | ug/L | <MDL | 0.043 | 0.0476 |
| 0450A | 9/5/2001 | L21953-1 | Parathion-Methyl | | ug/L | <MDL | 0.034 | 0.0476 |
| 0450A | 9/5/2001 | L21953-1 | Pentachlorophenol | | ug/L | <MDL | 0.089 | 0.179 |
| 0450A | 9/5/2001 | L21953-1 | Phenanthrene | | ug/L | <MDL | 0.071 | 0.143 |
| 0450A | 9/5/2001 | L21953-1 | Phenol | | ug/L | <MDL | 0.16 | 0.321 |
| 0450A | 9/5/2001 | L21953-1 | Phorate | | ug/L | <MDL | 0.031 | 0.0476 |
| 0450A | 9/5/2001 | L21953-1 | Pyrene | | ug/L | <MDL | 0.071 | 0.143 |
| 0450A | 9/5/2001 | L21953-1 | Pyridine | | ug/L | <MDL,G | 0.48 | 0.952 |
| 0450A | 9/5/2001 | L21953-1 | Sample Start Time | 955 | hr | | | |
| 0450A | 9/5/2001 | L21953-1 | Selenium, Dissolved, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| 0450A | 9/5/2001 | L21953-1 | Selenium, Total, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| 0450A | 9/5/2001 | L21953-1 | Silver, Dissolved, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| 0450A | 9/5/2001 | L21953-1 | Silver, Total, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| 0450A | 9/5/2001 | L21953-1 | Thallium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| 0450A | 9/5/2001 | L21953-1 | Thallium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| 0450A | 9/5/2001 | L21953-1 | Total Suspended Solids | 2.77 | mg/L | | 0.5 | 1 |
| 0450A | 9/5/2001 | L21953-1 | Toxaphene | | ug/L | <MDL | 0.024 | 0.0485 |
| 0450A | 9/5/2001 | L21953-1 | Vanadium, Dissolved, ICP-MS | 0.001 | mg/L | | 0.000025 | 0.000125 |
| 0450A | 9/5/2001 | L21953-1 | Vanadium, Total, ICP-MS | 0.00132 | mg/L | | 0.000025 | 0.000125 |
| 0450A | 9/5/2001 | L21953-1 | Zinc, Dissolved, ICP-MS | | mg/L | B | 0.00255 | 0.00075 |
| 0450A | 9/5/2001 | L21953-1 | Zinc, Total, ICP-MS | 0.00155 | mg/L | | 0.00015 | 0.00075 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0450A | 10/7/2002 | L25875-1 | 1,2,4-Trichlorobenzene | | ug/L | <MDL | 0.024 | 0.0485 |
| 0450A | 10/7/2002 | L25875-1 | 1,2-Dichlorobenzene | | ug/L | <MDL | 0.0049 | 0.00971 |
| 0450A | 10/7/2002 | L25875-1 | 1,2-Diphenylhydrazine | | ug/L | <MDL | 0.049 | 0.0971 |
| 0450A | 10/7/2002 | L25875-1 | 1,3-Dichlorobenzene | | ug/L | <MDL | 0.0049 | 0.00971 |
| 0450A | 10/7/2002 | L25875-1 | 1,4-Dichlorobenzene | | ug/L | <MDL | 0.0049 | 0.00971 |
| 0450A | 10/7/2002 | L25875-1 | 2,4,5-T | | ug/L | <MDL | 0.048 | 0.16 |
| 0450A | 10/7/2002 | L25875-1 | 2,4,5-TP (Silvex) | | ug/L | <MDL | 0.016 | 0.08 |
| 0450A | 10/7/2002 | L25875-1 | 2,4,5-Trichlorophenol | | ug/L | <MDL | 0.049 | 0.243 |
| 0450A | 10/7/2002 | L25875-1 | 2,4,6-Trichlorophenol | | ug/L | <MDL | 0.049 | 0.243 |
| 0450A | 10/7/2002 | L25875-1 | 2,4-D | | ug/L | <MDL | 0.038 | 0.12 |
| 0450A | 10/7/2002 | L25875-1 | 2,4-DB | | ug/L | <MDL | 0.043 | 0.12 |
| 0450A | 10/7/2002 | L25875-1 | 2,4-Dichlorophenol | | ug/L | <MDL | 0.024 | 0.243 |
| 0450A | 10/7/2002 | L25875-1 | 2,4-Dimethylphenol | | ug/L | <MDL | 0.024 | 0.243 |
| 0450A | 10/7/2002 | L25875-1 | 2,4-Dinitrophenol | | ug/L | <MDL | 0.24 | 2.43 |
| 0450A | 10/7/2002 | L25875-1 | 2,4-Dinitrotoluene | | ug/L | <MDL | 0.49 | 0.971 |
| 0450A | 10/7/2002 | L25875-1 | 2,6-Dinitrotoluene | | ug/L | <MDL | 0.49 | 0.971 |
| 0450A | 10/7/2002 | L25875-1 | 2-Chloronaphthalene | | ug/L | <MDL | 0.0097 | 0.0243 |
| 0450A | 10/7/2002 | L25875-1 | 2-Chlorophenol | | ug/L | <MDL | 0.0097 | 0.0243 |
| 0450A | 10/7/2002 | L25875-1 | 2-Methylnaphthalene | | ug/L | <MDL | 0.024 | 0.0485 |
| 0450A | 10/7/2002 | L25875-1 | 2-Methylphenol | | ug/L | <MDL | 0.024 | 0.121 |
| 0450A | 10/7/2002 | L25875-1 | 2-Nitroaniline | | ug/L | <MDL | 0.49 | 0.971 |
| 0450A | 10/7/2002 | L25875-1 | 2-Nitrophenol | | ug/L | <MDL | 0.049 | 0.243 |
| 0450A | 10/7/2002 | L25875-1 | 3,3'-Dichlorobenzidine | | ug/L | <MDL | 0.049 | 0.0971 |
| 0450A | 10/7/2002 | L25875-1 | 3-Methylphenol | | ug/L | <MDL | 0.024 | 0.121 |
| 0450A | 10/7/2002 | L25875-1 | 3-Nitroaniline | | ug/L | <MDL | 0.12 | 0.485 |
| 0450A | 10/7/2002 | L25875-1 | 4,4'-DDD | | ug/L | <MDL | 0.0013 | 0.00256 |
| 0450A | 10/7/2002 | L25875-1 | 4,4'-DDE | | ug/L | <MDL | 0.0013 | 0.00256 |
| 0450A | 10/7/2002 | L25875-1 | 4,4'-DDT | | ug/L | <MDL | 0.0013 | 0.00256 |
| 0450A | 10/7/2002 | L25875-1 | 4,6-Dinitro-O-Cresol | | ug/L | <MDL | 0.24 | 2.43 |
| 0450A | 10/7/2002 | L25875-1 | 4-Bromophenyl Phenyl Ether | | ug/L | <MDL | 0.049 | 0.0971 |
| 0450A | 10/7/2002 | L25875-1 | 4-Chloro-3-Methylphenol | | ug/L | <MDL | 0.049 | 0.243 |
| 0450A | 10/7/2002 | L25875-1 | 4-Chloroaniline | | ug/L | <MDL | 0.024 | 0.121 |
| 0450A | 10/7/2002 | L25875-1 | 4-Chlorophenyl Phenyl Ether | | ug/L | <MDL | 0.024 | 0.0485 |
| 0450A | 10/7/2002 | L25875-1 | 4-Methylphenol | | ug/L | <MDL | 0.024 | 0.121 |
| 0450A | 10/7/2002 | L25875-1 | 4-Nitroaniline | | ug/L | <MDL | 0.49 | 0.971 |
| 0450A | 10/7/2002 | L25875-1 | 4-Nitrophenol | | ug/L | <MDL | 0.24 | 2.43 |
| 0450A | 10/7/2002 | L25875-1 | Acenaphthene | | ug/L | <MDL | 0.0049 | 0.00971 |
| 0450A | 10/7/2002 | L25875-1 | Acenaphthylene | | ug/L | <MDL | 0.049 | 0.0971 |
| 0450A | 10/7/2002 | L25875-1 | Aldrin | | ug/L | <MDL | 0.0013 | 0.00256 |
| 0450A | 10/7/2002 | L25875-1 | Alpha-BHC | | ug/L | <MDL | 0.00064 | 0.00128 |
| 0450A | 10/7/2002 | L25875-1 | Alpha-Chlordane | | ug/L | <MDL | 0.00064 | 0.00128 |
| 0450A | 10/7/2002 | L25875-1 | Aluminum, Dissolved, ICP-MS | 0.0073 | mg/L | <RDL | 0.002 | 0.01 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0450A | 10/7/2002 | L25875-1 | Aluminum, Total, ICP-MS | 0.0676 | mg/L | | 0.002 | 0.01 |
| 0450A | 10/7/2002 | L25875-1 | Ammonia Nitrogen | 0.0713 | mg/L | | 0.01 | 0.02 |
| 0450A | 10/7/2002 | L25875-1 | Aniline | | ug/L | <MDL | 0.049 | 0.0971 |
| 0450A | 10/7/2002 | L25875-1 | Anthracene | | ug/L | <MDL | 0.0097 | 0.0243 |
| 0450A | 10/7/2002 | L25875-1 | Antimony, Dissolved, ICP-MS | 8.43E-05 | mg/L | | 0.00001 | 0.00005 |
| 0450A | 10/7/2002 | L25875-1 | Antimony, Total, ICP-MS | 8.86E-05 | mg/L | | 0.00001 | 0.00005 |
| 0450A | 10/7/2002 | L25875-1 | Aroclor 1016 | | ug/L | <MDL | 0.0064 | 0.0128 |
| 0450A | 10/7/2002 | L25875-1 | Aroclor 1221 | | ug/L | <MDL | 0.013 | 0.0256 |
| 0450A | 10/7/2002 | L25875-1 | Aroclor 1232 | | ug/L | <MDL | 0.013 | 0.0256 |
| 0450A | 10/7/2002 | L25875-1 | Aroclor 1242 | | ug/L | <MDL | 0.0064 | 0.0128 |
| 0450A | 10/7/2002 | L25875-1 | Aroclor 1248 | | ug/L | <MDL | 0.0064 | 0.0128 |
| 0450A | 10/7/2002 | L25875-1 | Aroclor 1254 | | ug/L | <MDL | 0.0064 | 0.0128 |
| 0450A | 10/7/2002 | L25875-1 | Aroclor 1260 | | ug/L | <MDL | 0.0064 | 0.0128 |
| 0450A | 10/7/2002 | L25875-1 | Arsenic, Dissolved, ICP-MS | 0.00157 | mg/L | | 0.0001 | 0.0005 |
| 0450A | 10/7/2002 | L25875-1 | Arsenic, Total, ICP-MS | 0.00181 | mg/L | | 0.0001 | 0.0005 |
| 0450A | 10/7/2002 | L25875-1 | Atrazine | | ug/L | <MDL | 0.049 | 0.243 |
| 0450A | 10/7/2002 | L25875-1 | Barium, Dissolved, ICP-MS | 0.0088 | mg/L | | 0.0002 | 0.001 |
| 0450A | 10/7/2002 | L25875-1 | Barium, Total, ICP-MS | 0.00975 | mg/L | | 0.0002 | 0.001 |
| 0450A | 10/7/2002 | L25875-1 | Benzidine | | ug/L | <MDL | 0.49 | 4.85 |
| 0450A | 10/7/2002 | L25875-1 | Benzo(a)anthracene | | ug/L | <MDL | 0.0049 | 0.00971 |
| 0450A | 10/7/2002 | L25875-1 | Benzo(a)pyrene | | ug/L | <MDL | 0.024 | 0.0485 |
| 0450A | 10/7/2002 | L25875-1 | Benzo(b)fluoranthene | | ug/L | <MDL | 0.024 | 0.0485 |
| 0450A | 10/7/2002 | L25875-1 | Benzo(g,h,i)perylene | | ug/L | <MDL | 0.024 | 0.0485 |
| 0450A | 10/7/2002 | L25875-1 | Benzo(k)fluoranthene | | ug/L | <MDL | 0.024 | 0.0485 |
| 0450A | 10/7/2002 | L25875-1 | Benzoic Acid | | ug/L | <MDL | 0.24 | 2.43 |
| 0450A | 10/7/2002 | L25875-1 | Benzyl Alcohol | | ug/L | <MDL | 0.049 | 0.243 |
| 0450A | 10/7/2002 | L25875-1 | Benzyl Butyl Phthalate | | ug/L | <RDL,B | 1.55 | 0.485 |
| 0450A | 10/7/2002 | L25875-1 | Beryllium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| 0450A | 10/7/2002 | L25875-1 | Beryllium, Total, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| 0450A | 10/7/2002 | L25875-1 | Beta-BHC | | ug/L | <MDL | 0.00064 | 0.00128 |
| 0450A | 10/7/2002 | L25875-1 | Bis(2-Chloroethoxy)Methane | | ug/L | <MDL | 0.024 | 0.0485 |
| 0450A | 10/7/2002 | L25875-1 | Bis(2-Chloroethyl)Ether | | ug/L | <MDL | 0.024 | 0.0485 |
| 0450A | 10/7/2002 | L25875-1 | Bis(2-Chloroisopropyl)Ether | | ug/L | <MDL | 0.0097 | 0.0243 |
| 0450A | 10/7/2002 | L25875-1 | Bis(2-ethylhexyl)adipate | | ug/L | <RDL,B | 1.05 | 0.485 |
| 0450A | 10/7/2002 | L25875-1 | Bis(2-Ethylhexyl)Phthalate | | ug/L | B | 2.25 | 0.0485 |
| 0450A | 10/7/2002 | L25875-1 | Bisphenol A | 0.24 | ug/L | <RDL | 0.12 | 0.485 |
| 0450A | 10/7/2002 | L25875-1 | Cadmium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| 0450A | 10/7/2002 | L25875-1 | Cadmium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| 0450A | 10/7/2002 | L25875-1 | Caffeine | | ug/L | <MDL | 0.024 | 0.0485 |
| 0450A | 10/7/2002 | L25875-1 | Calcium, Dissolved, ICP | 14 | mg/L | | 0.05 | 0.25 |
| 0450A | 10/7/2002 | L25875-1 | Calcium, Total, ICP | 13.9 | mg/L | | 0.05 | 0.25 |
| 0450A | 10/7/2002 | L25875-1 | Carbazole | | ug/L | <MDL | 0.0097 | 0.0243 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0450A | 10/7/2002 | L25875-1 | Chlordecone (Kepone) | | ug/L | <MDL | 0.12 | 0.485 |
| 0450A | 10/7/2002 | L25875-1 | Chlorpyrifos | | ug/L | <MDL | 0.032 | 0.0472 |
| 0450A | 10/7/2002 | L25875-1 | Chromium, Dissolved, ICP-MS | 0.000363 | mg/L | | 0.00005 | 0.00025 |
| 0450A | 10/7/2002 | L25875-1 | Chromium, Total, ICP-MS | 0.000571 | mg/L | | 0.00005 | 0.00025 |
| 0450A | 10/7/2002 | L25875-1 | Chrysene | | ug/L | <MDL | 0.0097 | 0.0243 |
| 0450A | 10/7/2002 | L25875-1 | Cobalt, Dissolved, ICP-MS | 7.51E-05 | mg/L | | 0.00001 | 0.00005 |
| 0450A | 10/7/2002 | L25875-1 | Conductivity, Field | 168 | umhos/cm | | | |
| 0450A | 10/7/2002 | L25875-1 | Copper, Dissolved, ICP-MS | 0.000591 | mg/L | | 0.0001 | 0.0005 |
| 0450A | 10/7/2002 | L25875-1 | Copper, Total, ICP-MS | 0.000687 | mg/L | | 0.0001 | 0.0005 |
| 0450A | 10/7/2002 | L25875-1 | Coprostanol | | ug/L | <MDL | 1.2 | 9.71 |
| 0450A | 10/7/2002 | L25875-1 | Dalapon | | ug/L | <MDL | 0.047 | 0.16 |
| 0450A | 10/7/2002 | L25875-1 | Delta-BHC | | ug/L | <MDL | 0.00064 | 0.00128 |
| 0450A | 10/7/2002 | L25875-1 | Diazinon | | ug/L | <MDL | 0.041 | 0.0472 |
| 0450A | 10/7/2002 | L25875-1 | Diazinon | | ug/L | <MDL | 0.049 | 0.243 |
| 0450A | 10/7/2002 | L25875-1 | Dibenzo(a,h)anthracene | | ug/L | <MDL | 0.024 | 0.0485 |
| 0450A | 10/7/2002 | L25875-1 | Dibenzofuran | | ug/L | <MDL | 0.0097 | 0.0243 |
| 0450A | 10/7/2002 | L25875-1 | Dicamba | | ug/L | <MDL | 0.039 | 0.12 |
| 0450A | 10/7/2002 | L25875-1 | Dichloroprop | | ug/L | <MDL | 0.016 | 0.08 |
| 0450A | 10/7/2002 | L25875-1 | Dieldrin | | ug/L | <MDL | 0.0013 | 0.00256 |
| 0450A | 10/7/2002 | L25875-1 | Diethyl Phthalate | 0.033 | ug/L | <RDL | 0.024 | 0.0971 |
| 0450A | 10/7/2002 | L25875-1 | Dimethyl Phthalate | | ug/L | <MDL | 0.024 | 0.0485 |
| 0450A | 10/7/2002 | L25875-1 | Di-N-Butyl Phthalate | | ug/L | B | 1.15 | 0.243 |
| 0450A | 10/7/2002 | L25875-1 | Di-N-Octyl Phthalate | | ug/L | <MDL | 0.024 | 0.0485 |
| 0450A | 10/7/2002 | L25875-1 | Dinoseb | | ug/L | <MDL | 0.046 | 0.16 |
| 0450A | 10/7/2002 | L25875-1 | Dissolved Oxygen, Field | 7.8 | mg/L | | | |
| 0450A | 10/7/2002 | L25875-1 | Disulfoton | | ug/L | <MDL | 0.025 | 0.0472 |
| 0450A | 10/7/2002 | L25875-1 | Endosulfan I | | ug/L | <MDL | 0.0013 | 0.00256 |
| 0450A | 10/7/2002 | L25875-1 | Endosulfan II | | ug/L | <MDL | 0.0013 | 0.00256 |
| 0450A | 10/7/2002 | L25875-1 | Endosulfan Sulfate | | ug/L | <MDL | 0.0013 | 0.00256 |
| 0450A | 10/7/2002 | L25875-1 | Endrin | | ug/L | <MDL | 0.0013 | 0.00256 |
| 0450A | 10/7/2002 | L25875-1 | Endrin Aldehyde | | ug/L | <MDL | 0.0026 | 0.00513 |
| 0450A | 10/7/2002 | L25875-1 | Enterococcus | 44 | CFU/100ml | | | |
| 0450A | 10/7/2002 | L25875-1 | Escherichia coli | 160 | CFU/100ml | | | |
| 0450A | 10/7/2002 | L25875-1 | Estradiol | | ug/L | <MDL | 0.12 | 0.485 |
| 0450A | 10/7/2002 | L25875-1 | Estrone | | ug/L | <MDL | 0.12 | 0.485 |
| 0450A | 10/7/2002 | L25875-1 | Ethynyl estradiol | | ug/L | <MDL | 0.12 | 0.485 |
| 0450A | 10/7/2002 | L25875-1 | Fecal Coliform | 110 | CFU/100ml | | | |
| 0450A | 10/7/2002 | L25875-1 | Fluoranthene | | ug/L | <MDL | 0.024 | 0.0485 |
| 0450A | 10/7/2002 | L25875-1 | Fluorene | | ug/L | <MDL | 0.024 | 0.0485 |
| 0450A | 10/7/2002 | L25875-1 | Fluoride | 0.0488 | mg/L | | 0.02 | 0.04 |
| 0450A | 10/7/2002 | L25875-1 | Gamma-BHC (Lindane) | | ug/L | <MDL | 0.00064 | 0.00128 |
| 0450A | 10/7/2002 | L25875-1 | Gamma-Chlordane | | ug/L | <MDL | 0.00064 | 0.00128 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0450A | 10/7/2002 | L25875-1 | Hardness, Calc | 67.6 | mg CaCO3/L | | 0.2 | 1.25 |
| 0450A | 10/7/2002 | L25875-1 | Heptachlor | | ug/L | <MDL | 0.00064 | 0.00128 |
| 0450A | 10/7/2002 | L25875-1 | Heptachlor Epoxide | | ug/L | <MDL | 0.00064 | 0.00128 |
| 0450A | 10/7/2002 | L25875-1 | Hexachlorobenzene | | ug/L | <MDL | 0.024 | 0.0485 |
| 0450A | 10/7/2002 | L25875-1 | Hexachlorobutadiene | | ug/L | <MDL | 0.024 | 0.0485 |
| 0450A | 10/7/2002 | L25875-1 | Hexachlorocyclopentadiene | | ug/L | <MDL | 0.049 | 0.485 |
| 0450A | 10/7/2002 | L25875-1 | Hexachloroethane | | ug/L | <MDL | 0.024 | 0.0485 |
| 0450A | 10/7/2002 | L25875-1 | Indeno(1,2,3-Cd)Pyrene | | ug/L | <MDL | 0.024 | 0.0485 |
| 0450A | 10/7/2002 | L25875-1 | Iron, Dissolved, ICP | 0.393 | mg/L | | 0.05 | 0.25 |
| 0450A | 10/7/2002 | L25875-1 | Iron, Total, ICP | 0.681 | mg/L | | 0.05 | 0.25 |
| 0450A | 10/7/2002 | L25875-1 | Isophorone | | ug/L | <MDL | 0.24 | 0.0485 |
| 0450A | 10/7/2002 | L25875-1 | Lead, Dissolved, ICP-MS | 0.000046 | mg/L | <RDL | 0.000025 | 0.000125 |
| 0450A | 10/7/2002 | L25875-1 | Lead, Total, ICP-MS | 0.00014 | mg/L | | 0.000025 | 0.000125 |
| 0450A | 10/7/2002 | L25875-1 | Magnesium, Dissolved, ICP | 8.16 | mg/L | | 0.03 | 0.15 |
| 0450A | 10/7/2002 | L25875-1 | Magnesium, Total, ICP | 8 | mg/L | | 0.03 | 0.15 |
| 0450A | 10/7/2002 | L25875-1 | Malathion | | ug/L | <MDL | 0.045 | 0.0472 |
| 0450A | 10/7/2002 | L25875-1 | MCPA | | ug/L | <MDL | 0.022 | 0.08 |
| 0450A | 10/7/2002 | L25875-1 | MCPP | | ug/L | <MDL | 0.03 | 0.08 |
| 0450A | 10/7/2002 | L25875-1 | Mercury, Dissolved, CVAF | 6.03E-07 | mg/L | | 0.0000001 | 5E-07 |
| 0450A | 10/7/2002 | L25875-1 | Mercury, Total, CVAF | 1.03E-06 | mg/L | | 0.0000001 | 5E-07 |
| 0450A | 10/7/2002 | L25875-1 | Methoxychlor | | ug/L | <MDL | 0.0064 | 0.0128 |
| 0450A | 10/7/2002 | L25875-1 | Methyltestosterone | | ug/L | <MDL | 0.12 | 0.485 |
| 0450A | 10/7/2002 | L25875-1 | Molybdenum, Dissolved, ICP-MS | 0.000367 | mg/L | | 0.00001 | 0.00005 |
| 0450A | 10/7/2002 | L25875-1 | Molybdenum, Total, ICP-MS | 0.000374 | mg/L | | 0.00001 | 0.00005 |
| 0450A | 10/7/2002 | L25875-1 | Naphthalene | | ug/L | <MDL | 0.0097 | 0.0243 |
| 0450A | 10/7/2002 | L25875-1 | Nickel, Dissolved, ICP-MS | 0.0011 | mg/L | | 0.00005 | 0.00025 |
| 0450A | 10/7/2002 | L25875-1 | Nickel, Total, ICP-MS | 0.00119 | mg/L | | 0.00005 | 0.00025 |
| 0450A | 10/7/2002 | L25875-1 | Nitrate Nitrogen | 0.511 | mg/L | | 0.02 | 0.04 |
| 0450A | 10/7/2002 | L25875-1 | Nitrite + Nitrate Nitrogen | 0.511 | mg/L | | 0.02 | 0.04 |
| 0450A | 10/7/2002 | L25875-1 | Nitrobenzene | | ug/L | <MDL | 0.049 | 0.0971 |
| 0450A | 10/7/2002 | L25875-1 | N-Nitrosodimethylamine | | ug/L | <MDL | 0.049 | 0.121 |
| 0450A | 10/7/2002 | L25875-1 | N-Nitrosodi-N-Propylamine | | ug/L | <MDL | 0.049 | 0.0971 |
| 0450A | 10/7/2002 | L25875-1 | N-Nitrosodiphenylamine | | ug/L | <MDL | 0.024 | 0.0485 |
| 0450A | 10/7/2002 | L25875-1 | Ortho Phosphorus | 0.028 | mg/L | | 0.002 | 0.005 |
| 0450A | 10/7/2002 | L25875-1 | Parathion-Ethyl | | ug/L | <MDL | 0.042 | 0.0472 |
| 0450A | 10/7/2002 | L25875-1 | Parathion-Methyl | | ug/L | <MDL | 0.034 | 0.0472 |
| 0450A | 10/7/2002 | L25875-1 | Pentachlorophenol | | ug/L | <MDL | 0.12 | 0.971 |
| 0450A | 10/7/2002 | L25875-1 | pH, Field | 6.8 | pH | | | |
| 0450A | 10/7/2002 | L25875-1 | Phenanthrene | | ug/L | <MDL | 0.0097 | 0.0243 |
| 0450A | 10/7/2002 | L25875-1 | Phenol | | ug/L | B | 0.09 | 0.00971 |
| 0450A | 10/7/2002 | L25875-1 | Phorate | | ug/L | <MDL | 0.031 | 0.0472 |
| 0450A | 10/7/2002 | L25875-1 | Progesterone | | ug/L | <MDL | 0.12 | 0.485 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0450A | 10/7/2002 | L25875-1 | Pyrene | | ug/L | <MDL | 0.0097 | 0.0243 |
| 0450A | 10/7/2002 | L25875-1 | Pyridine | | ug/L | <MDL | 0.49 | 0.971 |
| 0450A | 10/7/2002 | L25875-1 | Sample Temperature, Field | 13.8 | deg C | | | |
| 0450A | 10/7/2002 | L25875-1 | Selenium, Dissolved, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| 0450A | 10/7/2002 | L25875-1 | Selenium, Total, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| 0450A | 10/7/2002 | L25875-1 | Silver, Dissolved, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| 0450A | 10/7/2002 | L25875-1 | Silver, Total, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| 0450A | 10/7/2002 | L25875-1 | Simazine | | ug/L | <MDL | 0.049 | 0.243 |
| 0450A | 10/7/2002 | L25875-1 | Testosterone | | ug/L | <MDL | 0.12 | 0.485 |
| 0450A | 10/7/2002 | L25875-1 | Thallium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| 0450A | 10/7/2002 | L25875-1 | Thallium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| 0450A | 10/7/2002 | L25875-1 | Total 4-Nonylphenol | | ug/L | <MDL | 0.12 | 0.485 |
| 0450A | 10/7/2002 | L25875-1 | Total Suspended Solids | 3.8 | mg/L | H | 1 | 2 |
| 0450A | 10/7/2002 | L25875-1 | Toxaphene | | ug/L | <MDL | 0.013 | 0.0256 |
| 0450A | 10/7/2002 | L25875-1 | Vanadium, Dissolved, ICP-MS | 0.000933 | mg/L | | 0.000025 | 0.000125 |
| 0450A | 10/7/2002 | L25875-1 | Vanadium, Total, ICP-MS | 0.00119 | mg/L | | 0.000025 | 0.000125 |
| 0450A | 10/7/2002 | L25875-1 | Vinclozolin | | ug/L | <MDL | 0.12 | 0.485 |
| 0450A | 10/7/2002 | L25875-1 | Zinc, Dissolved, ICP-MS | | mg/L | B | 0.00545 | 0.00075 |
| 0450A | 10/7/2002 | L25875-1 | Zinc, Total, ICP-MS | 0.00143 | mg/L | | 0.00015 | 0.00075 |
| 0450A | 9/15/2003 | L29488-1 | 1,2,4-Trichlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450A | 9/15/2003 | L29488-1 | 1,2-Dichlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450A | 9/15/2003 | L29488-1 | 1,2-Diphenylhydrazine | | ug/L | <MDL | 0.047 | 0.0943 |
| 0450A | 9/15/2003 | L29488-1 | 1,3-Dichlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450A | 9/15/2003 | L29488-1 | 1,4-Dichlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450A | 9/15/2003 | L29488-1 | 2,4,5-T | | ug/L | <MDL | 0.043 | 0.12 |
| 0450A | 9/15/2003 | L29488-1 | 2,4,5-TP (Silvex) | | ug/L | <MDL | 0.046 | 0.16 |
| 0450A | 9/15/2003 | L29488-1 | 2,4,5-Trichlorophenol | | ug/L | <MDL | 0.24 | 0.943 |
| 0450A | 9/15/2003 | L29488-1 | 2,4,6-Trichlorophenol | | ug/L | <MDL | 0.24 | 0.943 |
| 0450A | 9/15/2003 | L29488-1 | 2,4-D | | ug/L | <MDL | 0.016 | 0.08 |
| 0450A | 9/15/2003 | L29488-1 | 2,4-DB | | ug/L | <MDL | 0.022 | 0.08 |
| 0450A | 9/15/2003 | L29488-1 | 2,4-Dichlorophenol | | ug/L | <MDL | 0.024 | 0.236 |
| 0450A | 9/15/2003 | L29488-1 | 2,4-Dimethylphenol | | ug/L | <MDL | 0.024 | 0.236 |
| 0450A | 9/15/2003 | L29488-1 | 2,4-Dinitrophenol | | ug/L | <MDL | 0.24 | 2.36 |
| 0450A | 9/15/2003 | L29488-1 | 2,4-Dinitrotoluene | | ug/L | <MDL | 0.47 | 0.943 |
| 0450A | 9/15/2003 | L29488-1 | 2,6-Dinitrotoluene | | ug/L | <MDL | 0.47 | 0.943 |
| 0450A | 9/15/2003 | L29488-1 | 2-Chloronaphthalene | | ug/L | <MDL | 0.0094 | 0.0236 |
| 0450A | 9/15/2003 | L29488-1 | 2-Chlorophenol | | ug/L | <MDL | 0.0094 | 0.0236 |
| 0450A | 9/15/2003 | L29488-1 | 2-Methylnaphthalene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450A | 9/15/2003 | L29488-1 | 2-Methylphenol | | ug/L | <MDL | 0.024 | 0.118 |
| 0450A | 9/15/2003 | L29488-1 | 2-Nitroaniline | | ug/L | <MDL | 0.47 | 0.943 |
| 0450A | 9/15/2003 | L29488-1 | 2-Nitrophenol | | ug/L | <MDL | 0.094 | 0.236 |
| 0450A | 9/15/2003 | L29488-1 | 3,3'-Dichlorobenzidine | | ug/L | <MDL | 0.047 | 0.0943 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0450A | 9/15/2003 | L29488-1 | 3-Methylphenol | | ug/L | <MDL | 0.024 | 0.118 |
| 0450A | 9/15/2003 | L29488-1 | 3-Nitroaniline | | ug/L | <MDL | 0.12 | 0.472 |
| 0450A | 9/15/2003 | L29488-1 | 4,4'-DDD | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0450A | 9/15/2003 | L29488-1 | 4,4'-DDE | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0450A | 9/15/2003 | L29488-1 | 4,4'-DDT | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0450A | 9/15/2003 | L29488-1 | 4,6-Dinitro-O-Cresol | | ug/L | <MDL | 0.24 | 2.36 |
| 0450A | 9/15/2003 | L29488-1 | 4-Bromophenyl Phenyl Ether | | ug/L | <MDL | 0.047 | 0.0943 |
| 0450A | 9/15/2003 | L29488-1 | 4-Chloro-3-Methylphenol | | ug/L | <MDL | 0.24 | 0.943 |
| 0450A | 9/15/2003 | L29488-1 | 4-Chloroaniline | | ug/L | <MDL | 0.024 | 0.118 |
| 0450A | 9/15/2003 | L29488-1 | 4-Chlorophenyl Phenyl Ether | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450A | 9/15/2003 | L29488-1 | 4-Methylphenol | | ug/L | <MDL | 0.024 | 0.118 |
| 0450A | 9/15/2003 | L29488-1 | 4-Nitroaniline | | ug/L | <MDL | 0.47 | 0.943 |
| 0450A | 9/15/2003 | L29488-1 | 4-Nitrophenol | | ug/L | <MDL | 0.24 | 2.36 |
| 0450A | 9/15/2003 | L29488-1 | Acenaphthene | | ug/L | <MDL | 0.0047 | 0.00943 |
| 0450A | 9/15/2003 | L29488-1 | Acenaphthylene | | ug/L | <MDL | 0.047 | 0.0943 |
| 0450A | 9/15/2003 | L29488-1 | Aldrin | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0450A | 9/15/2003 | L29488-1 | Alpha-BHC | | ug/L | <MDL | 0.0012 | 0.00236 |
| 0450A | 9/15/2003 | L29488-1 | Alpha-Chlordane | | ug/L | <MDL | 0.0012 | 0.00236 |
| 0450A | 9/15/2003 | L29488-1 | Aluminum, Dissolved, ICP-MS | 0.0041 | mg/L | <RDL,H | 0.002 | 0.01 |
| 0450A | 9/15/2003 | L29488-1 | Aluminum, Total, ICP-MS | 0.0335 | mg/L | | 0.002 | 0.01 |
| 0450A | 9/15/2003 | L29488-1 | Ammonia Nitrogen | 0.0555 | mg/L | | 0.01 | 0.02 |
| 0450A | 9/15/2003 | L29488-1 | Aniline | | ug/L | <MDL | 0.94 | 2.36 |
| 0450A | 9/15/2003 | L29488-1 | Anthracene | | ug/L | <MDL | 0.0094 | 0.0236 |
| 0450A | 9/15/2003 | L29488-1 | Antimony, Dissolved, ICP-MS | 9.48E-05 | mg/L | H | 0.00001 | 0.00005 |
| 0450A | 9/15/2003 | L29488-1 | Antimony, Total, ICP-MS | 8.92E-05 | mg/L | H | 0.00001 | 0.00005 |
| 0450A | 9/15/2003 | L29488-1 | Aroclor 1016 | | ug/L | <MDL | 0.012 | 0.0236 |
| 0450A | 9/15/2003 | L29488-1 | Aroclor 1221 | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450A | 9/15/2003 | L29488-1 | Aroclor 1232 | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450A | 9/15/2003 | L29488-1 | Aroclor 1242 | | ug/L | <MDL | 0.012 | 0.0236 |
| 0450A | 9/15/2003 | L29488-1 | Aroclor 1248 | | ug/L | <MDL | 0.012 | 0.0236 |
| 0450A | 9/15/2003 | L29488-1 | Aroclor 1254 | | ug/L | <MDL | 0.012 | 0.0236 |
| 0450A | 9/15/2003 | L29488-1 | Aroclor 1260 | | ug/L | <MDL | 0.012 | 0.0236 |
| 0450A | 9/15/2003 | L29488-1 | Arsenic, Dissolved, ICP-MS | 0.00176 | mg/L | H | 0.0001 | 0.0005 |
| 0450A | 9/15/2003 | L29488-1 | Arsenic, Total, ICP-MS | 0.00195 | mg/L | H | 0.0001 | 0.0005 |
| 0450A | 9/15/2003 | L29488-1 | Atrazine | | ug/L | <MDL | 0.47 | 0.943 |
| 0450A | 9/15/2003 | L29488-1 | Barium, Dissolved, ICP-MS | 0.00797 | mg/L | H | 0.000025 | 0.000125 |
| 0450A | 9/15/2003 | L29488-1 | Barium, Total, ICP-MS | 0.00828 | mg/L | H | 0.000025 | 0.000125 |
| 0450A | 9/15/2003 | L29488-1 | Benzidine | | ug/L | <MDL | 0.94 | 4.72 |
| 0450A | 9/15/2003 | L29488-1 | Benzo(a)anthracene | 0.0189 | ug/L | | 0.0047 | 0.00943 |
| 0450A | 9/15/2003 | L29488-1 | Benzo(a)pyrene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450A | 9/15/2003 | L29488-1 | Benzo(b)fluoranthene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450A | 9/15/2003 | L29488-1 | Benzo(g,h,i)perylene | | ug/L | <MDL | 0.024 | 0.0472 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0450A | 9/15/2003 | L29488-1 | Benzo(k)fluoranthene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450A | 9/15/2003 | L29488-1 | Benzoic Acid | | ug/L | <MDL | 0.24 | 2.36 |
| 0450A | 9/15/2003 | L29488-1 | Benzyl Alcohol | | ug/L | <MDL | 0.047 | 0.236 |
| 0450A | 9/15/2003 | L29488-1 | Benzyl Butyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| 0450A | 9/15/2003 | L29488-1 | Beryllium, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.00005 | 0.00025 |
| 0450A | 9/15/2003 | L29488-1 | Beryllium, Total, ICP-MS | | mg/L | <MDL,H | 0.00005 | 0.00025 |
| 0450A | 9/15/2003 | L29488-1 | Beta-BHC | | ug/L | <MDL | 0.0012 | 0.00236 |
| 0450A | 9/15/2003 | L29488-1 | Bis(2-Chloroethoxy)Methane | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450A | 9/15/2003 | L29488-1 | Bis(2-Chloroethyl)Ether | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450A | 9/15/2003 | L29488-1 | Bis(2-Chloroisopropyl)Ether | | ug/L | <MDL | 0.0094 | 0.0236 |
| 0450A | 9/15/2003 | L29488-1 | Bis(2-ethylhexyl)adipate | | ug/L | <RDL,B | 2.2 | 0.472 |
| 0450A | 9/15/2003 | L29488-1 | Bis(2-Ethylhexyl)Phthalate | | ug/L | B | 8.76 | 0.472 |
| 0450A | 9/15/2003 | L29488-1 | Bisphenol A | 0.44 | ug/L | <RDL | 0.12 | 0.472 |
| 0450A | 9/15/2003 | L29488-1 | Cadmium, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.00001 | 0.00005 |
| 0450A | 9/15/2003 | L29488-1 | Cadmium, Total, ICP-MS | | mg/L | <MDL,H | 0.00001 | 0.00005 |
| 0450A | 9/15/2003 | L29488-1 | Caffeine | 0.024 | ug/L | <RDL | 0.024 | 0.0472 |
| 0450A | 9/15/2003 | L29488-1 | Calcium, Dissolved, ICP | 14.2 | mg/L | | 0.05 | 0.25 |
| 0450A | 9/15/2003 | L29488-1 | Calcium, Total, ICP | 14.7 | mg/L | | 0.05 | 0.25 |
| 0450A | 9/15/2003 | L29488-1 | Carbazole | | ug/L | <MDL | 0.0094 | 0.0236 |
| 0450A | 9/15/2003 | L29488-1 | Chlordecone (Kepone) | | ug/L | <MDL | 0.12 | 0.472 |
| 0450A | 9/15/2003 | L29488-1 | Chlorpyrifos | | ug/L | <MDL | 0.032 | 0.0472 |
| 0450A | 9/15/2003 | L29488-1 | Chromium, Dissolved, ICP-MS | 0.000335 | mg/L | H | 0.00005 | 0.00025 |
| 0450A | 9/15/2003 | L29488-1 | Chromium, Total, ICP-MS | 0.000428 | mg/L | H | 0.00005 | 0.00025 |
| 0450A | 9/15/2003 | L29488-1 | Chrysene | 0.012 | ug/L | <RDL | 0.0094 | 0.0236 |
| 0450A | 9/15/2003 | L29488-1 | Cobalt, Dissolved, ICP-MS | 0.000058 | mg/L | H | 0.00001 | 0.00005 |
| 0450A | 9/15/2003 | L29488-1 | Cobalt, Total, ICP-MS | 7.37E-05 | mg/L | H | 0.00001 | 0.00005 |
| 0450A | 9/15/2003 | L29488-1 | Conductivity, Field | 183 | umhos/cm | | | |
| 0450A | 9/15/2003 | L29488-1 | Copper, Dissolved, ICP-MS | 0.000694 | mg/L | H | 0.0001 | 0.0005 |
| 0450A | 9/15/2003 | L29488-1 | Copper, Total, ICP-MS | 0.000708 | mg/L | H | 0.0001 | 0.0005 |
| 0450A | 9/15/2003 | L29488-1 | Coprostanol | | ug/L | <MDL | 1.2 | 9.43 |
| 0450A | 9/15/2003 | L29488-1 | Dalapon | | ug/L | <MDL | 0.047 | 0.16 |
| 0450A | 9/15/2003 | L29488-1 | Delta-BHC | | ug/L | <MDL | 0.0012 | 0.00236 |
| 0450A | 9/15/2003 | L29488-1 | Diazinon | | ug/L | <MDL | 0.047 | 0.236 |
| 0450A | 9/15/2003 | L29488-1 | Diazinon | | ug/L | <MDL | 0.041 | 0.0472 |
| 0450A | 9/15/2003 | L29488-1 | Dibenzo(a,h)anthracene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450A | 9/15/2003 | L29488-1 | Dibenzofuran | | ug/L | <MDL | 0.0094 | 0.0236 |
| 0450A | 9/15/2003 | L29488-1 | Dicamba | | ug/L | <MDL | 0.039 | 0.12 |
| 0450A | 9/15/2003 | L29488-1 | Dichloroprop | | ug/L | <MDL | 0.023 | 0.08 |
| 0450A | 9/15/2003 | L29488-1 | Dieldrin | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0450A | 9/15/2003 | L29488-1 | Diethyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| 0450A | 9/15/2003 | L29488-1 | Dimethyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| 0450A | 9/15/2003 | L29488-1 | Di-N-Butyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0450A | 9/15/2003 | L29488-1 | Di-N-Octyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| 0450A | 9/15/2003 | L29488-1 | Dinoseb | | ug/L | <MDL | 0.03 | 0.08 |
| 0450A | 9/15/2003 | L29488-1 | Dissolved Oxygen, Field | 7.8 | mg/L | | | |
| 0450A | 9/15/2003 | L29488-1 | Disulfoton | | ug/L | <MDL | 0.025 | 0.0472 |
| 0450A | 9/15/2003 | L29488-1 | Endosulfan I | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0450A | 9/15/2003 | L29488-1 | Endosulfan II | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0450A | 9/15/2003 | L29488-1 | Endosulfan Sulfate | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0450A | 9/15/2003 | L29488-1 | Endrin | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0450A | 9/15/2003 | L29488-1 | Endrin Aldehyde | | ug/L | <MDL | 0.0047 | 0.00943 |
| 0450A | 9/15/2003 | L29488-1 | Enterococcus | 72 | CFU/100ml | | | |
| 0450A | 9/15/2003 | L29488-1 | Escherichia coli | 210 | CFU/100ml | | | |
| 0450A | 9/15/2003 | L29488-1 | Estradiol | | ug/L | <MDL | 0.12 | 0.472 |
| 0450A | 9/15/2003 | L29488-1 | Estrone | | ug/L | <MDL | 0.12 | 0.472 |
| 0450A | 9/15/2003 | L29488-1 | Ethynyl estradiol | | ug/L | <MDL | 0.12 | 0.472 |
| 0450A | 9/15/2003 | L29488-1 | Fecal Coliform | 300 | CFU/100ml | | | |
| 0450A | 9/15/2003 | L29488-1 | Fluoranthene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450A | 9/15/2003 | L29488-1 | Fluorene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450A | 9/15/2003 | L29488-1 | Fluoride | 0.0487 | mg/L | | 0.02 | 0.04 |
| 0450A | 9/15/2003 | L29488-1 | Gamma-BHC (Lindane) | | ug/L | <MDL | 0.0012 | 0.00236 |
| 0450A | 9/15/2003 | L29488-1 | Gamma-Chlordane | | ug/L | <MDL | 0.0012 | 0.00236 |
| 0450A | 9/15/2003 | L29488-1 | Hardness, Calc | 72.4 | mg CaCO3/L | | 0.2 | 1.25 |
| 0450A | 9/15/2003 | L29488-1 | Heptachlor | | ug/L | <MDL | 0.0012 | 0.00236 |
| 0450A | 9/15/2003 | L29488-1 | Heptachlor Epoxide | | ug/L | <MDL | 0.0012 | 0.00236 |
| 0450A | 9/15/2003 | L29488-1 | Hexachlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450A | 9/15/2003 | L29488-1 | Hexachlorobutadiene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450A | 9/15/2003 | L29488-1 | Hexachlorocyclopentadiene | | ug/L | <MDL | 0.94 | 2.36 |
| 0450A | 9/15/2003 | L29488-1 | Hexachloroethane | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450A | 9/15/2003 | L29488-1 | Indeno(1,2,3-Cd)Pyrene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450A | 9/15/2003 | L29488-1 | Iron, Dissolved, ICP | 0.377 | mg/L | | 0.05 | 0.25 |
| 0450A | 9/15/2003 | L29488-1 | Iron, Total, ICP | 0.83 | mg/L | | 0.05 | 0.25 |
| 0450A | 9/15/2003 | L29488-1 | Isophorone | | ug/L | <MDL | 0.24 | 0.0472 |
| 0450A | 9/15/2003 | L29488-1 | Lead, Dissolved, ICP-MS | 0.00004 | mg/L | <RDL,H | 0.000025 | 0.000125 |
| 0450A | 9/15/2003 | L29488-1 | Lead, Total, ICP-MS | 0.0001 | mg/L | <RDL,H | 0.000025 | 0.000125 |
| 0450A | 9/15/2003 | L29488-1 | Magnesium, Dissolved, ICP | 8.37 | mg/L | | 0.03 | 0.15 |
| 0450A | 9/15/2003 | L29488-1 | Magnesium, Total, ICP | 8.7 | mg/L | | 0.03 | 0.15 |
| 0450A | 9/15/2003 | L29488-1 | Malathion | | ug/L | <MDL | 0.045 | 0.0472 |
| 0450A | 9/15/2003 | L29488-1 | MCPA | | ug/L | <MDL | 0.038 | 0.12 |
| 0450A | 9/15/2003 | L29488-1 | MCPP | | ug/L | <MDL | 0.016 | 0.08 |
| 0450A | 9/15/2003 | L29488-1 | Mercury, Dissolved, CVAF | 5.68E-07 | mg/L | | 0.0000002 | 5E-07 |
| 0450A | 9/15/2003 | L29488-1 | Mercury, Total, CVAF | 1.65E-06 | mg/L | | 0.0000002 | 5E-07 |
| 0450A | 9/15/2003 | L29488-1 | Methoxychlor | | ug/L | <MDL | 0.012 | 0.0236 |
| 0450A | 9/15/2003 | L29488-1 | Methyltestosterone | | ug/L | <MDL | 0.12 | 0.472 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0450A | 9/15/2003 | L29488-1 | Molybdenum, Dissolved, ICP-MS | 0.000815 | mg/L | H | 0.00001 | 0.00005 |
| 0450A | 9/15/2003 | L29488-1 | Molybdenum, Total, ICP-MS | 0.000809 | mg/L | H | 0.00001 | 0.00005 |
| 0450A | 9/15/2003 | L29488-1 | Naphthalene | | ug/L | <MDL | 0.012 | 0.0236 |
| 0450A | 9/15/2003 | L29488-1 | Nickel, Dissolved, ICP-MS | 0.00111 | mg/L | H | 0.00005 | 0.00025 |
| 0450A | 9/15/2003 | L29488-1 | Nickel, Total, ICP-MS | 0.00107 | mg/L | H | 0.00005 | 0.00025 |
| 0450A | 9/15/2003 | L29488-1 | Nitrate Nitrogen | 0.318 | mg/L | | 0.02 | 0.04 |
| 0450A | 9/15/2003 | L29488-1 | Nitrite + Nitrate Nitrogen | 0.327 | mg/L | | 0.02 | 0.04 |
| 0450A | 9/15/2003 | L29488-1 | Nitrobenzene | | ug/L | <MDL | 0.047 | 0.0943 |
| 0450A | 9/15/2003 | L29488-1 | N-Nitrosodimethylamine | | ug/L | <MDL | 0.047 | 0.118 |
| 0450A | 9/15/2003 | L29488-1 | N-Nitrosodi-N-Propylamine | | ug/L | <MDL | 0.047 | 0.0943 |
| 0450A | 9/15/2003 | L29488-1 | N-Nitrosodiphenylamine | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450A | 9/15/2003 | L29488-1 | Ortho Phosphorus | 0.0231 | mg/L | | 0.002 | 0.005 |
| 0450A | 9/15/2003 | L29488-1 | Parathion-Ethyl | | ug/L | <MDL | 0.042 | 0.0472 |
| 0450A | 9/15/2003 | L29488-1 | Parathion-Methyl | | ug/L | <MDL | 0.034 | 0.0472 |
| 0450A | 9/15/2003 | L29488-1 | Pentachlorophenol | | ug/L | <MDL | 0.47 | 4.72 |
| 0450A | 9/15/2003 | L29488-1 | pH, Field | 7.1 | pH | | | |
| 0450A | 9/15/2003 | L29488-1 | Phenanthrene | | ug/L | <MDL | 0.0094 | 0.0236 |
| 0450A | 9/15/2003 | L29488-1 | Phenol | | ug/L | <MDL | 0.047 | 0.0943 |
| 0450A | 9/15/2003 | L29488-1 | Phorate | | ug/L | <MDL | 0.031 | 0.0472 |
| 0450A | 9/15/2003 | L29488-1 | Progesterone | | ug/L | <MDL | 0.12 | 0.472 |
| 0450A | 9/15/2003 | L29488-1 | Pyrene | 0.011 | ug/L | <RDL | 0.0094 | 0.0236 |
| 0450A | 9/15/2003 | L29488-1 | Pyridine | | ug/L | <MDL | 0.94 | 2.36 |
| 0450A | 9/15/2003 | L29488-1 | Sample Start Time | 950 | hr | | | |
| 0450A | 9/15/2003 | L29488-1 | Sample Temperature, Field | 14.6 | deg C | | | |
| 0450A | 9/15/2003 | L29488-1 | Selenium, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.0005 | 0.0025 |
| 0450A | 9/15/2003 | L29488-1 | Selenium, Total, ICP-MS | | mg/L | <MDL,H | 0.0005 | 0.0025 |
| 0450A | 9/15/2003 | L29488-1 | Silver, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.000025 | 0.000125 |
| 0450A | 9/15/2003 | L29488-1 | Silver, Total, ICP-MS | | mg/L | <MDL,H | 0.000025 | 0.000125 |
| 0450A | 9/15/2003 | L29488-1 | Simazine | | ug/L | <MDL | 0.47 | 0.943 |
| 0450A | 9/15/2003 | L29488-1 | Testosterone | | ug/L | <MDL | 0.12 | 0.472 |
| 0450A | 9/15/2003 | L29488-1 | Thallium, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.00001 | 0.00005 |
| 0450A | 9/15/2003 | L29488-1 | Thallium, Total, ICP-MS | | mg/L | <MDL,H | 0.00001 | 0.00005 |
| 0450A | 9/15/2003 | L29488-1 | Total 4-Nonylphenol | | ug/L | <MDL | 0.12 | 0.472 |
| 0450A | 9/15/2003 | L29488-1 | Total Suspended Solids | 1.9 | mg/L | | 0.5 | 1 |
| 0450A | 9/15/2003 | L29488-1 | Toxaphene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450A | 9/15/2003 | L29488-1 | Vanadium, Dissolved, ICP-MS | 0.000873 | mg/L | H | 0.000025 | 0.000125 |
| 0450A | 9/15/2003 | L29488-1 | Vanadium, Total, ICP-MS | 0.00108 | mg/L | H | 0.000025 | 0.000125 |
| 0450A | 9/15/2003 | L29488-1 | Vinclozolin | | ug/L | <MDL | 0.12 | 0.472 |
| 0450A | 9/15/2003 | L29488-1 | Zinc, Dissolved, ICP-MS | 0.00086 | mg/L | H | 0.00015 | 0.00075 |
| 0450A | 9/15/2003 | L29488-1 | Zinc, Total, ICP-MS | 0.00116 | mg/L | H | 0.00015 | 0.00075 |
| 0450C | 9/4/2001 | L21953-8 | 1,2,4-Trichlorobenzene | | ug/L | <MDL,G | 0.005 | 0.01 |
| 0450C | 9/4/2001 | L21953-8 | 1,2-Dichlorobenzene | | ug/L | <MDL,G | 0.005 | 0.01 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0450C | 9/4/2001 | L21953-8 | 1,2-Diphenylhydrazine | | ug/L | <MDL | 0.19 | 0.379 |
| 0450C | 9/4/2001 | L21953-8 | 1,3-Dichlorobenzene | | ug/L | <MDL,G | 0.005 | 0.01 |
| 0450C | 9/4/2001 | L21953-8 | 1,4-Dichlorobenzene | | ug/L | <MDL,G | 0.0025 | 0.005 |
| 0450C | 9/4/2001 | L21953-8 | 2,4,5-T | | ug/L | <MDL | 0.057 | 0.16 |
| 0450C | 9/4/2001 | L21953-8 | 2,4,5-TP (Silvex) | | ug/L | <MDL | 0.023 | 0.08 |
| 0450C | 9/4/2001 | L21953-8 | 2,4,5-Trichlorophenol | | ug/L | <MDL | 0.23 | 0.455 |
| 0450C | 9/4/2001 | L21953-8 | 2,4,6-Trichlorophenol | | ug/L | <MDL | 0.25 | 0.492 |
| 0450C | 9/4/2001 | L21953-8 | 2,4-D | | ug/L | <MDL | 0.03 | 0.08 |
| 0450C | 9/4/2001 | L21953-8 | 2,4-DB | | ug/L | <MDL | 0.058 | 0.16 |
| 0450C | 9/4/2001 | L21953-8 | 2,4-Dichlorophenol | | ug/L | <MDL | 0.3 | 0.606 |
| 0450C | 9/4/2001 | L21953-8 | 2,4-Dimethylphenol | | ug/L | <MDL,G | 0.13 | 0.265 |
| 0450C | 9/4/2001 | L21953-8 | 2,4-Dinitrophenol | | ug/L | <MDL | 0.25 | 0.505 |
| 0450C | 9/4/2001 | L21953-8 | 2,4-Dinitrotoluene | | ug/L | <MDL | 0.057 | 0.114 |
| 0450C | 9/4/2001 | L21953-8 | 2,6-Dinitrotoluene | | ug/L | <MDL | 0.19 | 0.379 |
| 0450C | 9/4/2001 | L21953-8 | 2-Chloronaphthalene | | ug/L | <MDL,G | 0.3 | 0.606 |
| 0450C | 9/4/2001 | L21953-8 | 2-Chlorophenol | | ug/L | <MDL | 0.15 | 0.303 |
| 0450C | 9/4/2001 | L21953-8 | 2-Methylnaphthalene | | ug/L | <MDL,G | 0.27 | 0.53 |
| 0450C | 9/4/2001 | L21953-8 | 2-Methylphenol | | ug/L | <MDL | 0.36 | 0.72 |
| 0450C | 9/4/2001 | L21953-8 | 2-Nitroaniline | | ug/L | <MDL | 0.13 | 0.253 |
| 0450C | 9/4/2001 | L21953-8 | 2-Nitrophenol | | ug/L | <MDL | 0.28 | 0.568 |
| 0450C | 9/4/2001 | L21953-8 | 3,3'-Dichlorobenzidine | | ug/L | <MDL | 0.051 | 0.101 |
| 0450C | 9/4/2001 | L21953-8 | 3-Methylphenol | | ug/L | <MDL,G | 0.051 | 0.101 |
| 0450C | 9/4/2001 | L21953-8 | 3-Nitroaniline | | ug/L | <MDL | 0.13 | 0.253 |
| 0450C | 9/4/2001 | L21953-8 | 4,4'-DDD | | ug/L | <MDL | 0.0025 | 0.005 |
| 0450C | 9/4/2001 | L21953-8 | 4,4'-DDE | | ug/L | <MDL | 0.0025 | 0.005 |
| 0450C | 9/4/2001 | L21953-8 | 4,4'-DDT | | ug/L | <MDL | 0.0025 | 0.005 |
| 0450C | 9/4/2001 | L21953-8 | 4,6-Dinitro-O-Cresol | | ug/L | <MDL | 0.25 | 0.505 |
| 0450C | 9/4/2001 | L21953-8 | 4-Bromophenyl Phenyl Ether | | ug/L | <MDL | 0.17 | 0.341 |
| 0450C | 9/4/2001 | L21953-8 | 4-Chloro-3-Methylphenol | | ug/L | <MDL | 0.051 | 0.101 |
| 0450C | 9/4/2001 | L21953-8 | 4-Chloroaniline | | ug/L | <MDL,G | 0.051 | 0.101 |
| 0450C | 9/4/2001 | L21953-8 | 4-Chlorophenyl Phenyl Ether | | ug/L | <MDL,G | 0.25 | 0.492 |
| 0450C | 9/4/2001 | L21953-8 | 4-Methylphenol | | ug/L | <MDL | 0.3 | 0.606 |
| 0450C | 9/4/2001 | L21953-8 | 4-Nitroaniline | | ug/L | <MDL | 0.25 | 0.505 |
| 0450C | 9/4/2001 | L21953-8 | 4-Nitrophenol | | ug/L | <MDL | 0.25 | 0.505 |
| 0450C | 9/4/2001 | L21953-8 | Acenaphthene | | ug/L | <MDL,G | 0.13 | 0.265 |
| 0450C | 9/4/2001 | L21953-8 | Acenaphthylene | | ug/L | <MDL,G | 0.28 | 0.568 |
| 0450C | 9/4/2001 | L21953-8 | Aldrin | | ug/L | <MDL | 0.0025 | 0.005 |
| 0450C | 9/4/2001 | L21953-8 | Alpha-BHC | | ug/L | <MDL | 0.0025 | 0.005 |
| 0450C | 9/4/2001 | L21953-8 | Aluminum, Dissolved, ICP-MS | 0.0041 | mg/L | <RDL | 0.002 | 0.01 |
| 0450C | 9/4/2001 | L21953-8 | Aluminum, Total, ICP-MS | 0.0272 | mg/L | | 0.002 | 0.01 |
| 0450C | 9/4/2001 | L21953-8 | Ammonia Nitrogen | 0.017 | mg/L | <RDL | 0.01 | 0.02 |
| 0450C | 9/4/2001 | L21953-8 | Aniline | | ug/L | <MDL,G | 0.36 | 0.72 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0450C | 9/4/2001 | L21953-8 | Anthracene | | ug/L | <MDL | 0.076 | 0.152 |
| 0450C | 9/4/2001 | L21953-8 | Antimony, Dissolved, ICP-MS | 6.33E-05 | mg/L | | 0.00001 | 0.00005 |
| 0450C | 9/4/2001 | L21953-8 | Antimony, Total, ICP-MS | 6.23E-05 | mg/L | | 0.00001 | 0.00005 |
| 0450C | 9/4/2001 | L21953-8 | Aroclor 1016 | | ug/L | <MDL | 0.025 | 0.05 |
| 0450C | 9/4/2001 | L21953-8 | Aroclor 1221 | | ug/L | <MDL | 0.025 | 0.05 |
| 0450C | 9/4/2001 | L21953-8 | Aroclor 1232 | | ug/L | <MDL | 0.025 | 0.05 |
| 0450C | 9/4/2001 | L21953-8 | Aroclor 1242 | | ug/L | <MDL | 0.025 | 0.05 |
| 0450C | 9/4/2001 | L21953-8 | Aroclor 1248 | | ug/L | <MDL | 0.025 | 0.05 |
| 0450C | 9/4/2001 | L21953-8 | Aroclor 1254 | | ug/L | <MDL | 0.025 | 0.05 |
| 0450C | 9/4/2001 | L21953-8 | Aroclor 1260 | | ug/L | <MDL | 0.025 | 0.05 |
| 0450C | 9/4/2001 | L21953-8 | Arsenic, Dissolved, ICP-MS | 0.00124 | mg/L | | 0.0001 | 0.0005 |
| 0450C | 9/4/2001 | L21953-8 | Arsenic, Total, ICP-MS | 0.00152 | mg/L | | 0.0001 | 0.0005 |
| 0450C | 9/4/2001 | L21953-8 | Barium, Dissolved, ICP-MS | 0.00584 | mg/L | | 0.000025 | 0.000125 |
| 0450C | 9/4/2001 | L21953-8 | Barium, Total, ICP-MS | 0.00701 | mg/L | | 0.0002 | 0.001 |
| 0450C | 9/4/2001 | L21953-8 | Benzo(a)anthracene | | ug/L | <MDL | 0.038 | 0.0758 |
| 0450C | 9/4/2001 | L21953-8 | Benzo(a)pyrene | | ug/L | <MDL | 0.057 | 0.114 |
| 0450C | 9/4/2001 | L21953-8 | Benzo(b)fluoranthene | | ug/L | <MDL | 0.057 | 0.114 |
| 0450C | 9/4/2001 | L21953-8 | Benzo(g,h,i)perylene | | ug/L | <MDL | 0.15 | 0.303 |
| 0450C | 9/4/2001 | L21953-8 | Benzo(k)fluoranthene | | ug/L | <MDL | 0.057 | 0.114 |
| 0450C | 9/4/2001 | L21953-8 | Benzoic Acid | | ug/L | <MDL,G | 0.11 | 0.227 |
| 0450C | 9/4/2001 | L21953-8 | Benzyl Alcohol | | ug/L | <MDL | 0.11 | 0.227 |
| 0450C | 9/4/2001 | L21953-8 | Benzyl Butyl Phthalate | | ug/L | <MDL | 0.11 | 0.227 |
| 0450C | 9/4/2001 | L21953-8 | Beryllium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| 0450C | 9/4/2001 | L21953-8 | Beryllium, Total, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| 0450C | 9/4/2001 | L21953-8 | Beta-BHC | | ug/L | <MDL | 0.0025 | 0.005 |
| 0450C | 9/4/2001 | L21953-8 | Bis(2-Chloroethoxy)Methane | | ug/L | <MDL | 0.32 | 0.644 |
| 0450C | 9/4/2001 | L21953-8 | Bis(2-Chloroethyl)Ether | | ug/L | <MDL | 0.28 | 0.568 |
| 0450C | 9/4/2001 | L21953-8 | Bis(2-Chloroisopropyl)Ether | | ug/L | <MDL | 0.28 | 0.568 |
| 0450C | 9/4/2001 | L21953-8 | Bis(2-Ethylhexyl)Phthalate | | ug/L | B,L | 7.05 | 0.265 |
| 0450C | 9/4/2001 | L21953-8 | Cadmium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| 0450C | 9/4/2001 | L21953-8 | Cadmium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| 0450C | 9/4/2001 | L21953-8 | Caffeine | | ug/L | <MDL | 0.11 | 0.227 |
| 0450C | 9/4/2001 | L21953-8 | Calcium, Dissolved, ICP | 12.7 | mg/L | | 0.05 | 0.25 |
| 0450C | 9/4/2001 | L21953-8 | Calcium, Total, ICP | 12.6 | mg/L | | 0.05 | 0.25 |
| 0450C | 9/4/2001 | L21953-8 | Carbazole | | ug/L | <MDL | 0.13 | 0.265 |
| 0450C | 9/4/2001 | L21953-8 | Chlordane | | ug/L | <MDL | 0.013 | 0.025 |
| 0450C | 9/4/2001 | L21953-8 | Chlorpyrifos | | ug/L | <MDL | 0.035 | 0.0515 |
| 0450C | 9/4/2001 | L21953-8 | Chromium, Dissolved, ICP-MS | 0.00024 | mg/L | <RDL | 0.00005 | 0.00025 |
| 0450C | 9/4/2001 | L21953-8 | Chromium, Total, ICP-MS | 0.000337 | mg/L | | 0.00005 | 0.00025 |
| 0450C | 9/4/2001 | L21953-8 | Chrysene | | ug/L | <MDL | 0.076 | 0.152 |
| 0450C | 9/4/2001 | L21953-8 | Cobalt, Dissolved, ICP-MS | 6.01E-05 | mg/L | | 0.00001 | 0.00005 |
| 0450C | 9/4/2001 | L21953-8 | Cobalt, Total, ICP-MS | 7.67E-05 | mg/L | | 0.00001 | 0.00005 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0450C | 9/4/2001 | L21953-8 | Copper, Dissolved, ICP-MS | 0.00046 | mg/L | <RDL | 0.0001 | 0.0005 |
| 0450C | 9/4/2001 | L21953-8 | Copper, Total, ICP-MS | 0.000621 | mg/L | | 0.0001 | 0.0005 |
| 0450C | 9/4/2001 | L21953-8 | Coprostanol | | ug/L | <MDL,G | 0.27 | 0.53 |
| 0450C | 9/4/2001 | L21953-8 | Dalapon | | ug/L | <MDL | 0.012 | 0.08 |
| 0450C | 9/4/2001 | L21953-8 | Delta-BHC | | ug/L | <MDL | 0.0025 | 0.005 |
| 0450C | 9/4/2001 | L21953-8 | Diazinon | | ug/L | <MDL | 0.044 | 0.0515 |
| 0450C | 9/4/2001 | L21953-8 | Dibenzo(a,h)anthracene | | ug/L | <MDL | 0.13 | 0.265 |
| 0450C | 9/4/2001 | L21953-8 | Dibenzofuran | | ug/L | <MDL,G | 0.27 | 0.53 |
| 0450C | 9/4/2001 | L21953-8 | Dicamba | | ug/L | <MDL | 0.022 | 0.08 |
| 0450C | 9/4/2001 | L21953-8 | Dichloroprop | | ug/L | <MDL | 0.011 | 0.08 |
| 0450C | 9/4/2001 | L21953-8 | Dieldrin | | ug/L | <MDL | 0.0025 | 0.005 |
| 0450C | 9/4/2001 | L21953-8 | Diethyl Phthalate | | ug/L | <MDL | 0.11 | 0.227 |
| 0450C | 9/4/2001 | L21953-8 | Dimethyl Phthalate | | ug/L | <MDL | 0.21 | 0.417 |
| 0450C | 9/4/2001 | L21953-8 | Di-N-Butyl Phthalate | | ug/L | B,L | 1.2 | 0.189 |
| 0450C | 9/4/2001 | L21953-8 | Di-N-Octyl Phthalate | | ug/L | <MDL | 0.15 | 0.303 |
| 0450C | 9/4/2001 | L21953-8 | Dinoseb | | ug/L | <MDL | 0.029 | 0.08 |
| 0450C | 9/4/2001 | L21953-8 | Disulfoton | | ug/L | <MDL | 0.028 | 0.0515 |
| 0450C | 9/4/2001 | L21953-8 | Endosulfan I | | ug/L | <MDL | 0.0025 | 0.005 |
| 0450C | 9/4/2001 | L21953-8 | Endosulfan II | | ug/L | <MDL | 0.0025 | 0.005 |
| 0450C | 9/4/2001 | L21953-8 | Endosulfan Sulfate | | ug/L | <MDL | 0.0025 | 0.005 |
| 0450C | 9/4/2001 | L21953-8 | Endrin | | ug/L | <MDL | 0.0025 | 0.005 |
| 0450C | 9/4/2001 | L21953-8 | Endrin Aldehyde | | ug/L | <MDL | 0.0025 | 0.005 |
| 0450C | 9/4/2001 | L21953-8 | Enterococcus | 29 | CFU/100ml | | | |
| 0450C | 9/4/2001 | L21953-8 | Escherichia coli | 90 | CFU/100ml | | | |
| 0450C | 9/4/2001 | L21953-8 | Fecal Coliform | 110 | CFU/100ml | | | |
| 0450C | 9/4/2001 | L21953-8 | Fluoranthene | | ug/L | <MDL | 0.15 | 0.303 |
| 0450C | 9/4/2001 | L21953-8 | Fluorene | | ug/L | <MDL | 0.25 | 0.492 |
| 0450C | 9/4/2001 | L21953-8 | Fluoride | | mg/L | <MDL | 0.05 | 0.1 |
| 0450C | 9/4/2001 | L21953-8 | Gamma-BHC (Lindane) | | ug/L | <MDL | 0.0025 | 0.005 |
| 0450C | 9/4/2001 | L21953-8 | Hardness, Calc | 58.7 | mg CaCO3/L | | 0.2 | 1.25 |
| 0450C | 9/4/2001 | L21953-8 | Heptachlor | | ug/L | <MDL | 0.0025 | 0.005 |
| 0450C | 9/4/2001 | L21953-8 | Heptachlor Epoxide | | ug/L | <MDL | 0.0025 | 0.005 |
| 0450C | 9/4/2001 | L21953-8 | Hexachlorobenzene | | ug/L | <MDL | 0.013 | 0.0252 |
| 0450C | 9/4/2001 | L21953-8 | Hexachlorobutadiene | | ug/L | <MDL,G | 0.014 | 0.0284 |
| 0450C | 9/4/2001 | L21953-8 | Hexachlorocyclopentadiene | | ug/L | <MDL,G | 0.13 | 0.253 |
| 0450C | 9/4/2001 | L21953-8 | Hexachloroethane | | ug/L | <MDL,G | 0.28 | 0.568 |
| 0450C | 9/4/2001 | L21953-8 | Indeno(1,2,3-Cd)Pyrene | | ug/L | <MDL | 0.17 | 0.341 |
| 0450C | 9/4/2001 | L21953-8 | Iron, Dissolved, ICP | 0.319 | mg/L | | 0.05 | 0.25 |
| 0450C | 9/4/2001 | L21953-8 | Iron, Total, ICP | 0.529 | mg/L | | 0.05 | 0.25 |
| 0450C | 9/4/2001 | L21953-8 | Isophorone | | ug/L | <MDL | 0.36 | 0.72 |
| 0450C | 9/4/2001 | L21953-8 | Lead, Dissolved, ICP-MS | 0.000032 | mg/L | <RDL | 0.000025 | 0.000125 |
| 0450C | 9/4/2001 | L21953-8 | Lead, Total, ICP-MS | 0.000059 | mg/L | <RDL | 0.000025 | 0.000125 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0450C | 9/4/2001 | L21953-8 | Magnesium, Dissolved, ICP | 6.84 | mg/L | | 0.03 | 0.15 |
| 0450C | 9/4/2001 | L21953-8 | Magnesium, Total, ICP | 6.65 | mg/L | | 0.03 | 0.15 |
| 0450C | 9/4/2001 | L21953-8 | Malathion | | ug/L | <MDL | 0.049 | 0.0515 |
| 0450C | 9/4/2001 | L21953-8 | MCPA | | ug/L | <MDL | 0.011 | 0.08 |
| 0450C | 9/4/2001 | L21953-8 | MCPP | | ug/L | <MDL | 0.013 | 0.08 |
| 0450C | 9/4/2001 | L21953-8 | Mercury, Dissolved, CVAF | 6.03E-07 | mg/L | | 0.0000001 | 5E-07 |
| 0450C | 9/4/2001 | L21953-8 | Mercury, Total, CVAF | 7.41E-07 | mg/L | | 0.0000001 | 5E-07 |
| 0450C | 9/4/2001 | L21953-8 | Methoxychlor | | ug/L | <MDL | 0.013 | 0.025 |
| 0450C | 9/4/2001 | L21953-8 | Molybdenum, Dissolved, ICP-MS | 0.00027 | mg/L | | 0.00001 | 0.00005 |
| 0450C | 9/4/2001 | L21953-8 | Molybdenum, Total, ICP-MS | 0.000315 | mg/L | | 0.00001 | 0.00005 |
| 0450C | 9/4/2001 | L21953-8 | Naphthalene | | ug/L | <MDL,G | 0.27 | 0.53 |
| 0450C | 9/4/2001 | L21953-8 | Nickel, Dissolved, ICP-MS | 0.000657 | mg/L | | 0.00005 | 0.00025 |
| 0450C | 9/4/2001 | L21953-8 | Nickel, Total, ICP-MS | 0.000738 | mg/L | | 0.00005 | 0.00025 |
| 0450C | 9/4/2001 | L21953-8 | Nitrate Nitrogen | 0.233 | mg/L | | 0.02 | 0.04 |
| 0450C | 9/4/2001 | L21953-8 | Nitrite + Nitrate Nitrogen | 0.233 | mg/L | | 0.02 | 0.04 |
| 0450C | 9/4/2001 | L21953-8 | Nitrobenzene | | ug/L | <MDL,G | 0.3 | 0.606 |
| 0450C | 9/4/2001 | L21953-8 | N-Nitrosodimethylamine | | ug/L | <MDL | 0.38 | 0.758 |
| 0450C | 9/4/2001 | L21953-8 | N-Nitrosodi-N-Propylamine | | ug/L | <MDL | 0.17 | 0.341 |
| 0450C | 9/4/2001 | L21953-8 | N-Nitrosodiphenylamine | | ug/L | <MDL | 0.38 | 0.758 |
| 0450C | 9/4/2001 | L21953-8 | Ortho Phosphorus | 0.0118 | mg/L | | 0.002 | 0.005 |
| 0450C | 9/4/2001 | L21953-8 | Parathion-Ethyl | | ug/L | <MDL | 0.046 | 0.0515 |
| 0450C | 9/4/2001 | L21953-8 | Parathion-Methyl | | ug/L | <MDL | 0.037 | 0.0515 |
| 0450C | 9/4/2001 | L21953-8 | Pentachlorophenol | | ug/L | <MDL | 0.095 | 0.189 |
| 0450C | 9/4/2001 | L21953-8 | Phenanthrene | | ug/L | <MDL | 0.076 | 0.152 |
| 0450C | 9/4/2001 | L21953-8 | Phenol | | ug/L | <MDL | 0.17 | 0.341 |
| 0450C | 9/4/2001 | L21953-8 | Phorate | | ug/L | <MDL | 0.034 | 0.0515 |
| 0450C | 9/4/2001 | L21953-8 | Pyrene | | ug/L | <MDL | 0.076 | 0.152 |
| 0450C | 9/4/2001 | L21953-8 | Pyridine | | ug/L | <MDL,G | 0.51 | 1.01 |
| 0450C | 9/4/2001 | L21953-8 | Sample Start Time | | hr | | | |
| 0450C | 9/4/2001 | L21953-8 | Selenium, Dissolved, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| 0450C | 9/4/2001 | L21953-8 | Selenium, Total, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| 0450C | 9/4/2001 | L21953-8 | Silver, Dissolved, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| 0450C | 9/4/2001 | L21953-8 | Silver, Total, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| 0450C | 9/4/2001 | L21953-8 | Thallium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| 0450C | 9/4/2001 | L21953-8 | Thallium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| 0450C | 9/4/2001 | L21953-8 | Total Suspended Solids | 0.81 | mg/L | <RDL | 0.5 | 1 |
| 0450C | 9/4/2001 | L21953-8 | Toxaphene | | ug/L | <MDL | 0.025 | 0.05 |
| 0450C | 9/4/2001 | L21953-8 | Vanadium, Dissolved, ICP-MS | 0.000597 | mg/L | | 0.000025 | 0.000125 |
| 0450C | 9/4/2001 | L21953-8 | Vanadium, Total, ICP-MS | 0.000829 | mg/L | | 0.000025 | 0.000125 |
| 0450C | 9/4/2001 | L21953-8 | Zinc, Dissolved, ICP-MS | | mg/L | <RDL,B | 0.00255 | 0.00075 |
| 0450C | 9/4/2001 | L21953-8 | Zinc, Total, ICP-MS | 0.000758 | mg/L | | 0.00015 | 0.00075 |
| 0450C | 10/7/2002 | L25875-8 | 1,2,4-Trichlorobenzene | | ug/L | <MDL | 0.025 | 0.05 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0450C | 10/7/2002 | L25875-8 | 1,2-Dichlorobenzene | | ug/L | <MDL | 0.005 | 0.01 |
| 0450C | 10/7/2002 | L25875-8 | 1,2-Diphenylhydrazine | | ug/L | <MDL | 0.05 | 0.1 |
| 0450C | 10/7/2002 | L25875-8 | 1,3-Dichlorobenzene | | ug/L | <MDL | 0.005 | 0.01 |
| 0450C | 10/7/2002 | L25875-8 | 1,4-Dichlorobenzene | | ug/L | <MDL | 0.005 | 0.01 |
| 0450C | 10/7/2002 | L25875-8 | 2,4,5-T | | ug/L | <MDL | 0.048 | 0.161 |
| 0450C | 10/7/2002 | L25875-8 | 2,4,5-TP (Silvex) | | ug/L | <MDL | 0.016 | 0.0806 |
| 0450C | 10/7/2002 | L25875-8 | 2,4,5-Trichlorophenol | | ug/L | <MDL | 0.05 | 0.25 |
| 0450C | 10/7/2002 | L25875-8 | 2,4,6-Trichlorophenol | | ug/L | <MDL | 0.05 | 0.25 |
| 0450C | 10/7/2002 | L25875-8 | 2,4-D | | ug/L | <MDL | 0.038 | 0.121 |
| 0450C | 10/7/2002 | L25875-8 | 2,4-DB | | ug/L | <MDL | 0.044 | 0.121 |
| 0450C | 10/7/2002 | L25875-8 | 2,4-Dichlorophenol | | ug/L | <MDL | 0.025 | 0.25 |
| 0450C | 10/7/2002 | L25875-8 | 2,4-Dimethylphenol | | ug/L | <MDL | 0.025 | 0.25 |
| 0450C | 10/7/2002 | L25875-8 | 2,4-Dinitrophenol | | ug/L | <MDL | 0.25 | 2.5 |
| 0450C | 10/7/2002 | L25875-8 | 2,4-Dinitrotoluene | | ug/L | <MDL | 0.5 | 1 |
| 0450C | 10/7/2002 | L25875-8 | 2,6-Dinitrotoluene | | ug/L | <MDL | 0.5 | 1 |
| 0450C | 10/7/2002 | L25875-8 | 2-Chloronaphthalene | | ug/L | <MDL | 0.01 | 0.025 |
| 0450C | 10/7/2002 | L25875-8 | 2-Chlorophenol | | ug/L | <MDL | 0.01 | 0.025 |
| 0450C | 10/7/2002 | L25875-8 | 2-Methylnaphthalene | | ug/L | <MDL | 0.025 | 0.05 |
| 0450C | 10/7/2002 | L25875-8 | 2-Methylphenol | | ug/L | <MDL | 0.025 | 0.125 |
| 0450C | 10/7/2002 | L25875-8 | 2-Nitroaniline | | ug/L | <MDL | 0.5 | 1 |
| 0450C | 10/7/2002 | L25875-8 | 2-Nitrophenol | | ug/L | <MDL | 0.05 | 0.25 |
| 0450C | 10/7/2002 | L25875-8 | 3,3'-Dichlorobenzidine | | ug/L | <MDL | 0.05 | 0.1 |
| 0450C | 10/7/2002 | L25875-8 | 3-Methylphenol | | ug/L | <MDL | 0.025 | 0.125 |
| 0450C | 10/7/2002 | L25875-8 | 3-Nitroaniline | | ug/L | <MDL | 0.13 | 0.5 |
| 0450C | 10/7/2002 | L25875-8 | 4,4'-DDD | | ug/L | <MDL | 0.0012 | 0.00244 |
| 0450C | 10/7/2002 | L25875-8 | 4,4'-DDE | | ug/L | <MDL | 0.0012 | 0.00244 |
| 0450C | 10/7/2002 | L25875-8 | 4,4'-DDT | | ug/L | <MDL | 0.0012 | 0.00244 |
| 0450C | 10/7/2002 | L25875-8 | 4,6-Dinitro-O-Cresol | | ug/L | <MDL | 0.25 | 2.5 |
| 0450C | 10/7/2002 | L25875-8 | 4-Bromophenyl Phenyl Ether | | ug/L | <MDL | 0.05 | 0.1 |
| 0450C | 10/7/2002 | L25875-8 | 4-Chloro-3-Methylphenol | | ug/L | <MDL | 0.05 | 0.25 |
| 0450C | 10/7/2002 | L25875-8 | 4-Chloroaniline | | ug/L | <MDL | 0.025 | 0.125 |
| 0450C | 10/7/2002 | L25875-8 | 4-Chlorophenyl Phenyl Ether | | ug/L | <MDL | 0.025 | 0.05 |
| 0450C | 10/7/2002 | L25875-8 | 4-Methylphenol | | ug/L | <MDL | 0.025 | 0.125 |
| 0450C | 10/7/2002 | L25875-8 | 4-Nitroaniline | | ug/L | <MDL | 0.5 | 1 |
| 0450C | 10/7/2002 | L25875-8 | 4-Nitrophenol | | ug/L | <MDL | 0.25 | 2.5 |
| 0450C | 10/7/2002 | L25875-8 | Acenaphthene | | ug/L | <MDL | 0.005 | 0.01 |
| 0450C | 10/7/2002 | L25875-8 | Acenaphthylene | | ug/L | <MDL | 0.05 | 0.1 |
| 0450C | 10/7/2002 | L25875-8 | Aldrin | | ug/L | <MDL | 0.0012 | 0.00244 |
| 0450C | 10/7/2002 | L25875-8 | Alpha-BHC | | ug/L | <MDL | 0.00061 | 0.00122 |
| 0450C | 10/7/2002 | L25875-8 | Alpha-Chlordane | | ug/L | <MDL | 0.00061 | 0.00122 |
| 0450C | 10/7/2002 | L25875-8 | Aluminum, Dissolved, ICP-MS | 0.0057 | mg/L | <RDL | 0.002 | 0.01 |
| 0450C | 10/7/2002 | L25875-8 | Aluminum, Total, ICP-MS | 0.0394 | mg/L | | 0.002 | 0.01 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0450C | 10/7/2002 | L25875-8 | Ammonia Nitrogen | 0.0832 | mg/L | | 0.01 | 0.02 |
| 0450C | 10/7/2002 | L25875-8 | Aniline | | ug/L | <MDL | 0.05 | 0.1 |
| 0450C | 10/7/2002 | L25875-8 | Anthracene | | ug/L | <MDL | 0.01 | 0.025 |
| 0450C | 10/7/2002 | L25875-8 | Antimony, Dissolved, ICP-MS | 7.03E-05 | mg/L | | 0.00001 | 0.00005 |
| 0450C | 10/7/2002 | L25875-8 | Antimony, Total, ICP-MS | 7.25E-05 | mg/L | | 0.00001 | 0.00005 |
| 0450C | 10/7/2002 | L25875-8 | Aroclor 1016 | | ug/L | <MDL | 0.0061 | 0.0122 |
| 0450C | 10/7/2002 | L25875-8 | Aroclor 1221 | | ug/L | <MDL | 0.012 | 0.0244 |
| 0450C | 10/7/2002 | L25875-8 | Aroclor 1232 | | ug/L | <MDL | 0.012 | 0.0244 |
| 0450C | 10/7/2002 | L25875-8 | Aroclor 1242 | | ug/L | <MDL | 0.0061 | 0.0122 |
| 0450C | 10/7/2002 | L25875-8 | Aroclor 1248 | | ug/L | <MDL | 0.0061 | 0.0122 |
| 0450C | 10/7/2002 | L25875-8 | Aroclor 1254 | | ug/L | <MDL | 0.0061 | 0.0122 |
| 0450C | 10/7/2002 | L25875-8 | Aroclor 1260 | | ug/L | <MDL | 0.0061 | 0.0122 |
| 0450C | 10/7/2002 | L25875-8 | Arsenic, Dissolved, ICP-MS | 0.00114 | mg/L | | 0.0001 | 0.0005 |
| 0450C | 10/7/2002 | L25875-8 | Arsenic, Total, ICP-MS | 0.00132 | mg/L | | 0.0001 | 0.0005 |
| 0450C | 10/7/2002 | L25875-8 | Atrazine | | ug/L | <MDL | 0.05 | 0.25 |
| 0450C | 10/7/2002 | L25875-8 | Barium, Dissolved, ICP-MS | 0.0071 | mg/L | | 0.0002 | 0.001 |
| 0450C | 10/7/2002 | L25875-8 | Barium, Total, ICP-MS | 0.0075 | mg/L | | 0.0002 | 0.001 |
| 0450C | 10/7/2002 | L25875-8 | Benzidine | | ug/L | <MDL | 0.5 | 5 |
| 0450C | 10/7/2002 | L25875-8 | Benzo(a)anthracene | | ug/L | <MDL | 0.005 | 0.01 |
| 0450C | 10/7/2002 | L25875-8 | Benzo(a)pyrene | | ug/L | <MDL | 0.025 | 0.05 |
| 0450C | 10/7/2002 | L25875-8 | Benzo(b)fluoranthene | | ug/L | <MDL | 0.025 | 0.05 |
| 0450C | 10/7/2002 | L25875-8 | Benzo(g,h,i)perylene | | ug/L | <MDL | 0.025 | 0.05 |
| 0450C | 10/7/2002 | L25875-8 | Benzo(k)fluoranthene | | ug/L | <MDL | 0.025 | 0.05 |
| 0450C | 10/7/2002 | L25875-8 | Benzoic Acid | | ug/L | <MDL | 0.25 | 2.5 |
| 0450C | 10/7/2002 | L25875-8 | Benzyl Alcohol | | ug/L | <MDL | 0.05 | 0.25 |
| 0450C | 10/7/2002 | L25875-8 | Benzyl Butyl Phthalate | | ug/L | <RDL,B | 1.55 | 0.5 |
| 0450C | 10/7/2002 | L25875-8 | Beryllium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| 0450C | 10/7/2002 | L25875-8 | Beryllium, Total, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| 0450C | 10/7/2002 | L25875-8 | Beta-BHC | | ug/L | <MDL | 0.00061 | 0.00122 |
| 0450C | 10/7/2002 | L25875-8 | Bis(2-Chloroethoxy)Methane | | ug/L | <MDL | 0.025 | 0.05 |
| 0450C | 10/7/2002 | L25875-8 | Bis(2-Chloroethyl)Ether | | ug/L | <MDL | 0.025 | 0.05 |
| 0450C | 10/7/2002 | L25875-8 | Bis(2-Chloroisopropyl)Ether | | ug/L | <MDL | 0.01 | 0.025 |
| 0450C | 10/7/2002 | L25875-8 | Bis(2-ethylhexyl)adipate | | ug/L | <RDL,B | 1.05 | 0.5 |
| 0450C | 10/7/2002 | L25875-8 | Bis(2-Ethylhexyl)Phthalate | | ug/L | B | 2.25 | 0.05 |
| 0450C | 10/7/2002 | L25875-8 | Bisphenol A | | ug/L | <MDL | 0.13 | 0.5 |
| 0450C | 10/7/2002 | L25875-8 | Cadmium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| 0450C | 10/7/2002 | L25875-8 | Cadmium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| 0450C | 10/7/2002 | L25875-8 | Caffeine | | ug/L | <MDL | 0.025 | 0.05 |
| 0450C | 10/7/2002 | L25875-8 | Calcium, Dissolved, ICP | 12.3 | mg/L | | 0.05 | 0.25 |
| 0450C | 10/7/2002 | L25875-8 | Calcium, Total, ICP | 11.7 | mg/L | | 0.05 | 0.25 |
| 0450C | 10/7/2002 | L25875-8 | Carbazole | | ug/L | <MDL | 0.01 | 0.025 |
| 0450C | 10/7/2002 | L25875-8 | Chlordecone (Kepone) | | ug/L | <MDL | 0.13 | 0.5 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0450C | 10/7/2002 | L25875-8 | Chlorpyrifos | | ug/L | <MDL | 0.032 | 0.0472 |
| 0450C | 10/7/2002 | L25875-8 | Chromium, Dissolved, ICP-MS | 0.000261 | mg/L | | 0.00005 | 0.00025 |
| 0450C | 10/7/2002 | L25875-8 | Chromium, Total, ICP-MS | 0.000409 | mg/L | | 0.00005 | 0.00025 |
| 0450C | 10/7/2002 | L25875-8 | Chrysene | | ug/L | <MDL | 0.01 | 0.025 |
| 0450C | 10/7/2002 | L25875-8 | Cobalt, Dissolved, ICP-MS | 5.52E-05 | mg/L | | 0.00001 | 0.00005 |
| 0450C | 10/7/2002 | L25875-8 | Conductivity, Field | 144 | umhos/cm | | | |
| 0450C | 10/7/2002 | L25875-8 | Copper, Dissolved, ICP-MS | 0.000548 | mg/L | | 0.0001 | 0.0005 |
| 0450C | 10/7/2002 | L25875-8 | Copper, Total, ICP-MS | 0.000611 | mg/L | | 0.0001 | 0.0005 |
| 0450C | 10/7/2002 | L25875-8 | Coprostanol | | ug/L | <MDL | 1.3 | 10 |
| 0450C | 10/7/2002 | L25875-8 | Dalapon | | ug/L | <MDL | 0.048 | 0.161 |
| 0450C | 10/7/2002 | L25875-8 | Delta-BHC | | ug/L | <MDL | 0.00061 | 0.00122 |
| 0450C | 10/7/2002 | L25875-8 | Diazinon | | ug/L | <MDL | 0.041 | 0.0472 |
| 0450C | 10/7/2002 | L25875-8 | Diazinon | | ug/L | <MDL | 0.05 | 0.25 |
| 0450C | 10/7/2002 | L25875-8 | Dibenzo(a,h)anthracene | | ug/L | <MDL | 0.025 | 0.05 |
| 0450C | 10/7/2002 | L25875-8 | Dibenzofuran | | ug/L | <MDL | 0.01 | 0.025 |
| 0450C | 10/7/2002 | L25875-8 | Dicamba | | ug/L | <MDL | 0.039 | 0.121 |
| 0450C | 10/7/2002 | L25875-8 | Dichloroprop | | ug/L | <MDL | 0.016 | 0.0806 |
| 0450C | 10/7/2002 | L25875-8 | Dieldrin | | ug/L | <MDL | 0.0012 | 0.00244 |
| 0450C | 10/7/2002 | L25875-8 | Diethyl Phthalate | 0.082 | ug/L | <RDL | 0.025 | 0.1 |
| 0450C | 10/7/2002 | L25875-8 | Dimethyl Phthalate | | ug/L | <MDL | 0.025 | 0.05 |
| 0450C | 10/7/2002 | L25875-8 | Di-N-Butyl Phthalate | | ug/L | B | 1.15 | 0.25 |
| 0450C | 10/7/2002 | L25875-8 | Di-N-Octyl Phthalate | | ug/L | <MDL | 0.025 | 0.05 |
| 0450C | 10/7/2002 | L25875-8 | Dinoseb | | ug/L | <MDL | 0.047 | 0.161 |
| 0450C | 10/7/2002 | L25875-8 | Dissolved Oxygen, Field | 8.5 | mg/L | | | |
| 0450C | 10/7/2002 | L25875-8 | Disulfoton | | ug/L | <MDL | 0.025 | 0.0472 |
| 0450C | 10/7/2002 | L25875-8 | Endosulfan I | | ug/L | <MDL | 0.0012 | 0.00244 |
| 0450C | 10/7/2002 | L25875-8 | Endosulfan II | | ug/L | <MDL | 0.0012 | 0.00244 |
| 0450C | 10/7/2002 | L25875-8 | Endosulfan Sulfate | | ug/L | <MDL | 0.0012 | 0.00244 |
| 0450C | 10/7/2002 | L25875-8 | Endrin | | ug/L | <MDL | 0.0012 | 0.00244 |
| 0450C | 10/7/2002 | L25875-8 | Endrin Aldehyde | | ug/L | <MDL | 0.0024 | 0.00488 |
| 0450C | 10/7/2002 | L25875-8 | Enterococcus | 130 | CFU/100ml | | | |
| 0450C | 10/7/2002 | L25875-8 | Escherichia coli | 180 | CFU/100ml | | | |
| 0450C | 10/7/2002 | L25875-8 | Estradiol | | ug/L | <MDL | 0.13 | 0.5 |
| 0450C | 10/7/2002 | L25875-8 | Estrone | | ug/L | <MDL | 0.13 | 0.5 |
| 0450C | 10/7/2002 | L25875-8 | Ethynyl estradiol | | ug/L | <MDL | 0.13 | 0.5 |
| 0450C | 10/7/2002 | L25875-8 | Fecal Coliform | 83 | CFU/100ml | | | |
| 0450C | 10/7/2002 | L25875-8 | Fluoranthene | | ug/L | <MDL | 0.025 | 0.05 |
| 0450C | 10/7/2002 | L25875-8 | Fluorene | | ug/L | <MDL | 0.025 | 0.05 |
| 0450C | 10/7/2002 | L25875-8 | Fluoride | 0.0518 | mg/L | | 0.02 | 0.04 |
| 0450C | 10/7/2002 | L25875-8 | Gamma-BHC (Lindane) | | ug/L | <MDL | 0.00061 | 0.00122 |
| 0450C | 10/7/2002 | L25875-8 | Gamma-Chlordane | | ug/L | <MDL | 0.00061 | 0.00122 |
| 0450C | 10/7/2002 | L25875-8 | Hardness, Calc | 55.8 | mg CaCO3/L | | 0.2 | 1.25 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0450C | 10/7/2002 | L25875-8 | Heptachlor | | ug/L | <MDL | 0.00061 | 0.00122 |
| 0450C | 10/7/2002 | L25875-8 | Heptachlor Epoxide | | ug/L | <MDL | 0.00061 | 0.00122 |
| 0450C | 10/7/2002 | L25875-8 | Hexachlorobenzene | | ug/L | <MDL | 0.025 | 0.05 |
| 0450C | 10/7/2002 | L25875-8 | Hexachlorobutadiene | | ug/L | <MDL | 0.025 | 0.05 |
| 0450C | 10/7/2002 | L25875-8 | Hexachlorocyclopentadiene | | ug/L | <MDL | 0.05 | 0.5 |
| 0450C | 10/7/2002 | L25875-8 | Hexachloroethane | | ug/L | <MDL | 0.025 | 0.05 |
| 0450C | 10/7/2002 | L25875-8 | Indeno(1,2,3-Cd)Pyrene | | ug/L | <MDL | 0.025 | 0.05 |
| 0450C | 10/7/2002 | L25875-8 | Iron, Dissolved, ICP | 0.266 | mg/L | | 0.05 | 0.25 |
| 0450C | 10/7/2002 | L25875-8 | Iron, Total, ICP | 0.458 | mg/L | | 0.05 | 0.25 |
| 0450C | 10/7/2002 | L25875-8 | Isophorone | | ug/L | <MDL | 0.25 | 0.05 |
| 0450C | 10/7/2002 | L25875-8 | Lead, Dissolved, ICP-MS | 0.000027 | mg/L | <RDL | 0.000025 | 0.000125 |
| 0450C | 10/7/2002 | L25875-8 | Lead, Total, ICP-MS | 0.000064 | mg/L | <RDL | 0.000025 | 0.000125 |
| 0450C | 10/7/2002 | L25875-8 | Magnesium, Dissolved, ICP | 6.75 | mg/L | | 0.03 | 0.15 |
| 0450C | 10/7/2002 | L25875-8 | Magnesium, Total, ICP | 6.48 | mg/L | | 0.03 | 0.15 |
| 0450C | 10/7/2002 | L25875-8 | Malathion | | ug/L | <MDL | 0.045 | 0.0472 |
| 0450C | 10/7/2002 | L25875-8 | MCPA | | ug/L | <MDL | 0.022 | 0.0806 |
| 0450C | 10/7/2002 | L25875-8 | MCPP | | ug/L | <MDL | 0.03 | 0.0806 |
| 0450C | 10/7/2002 | L25875-8 | Mercury, Dissolved, CVAF | 5.31E-07 | mg/L | | 0.0000001 | 5E-07 |
| 0450C | 10/7/2002 | L25875-8 | Mercury, Total, CVAF | 7.76E-07 | mg/L | | 0.0000001 | 5E-07 |
| 0450C | 10/7/2002 | L25875-8 | Methoxychlor | | ug/L | <MDL | 0.0061 | 0.0122 |
| 0450C | 10/7/2002 | L25875-8 | Methyltestosterone | | ug/L | <MDL | 0.13 | 0.5 |
| 0450C | 10/7/2002 | L25875-8 | Molybdenum, Dissolved, ICP-MS | 0.000319 | mg/L | | 0.00001 | 0.00005 |
| 0450C | 10/7/2002 | L25875-8 | Molybdenum, Total, ICP-MS | 0.000326 | mg/L | | 0.00001 | 0.00005 |
| 0450C | 10/7/2002 | L25875-8 | Naphthalene | | ug/L | <MDL | 0.01 | 0.025 |
| 0450C | 10/7/2002 | L25875-8 | Nickel, Dissolved, ICP-MS | 0.000682 | mg/L | | 0.00005 | 0.00025 |
| 0450C | 10/7/2002 | L25875-8 | Nickel, Total, ICP-MS | 0.00074 | mg/L | | 0.00005 | 0.00025 |
| 0450C | 10/7/2002 | L25875-8 | Nitrate Nitrogen | 0.395 | mg/L | | 0.02 | 0.04 |
| 0450C | 10/7/2002 | L25875-8 | Nitrite + Nitrate Nitrogen | 0.418 | mg/L | | 0.02 | 0.04 |
| 0450C | 10/7/2002 | L25875-8 | Nitrobenzene | | ug/L | <MDL | 0.05 | 0.1 |
| 0450C | 10/7/2002 | L25875-8 | N-Nitrosodimethylamine | | ug/L | <MDL | 0.05 | 0.125 |
| 0450C | 10/7/2002 | L25875-8 | N-Nitrosodi-N-Propylamine | | ug/L | <MDL | 0.05 | 0.1 |
| 0450C | 10/7/2002 | L25875-8 | N-Nitrosodiphenylamine | | ug/L | <MDL | 0.025 | 0.05 |
| 0450C | 10/7/2002 | L25875-8 | Ortho Phosphorus | 0.0154 | mg/L | | 0.002 | 0.005 |
| 0450C | 10/7/2002 | L25875-8 | Parathion-Ethyl | | ug/L | <MDL | 0.042 | 0.0472 |
| 0450C | 10/7/2002 | L25875-8 | Parathion-Methyl | | ug/L | <MDL | 0.034 | 0.0472 |
| 0450C | 10/7/2002 | L25875-8 | Pentachlorophenol | | ug/L | <MDL | 0.13 | 1 |
| 0450C | 10/7/2002 | L25875-8 | pH, Field | 6.8 | pH | | | |
| 0450C | 10/7/2002 | L25875-8 | Phenanthrene | | ug/L | <MDL | 0.01 | 0.025 |
| 0450C | 10/7/2002 | L25875-8 | Phenol | | ug/L | B | 0.09 | 0.01 |
| 0450C | 10/7/2002 | L25875-8 | Phorate | | ug/L | <MDL | 0.031 | 0.0472 |
| 0450C | 10/7/2002 | L25875-8 | Progesterone | | ug/L | <MDL | 0.13 | 0.5 |
| 0450C | 10/7/2002 | L25875-8 | Pyrene | | ug/L | <MDL | 0.01 | 0.025 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0450C | 10/7/2002 | L25875-8 | Pyridine | | ug/L | <MDL | 0.5 | 1 |
| 0450C | 10/7/2002 | L25875-8 | Sample Temperature, Field | 14.2 | deg C | | | |
| 0450C | 10/7/2002 | L25875-8 | Selenium, Dissolved, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| 0450C | 10/7/2002 | L25875-8 | Selenium, Total, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| 0450C | 10/7/2002 | L25875-8 | Silver, Dissolved, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| 0450C | 10/7/2002 | L25875-8 | Silver, Total, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| 0450C | 10/7/2002 | L25875-8 | Simazine | | ug/L | <MDL | 0.05 | 0.25 |
| 0450C | 10/7/2002 | L25875-8 | Testosterone | | ug/L | <MDL | 0.13 | 0.5 |
| 0450C | 10/7/2002 | L25875-8 | Thallium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| 0450C | 10/7/2002 | L25875-8 | Thallium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| 0450C | 10/7/2002 | L25875-8 | Total 4-Nonylphenol | | ug/L | <MDL | 0.13 | 0.5 |
| 0450C | 10/7/2002 | L25875-8 | Total Suspended Solids | 0.82 | mg/L | <RDL | 0.5 | 1 |
| 0450C | 10/7/2002 | L25875-8 | Toxaphene | | ug/L | <MDL | 0.012 | 0.0244 |
| 0450C | 10/7/2002 | L25875-8 | Vanadium, Dissolved, ICP-MS | 0.000687 | mg/L | | 0.000025 | 0.000125 |
| 0450C | 10/7/2002 | L25875-8 | Vanadium, Total, ICP-MS | 0.000856 | mg/L | | 0.000025 | 0.000125 |
| 0450C | 10/7/2002 | L25875-8 | Vinclozolin | | ug/L | <MDL | 0.13 | 0.5 |
| 0450C | 10/7/2002 | L25875-8 | Zinc, Dissolved, ICP-MS | | mg/L | B | 0.00545 | 0.00075 |
| 0450C | 10/7/2002 | L25875-8 | Zinc, Total, ICP-MS | 0.000895 | mg/L | | 0.00015 | 0.00075 |
| 0450C | 10/13/2003 | L29861-2 | 1,2,4-Trichlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450C | 10/13/2003 | L29861-2 | 1,2-Dichlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450C | 10/13/2003 | L29861-2 | 1,2-Diphenylhydrazine | | ug/L | <MDL | 0.047 | 0.0943 |
| 0450C | 10/13/2003 | L29861-2 | 1,3-Dichlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450C | 10/13/2003 | L29861-2 | 1,4-Dichlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450C | 10/13/2003 | L29861-2 | 2,4,5-T | | ug/L | <MDL | 0.016 | 0.08 |
| 0450C | 10/13/2003 | L29861-2 | 2,4,5-TP (Silvex) | | ug/L | <MDL | 0.041 | 0.12 |
| 0450C | 10/13/2003 | L29861-2 | 2,4,5-Trichlorophenol | | ug/L | <MDL | 0.24 | 0.943 |
| 0450C | 10/13/2003 | L29861-2 | 2,4,6-Trichlorophenol | | ug/L | <MDL | 0.24 | 0.943 |
| 0450C | 10/13/2003 | L29861-2 | 2,4-D | | ug/L | <MDL | 0.015 | 0.08 |
| 0450C | 10/13/2003 | L29861-2 | 2,4-DB | | ug/L | <MDL | 0.024 | 0.08 |
| 0450C | 10/13/2003 | L29861-2 | 2,4-Dichlorophenol | | ug/L | <MDL | 0.024 | 0.236 |
| 0450C | 10/13/2003 | L29861-2 | 2,4-Dimethylphenol | | ug/L | <MDL | 0.024 | 0.236 |
| 0450C | 10/13/2003 | L29861-2 | 2,4-Dinitrophenol | | ug/L | <MDL | 0.24 | 2.36 |
| 0450C | 10/13/2003 | L29861-2 | 2,4-Dinitrotoluene | | ug/L | <MDL | 0.47 | 0.943 |
| 0450C | 10/13/2003 | L29861-2 | 2,6-Dinitrotoluene | | ug/L | <MDL | 0.47 | 0.943 |
| 0450C | 10/13/2003 | L29861-2 | 2-Chloronaphthalene | | ug/L | <MDL | 0.0094 | 0.0236 |
| 0450C | 10/13/2003 | L29861-2 | 2-Chlorophenol | | ug/L | <MDL | 0.0094 | 0.0236 |
| 0450C | 10/13/2003 | L29861-2 | 2-Methylnaphthalene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450C | 10/13/2003 | L29861-2 | 2-Methylphenol | | ug/L | <MDL | 0.024 | 0.118 |
| 0450C | 10/13/2003 | L29861-2 | 2-Nitroaniline | | ug/L | <MDL | 0.47 | 0.943 |
| 0450C | 10/13/2003 | L29861-2 | 2-Nitrophenol | | ug/L | <MDL | 0.094 | 0.236 |
| 0450C | 10/13/2003 | L29861-2 | 3,3'-Dichlorobenzidine | | ug/L | <MDL | 0.047 | 0.0943 |
| 0450C | 10/13/2003 | L29861-2 | 3-Methylphenol | | ug/L | <MDL | 0.024 | 0.118 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0450C | 10/13/2003 | L29861-2 | 3-Nitroaniline | | ug/L | <MDL | 0.12 | 0.472 |
| 0450C | 10/13/2003 | L29861-2 | 4,4'-DDD | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0450C | 10/13/2003 | L29861-2 | 4,4'-DDE | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0450C | 10/13/2003 | L29861-2 | 4,4'-DDT | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0450C | 10/13/2003 | L29861-2 | 4,6-Dinitro-O-Cresol | | ug/L | <MDL | 0.24 | 2.36 |
| 0450C | 10/13/2003 | L29861-2 | 4-Bromophenyl Phenyl Ether | | ug/L | <MDL | 0.047 | 0.0943 |
| 0450C | 10/13/2003 | L29861-2 | 4-Chloro-3-Methylphenol | | ug/L | <MDL | 0.24 | 0.943 |
| 0450C | 10/13/2003 | L29861-2 | 4-Chloroaniline | | ug/L | <MDL | 0.024 | 0.118 |
| 0450C | 10/13/2003 | L29861-2 | 4-Chlorophenyl Phenyl Ether | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450C | 10/13/2003 | L29861-2 | 4-Methylphenol | | ug/L | <MDL | 0.024 | 0.118 |
| 0450C | 10/13/2003 | L29861-2 | 4-Nitroaniline | | ug/L | <MDL | 0.47 | 0.943 |
| 0450C | 10/13/2003 | L29861-2 | 4-Nitrophenol | | ug/L | <MDL | 0.24 | 2.36 |
| 0450C | 10/13/2003 | L29861-2 | Acenaphthene | | ug/L | <MDL | 0.0047 | 0.00943 |
| 0450C | 10/13/2003 | L29861-2 | Acenaphthylene | | ug/L | <MDL | 0.047 | 0.0943 |
| 0450C | 10/13/2003 | L29861-2 | Aldrin | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0450C | 10/13/2003 | L29861-2 | Alpha-BHC | | ug/L | <MDL | 0.0012 | 0.00236 |
| 0450C | 10/13/2003 | L29861-2 | Alpha-Chlordane | | ug/L | <MDL | 0.0012 | 0.00236 |
| 0450C | 10/13/2003 | L29861-2 | Aluminum, Dissolved, ICP-MS | 0.0067 | mg/L | <RDL | 0.002 | 0.01 |
| 0450C | 10/13/2003 | L29861-2 | Aluminum, Total, ICP-MS | 0.0503 | mg/L | | 0.002 | 0.01 |
| 0450C | 10/13/2003 | L29861-2 | Ammonia Nitrogen | 0.018 | mg/L | <RDL | 0.01 | 0.02 |
| 0450C | 10/13/2003 | L29861-2 | Aniline | | ug/L | <MDL | 0.94 | 2.36 |
| 0450C | 10/13/2003 | L29861-2 | Anthracene | | ug/L | <MDL | 0.0094 | 0.0236 |
| 0450C | 10/13/2003 | L29861-2 | Antimony, Dissolved, ICP-MS | 8.76E-05 | mg/L | | 0.00001 | 0.00005 |
| 0450C | 10/13/2003 | L29861-2 | Antimony, Total, ICP-MS | 9.69E-05 | mg/L | | 0.00001 | 0.00005 |
| 0450C | 10/13/2003 | L29861-2 | Aroclor 1016 | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450C | 10/13/2003 | L29861-2 | Aroclor 1221 | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450C | 10/13/2003 | L29861-2 | Aroclor 1232 | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450C | 10/13/2003 | L29861-2 | Aroclor 1242 | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450C | 10/13/2003 | L29861-2 | Aroclor 1248 | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450C | 10/13/2003 | L29861-2 | Aroclor 1254 | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450C | 10/13/2003 | L29861-2 | Aroclor 1260 | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450C | 10/13/2003 | L29861-2 | Arsenic, Dissolved, ICP-MS | 0.00125 | mg/L | | 0.0001 | 0.0005 |
| 0450C | 10/13/2003 | L29861-2 | Arsenic, Total, ICP-MS | 0.00145 | mg/L | | 0.0001 | 0.0005 |
| 0450C | 10/13/2003 | L29861-2 | Atrazine | | ug/L | <MDL | 0.47 | 0.943 |
| 0450C | 10/13/2003 | L29861-2 | Barium, Dissolved, ICP-MS | 0.00732 | mg/L | | 0.000025 | 0.000125 |
| 0450C | 10/13/2003 | L29861-2 | Barium, Total, ICP-MS | 0.00769 | mg/L | | 0.000025 | 0.000125 |
| 0450C | 10/13/2003 | L29861-2 | Benzidine | | ug/L | <MDL | 0.94 | 4.72 |
| 0450C | 10/13/2003 | L29861-2 | Benzo(a)anthracene | 0.017 | ug/L | | 0.0047 | 0.00943 |
| 0450C | 10/13/2003 | L29861-2 | Benzo(a)pyrene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450C | 10/13/2003 | L29861-2 | Benzo(b)fluoranthene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450C | 10/13/2003 | L29861-2 | Benzo(g,h,i)perylene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450C | 10/13/2003 | L29861-2 | Benzo(k)fluoranthene | | ug/L | <MDL | 0.024 | 0.0472 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0450C | 10/13/2003 | L29861-2 | Benzoic Acid | | ug/L | <MDL | 0.24 | 2.36 |
| 0450C | 10/13/2003 | L29861-2 | Benzyl Alcohol | | ug/L | <MDL | 0.047 | 0.236 |
| 0450C | 10/13/2003 | L29861-2 | Benzyl Butyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| 0450C | 10/13/2003 | L29861-2 | Beryllium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| 0450C | 10/13/2003 | L29861-2 | Beryllium, Total, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| 0450C | 10/13/2003 | L29861-2 | Beta-BHC | | ug/L | <MDL | 0.0012 | 0.00236 |
| 0450C | 10/13/2003 | L29861-2 | Bis(2-Chloroethoxy)Methane | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450C | 10/13/2003 | L29861-2 | Bis(2-Chloroethyl)Ether | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450C | 10/13/2003 | L29861-2 | Bis(2-Chloroisopropyl)Ether | | ug/L | <MDL | 0.0094 | 0.0236 |
| 0450C | 10/13/2003 | L29861-2 | Bis(2-ethylhexyl)adipate | | ug/L | <RDL,B | 2.2 | 0.472 |
| 0450C | 10/13/2003 | L29861-2 | Bis(2-Ethylhexyl)Phthalate | | ug/L | <RDL,B | 8.95 | 0.472 |
| 0450C | 10/13/2003 | L29861-2 | Bisphenol A | 0.39 | ug/L | <RDL | 0.12 | 0.472 |
| 0450C | 10/13/2003 | L29861-2 | Cadmium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| 0450C | 10/13/2003 | L29861-2 | Cadmium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| 0450C | 10/13/2003 | L29861-2 | Caffeine | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450C | 10/13/2003 | L29861-2 | Calcium, Dissolved, ICP | 11.9 | mg/L | | 0.05 | 0.25 |
| 0450C | 10/13/2003 | L29861-2 | Calcium, Total, ICP | 12 | mg/L | | 0.05 | 0.25 |
| 0450C | 10/13/2003 | L29861-2 | Carbazole | | ug/L | <MDL | 0.0094 | 0.0236 |
| 0450C | 10/13/2003 | L29861-2 | Chlordecone (Kepone) | | ug/L | <MDL | 0.12 | 0.472 |
| 0450C | 10/13/2003 | L29861-2 | Chlorpyrifos | | ug/L | <MDL | 0.032 | 0.0472 |
| 0450C | 10/13/2003 | L29861-2 | Chromium, Dissolved, ICP-MS | 0.000298 | mg/L | | 0.00005 | 0.00025 |
| 0450C | 10/13/2003 | L29861-2 | Chromium, Total, ICP-MS | 0.000423 | mg/L | | 0.00005 | 0.00025 |
| 0450C | 10/13/2003 | L29861-2 | Chrysene | 0.015 | ug/L | <RDL | 0.0094 | 0.0236 |
| 0450C | 10/13/2003 | L29861-2 | Cobalt, Dissolved, ICP-MS | 5.56E-05 | mg/L | | 0.00001 | 0.00005 |
| 0450C | 10/13/2003 | L29861-2 | Cobalt, Total, ICP-MS | 0.000073 | mg/L | | 0.00001 | 0.00005 |
| 0450C | 10/13/2003 | L29861-2 | Conductivity, Field | 184 | umhos/cm | | | |
| 0450C | 10/13/2003 | L29861-2 | Copper, Dissolved, ICP-MS | 0.000738 | mg/L | | 0.0001 | 0.0005 |
| 0450C | 10/13/2003 | L29861-2 | Copper, Total, ICP-MS | 0.00085 | mg/L | | 0.0001 | 0.0005 |
| 0450C | 10/13/2003 | L29861-2 | Coprostanol | | ug/L | <MDL | 1.2 | 9.43 |
| 0450C | 10/13/2003 | L29861-2 | Dalapon | | ug/L | <MDL | 0.021 | 0.08 |
| 0450C | 10/13/2003 | L29861-2 | Delta-BHC | | ug/L | <MDL | 0.0012 | 0.00236 |
| 0450C | 10/13/2003 | L29861-2 | Diazinon | | ug/L | <MDL | 0.041 | 0.0472 |
| 0450C | 10/13/2003 | L29861-2 | Diazinon | | ug/L | <MDL | 0.047 | 0.236 |
| 0450C | 10/13/2003 | L29861-2 | Dibenzo(a,h)anthracene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450C | 10/13/2003 | L29861-2 | Dibenzofuran | | ug/L | <MDL | 0.0094 | 0.0236 |
| 0450C | 10/13/2003 | L29861-2 | Dicamba | | ug/L | <MDL | 0.03 | 0.08 |
| 0450C | 10/13/2003 | L29861-2 | Dichloroprop | | ug/L | <MDL | 0.024 | 0.08 |
| 0450C | 10/13/2003 | L29861-2 | Dieldrin | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0450C | 10/13/2003 | L29861-2 | Diethyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| 0450C | 10/13/2003 | L29861-2 | Dimethyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| 0450C | 10/13/2003 | L29861-2 | Di-N-Butyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| 0450C | 10/13/2003 | L29861-2 | Di-N-Octyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0450C | 10/13/2003 | L29861-2 | Dinoseb | | ug/L | <MDL | 0.042 | 0.12 |
| 0450C | 10/13/2003 | L29861-2 | Dissolved Oxygen, Field | 8.2 | mg/L | TA | | |
| 0450C | 10/13/2003 | L29861-2 | Disulfoton | | ug/L | <MDL | 0.025 | 0.0472 |
| 0450C | 10/13/2003 | L29861-2 | Endosulfan I | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0450C | 10/13/2003 | L29861-2 | Endosulfan II | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0450C | 10/13/2003 | L29861-2 | Endosulfan Sulfate | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0450C | 10/13/2003 | L29861-2 | Endrin | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0450C | 10/13/2003 | L29861-2 | Endrin Aldehyde | | ug/L | <MDL | 0.0047 | 0.00943 |
| 0450C | 10/13/2003 | L29861-2 | Enterococcus | 74 | CFU/100ml | | | |
| 0450C | 10/13/2003 | L29861-2 | Escherichia coli | 92 | CFU/100ml | | | |
| 0450C | 10/13/2003 | L29861-2 | Estradiol | | ug/L | <MDL | 0.12 | 0.472 |
| 0450C | 10/13/2003 | L29861-2 | Estrone | | ug/L | <MDL | 0.12 | 0.472 |
| 0450C | 10/13/2003 | L29861-2 | Ethynyl estradiol | | ug/L | <MDL | 0.12 | 0.472 |
| 0450C | 10/13/2003 | L29861-2 | Fecal Coliform | 81 | CFU/100ml | | | |
| 0450C | 10/13/2003 | L29861-2 | Fluoranthene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450C | 10/13/2003 | L29861-2 | Fluorene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450C | 10/13/2003 | L29861-2 | Fluoride | 0.0439 | mg/L | | 0.02 | 0.04 |
| 0450C | 10/13/2003 | L29861-2 | Gamma-BHC (Lindane) | | ug/L | <MDL | 0.0012 | 0.00236 |
| 0450C | 10/13/2003 | L29861-2 | Gamma-Chlordane | | ug/L | <MDL | 0.0012 | 0.00236 |
| 0450C | 10/13/2003 | L29861-2 | Hardness, Calc | 57.3 | mg CaCO3/L | | 0.2 | 1.25 |
| 0450C | 10/13/2003 | L29861-2 | Heptachlor | | ug/L | <MDL | 0.0012 | 0.00236 |
| 0450C | 10/13/2003 | L29861-2 | Heptachlor Epoxide | | ug/L | <MDL | 0.0012 | 0.00236 |
| 0450C | 10/13/2003 | L29861-2 | Hexachlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450C | 10/13/2003 | L29861-2 | Hexachlorobutadiene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450C | 10/13/2003 | L29861-2 | Hexachlorocyclopentadiene | | ug/L | <MDL | 0.94 | 2.36 |
| 0450C | 10/13/2003 | L29861-2 | Hexachloroethane | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450C | 10/13/2003 | L29861-2 | Indeno(1,2,3-Cd)Pyrene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450C | 10/13/2003 | L29861-2 | Iron, Dissolved, ICP | 0.29 | mg/L | | 0.05 | 0.25 |
| 0450C | 10/13/2003 | L29861-2 | Iron, Total, ICP | 0.473 | mg/L | | 0.05 | 0.25 |
| 0450C | 10/13/2003 | L29861-2 | Isophorone | | ug/L | <MDL | 0.24 | 0.0472 |
| 0450C | 10/13/2003 | L29861-2 | Lead, Dissolved, ICP-MS | 0.000059 | mg/L | <RDL | 0.000025 | 0.000125 |
| 0450C | 10/13/2003 | L29861-2 | Lead, Total, ICP-MS | 0.00011 | mg/L | <RDL | 0.000025 | 0.000125 |
| 0450C | 10/13/2003 | L29861-2 | Magnesium, Dissolved, ICP | 6.58 | mg/L | | 0.03 | 0.15 |
| 0450C | 10/13/2003 | L29861-2 | Magnesium, Total, ICP | 6.66 | mg/L | | 0.03 | 0.15 |
| 0450C | 10/13/2003 | L29861-2 | Malathion | | ug/L | <MDL | 0.045 | 0.0472 |
| 0450C | 10/13/2003 | L29861-2 | Manganese, Dissolved, ICP-MS | 0.0266 | mg/L | | 0.0002 | 0.001 |
| 0450C | 10/13/2003 | L29861-2 | MCPA | | ug/L | <MDL | 0.029 | 0.12 |
| 0450C | 10/13/2003 | L29861-2 | MCPP | | ug/L | <MDL | 0.013 | 0.08 |
| 0450C | 10/13/2003 | L29861-2 | Mercury, Dissolved, CVAF | 7.36E-07 | mg/L | | 0.0000002 | 5E-07 |
| 0450C | 10/13/2003 | L29861-2 | Mercury, Total, CVAF | 1.03E-06 | mg/L | | 0.0000002 | 5E-07 |
| 0450C | 10/13/2003 | L29861-2 | Methoxychlor | | ug/L | <MDL | 0.012 | 0.0236 |
| 0450C | 10/13/2003 | L29861-2 | Methyltestosterone | | ug/L | <MDL | 0.12 | 0.472 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0450C | 10/13/2003 | L29861-2 | Molybdenum, Dissolved, ICP-MS | 0.000358 | mg/L | | 0.00001 | 0.00005 |
| 0450C | 10/13/2003 | L29861-2 | Molybdenum, Total, ICP-MS | 0.000359 | mg/L | | 0.00001 | 0.00005 |
| 0450C | 10/13/2003 | L29861-2 | Naphthalene | | ug/L | <MDL | 0.012 | 0.0236 |
| 0450C | 10/13/2003 | L29861-2 | Nickel, Dissolved, ICP-MS | 0.000743 | mg/L | | 0.00005 | 0.00025 |
| 0450C | 10/13/2003 | L29861-2 | Nickel, Total, ICP-MS | 0.000826 | mg/L | | 0.00005 | 0.00025 |
| 0450C | 10/13/2003 | L29861-2 | Nitrate Nitrogen | 0.302 | mg/L | | 0.02 | 0.04 |
| 0450C | 10/13/2003 | L29861-2 | Nitrite + Nitrate Nitrogen | 0.302 | mg/L | | 0.02 | 0.04 |
| 0450C | 10/13/2003 | L29861-2 | Nitrobenzene | | ug/L | <MDL | 0.047 | 0.0943 |
| 0450C | 10/13/2003 | L29861-2 | N-Nitrosodimethylamine | | ug/L | <MDL | 0.047 | 0.118 |
| 0450C | 10/13/2003 | L29861-2 | N-Nitrosodi-N-Propylamine | | ug/L | <MDL | 0.047 | 0.0943 |
| 0450C | 10/13/2003 | L29861-2 | N-Nitrosodiphenylamine | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450C | 10/13/2003 | L29861-2 | Ortho Phosphorus | 0.0138 | mg/L | | 0.002 | 0.005 |
| 0450C | 10/13/2003 | L29861-2 | Parathion-Ethyl | | ug/L | <MDL | 0.042 | 0.0472 |
| 0450C | 10/13/2003 | L29861-2 | Parathion-Methyl | | ug/L | <MDL | 0.034 | 0.0472 |
| 0450C | 10/13/2003 | L29861-2 | Pentachlorophenol | | ug/L | <MDL | 0.47 | 4.72 |
| 0450C | 10/13/2003 | L29861-2 | pH, Field | 7.1 | pH | | | |
| 0450C | 10/13/2003 | L29861-2 | Phenanthrene | | ug/L | <MDL | 0.0094 | 0.0236 |
| 0450C | 10/13/2003 | L29861-2 | Phenol | | ug/L | <MDL | 0.047 | 0.0943 |
| 0450C | 10/13/2003 | L29861-2 | Phorate | | ug/L | <MDL | 0.031 | 0.0472 |
| 0450C | 10/13/2003 | L29861-2 | Progesterone | | ug/L | <MDL | 0.12 | 0.472 |
| 0450C | 10/13/2003 | L29861-2 | Pyrene | | ug/L | <MDL | 0.0094 | 0.0236 |
| 0450C | 10/13/2003 | L29861-2 | Pyridine | | ug/L | <MDL | 0.94 | 2.36 |
| 0450C | 10/13/2003 | L29861-2 | Sample Start Time | 1230 | hr | | | |
| 0450C | 10/13/2003 | L29861-2 | Sample Temperature, Field | 12.1 | deg C | | | |
| 0450C | 10/13/2003 | L29861-2 | Selenium, Dissolved, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| 0450C | 10/13/2003 | L29861-2 | Selenium, Total, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| 0450C | 10/13/2003 | L29861-2 | Silver, Dissolved, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| 0450C | 10/13/2003 | L29861-2 | Silver, Total, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| 0450C | 10/13/2003 | L29861-2 | Simazine | | ug/L | <MDL | 0.47 | 0.943 |
| 0450C | 10/13/2003 | L29861-2 | Testosterone | | ug/L | <MDL | 0.12 | 0.472 |
| 0450C | 10/13/2003 | L29861-2 | Thallium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| 0450C | 10/13/2003 | L29861-2 | Thallium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| 0450C | 10/13/2003 | L29861-2 | Total 4-Nonylphenol | | ug/L | <MDL | 0.12 | 0.472 |
| 0450C | 10/13/2003 | L29861-2 | Total Suspended Solids | 1.1 | mg/L | | 0.5 | 1 |
| 0450C | 10/13/2003 | L29861-2 | Toxaphene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0450C | 10/13/2003 | L29861-2 | Vanadium, Total, ICP-MS | 0.000879 | mg/L | | 0.000025 | 0.000125 |
| 0450C | 10/13/2003 | L29861-2 | Vinclozolin | | ug/L | <MDL | 0.12 | 0.472 |
| 0450C | 10/13/2003 | L29861-2 | Zinc, Dissolved, ICP-MS | 0.00152 | mg/L | | 0.00015 | 0.00075 |
| 0450C | 10/13/2003 | L29861-2 | Zinc, Total, ICP-MS | 0.00175 | mg/L | | 0.00015 | 0.00075 |
| 0486 | 9/4/2001 | L21953-12 | 1,2,4-Trichlorobenzene | | ug/L | <MDL,G | 0.005 | 0.00994 |
| 0486 | 9/4/2001 | L21953-12 | 1,2-Dichlorobenzene | | ug/L | <MDL,G | 0.005 | 0.00994 |
| 0486 | 9/4/2001 | L21953-12 | 1,2-Diphenylhydrazine | | ug/L | <MDL | 0.19 | 0.375 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0486 | 9/4/2001 | L21953-12 | 1,3-Dichlorobenzene | | ug/L | <MDL,G | 0.005 | 0.00994 |
| 0486 | 9/4/2001 | L21953-12 | 1,4-Dichlorobenzene | | ug/L | <MDL,G | 0.0025 | 0.00495 |
| 0486 | 9/4/2001 | L21953-12 | 2,4,5-T | | ug/L | <MDL | 0.057 | 0.16 |
| 0486 | 9/4/2001 | L21953-12 | 2,4,5-TP (Silvex) | | ug/L | <MDL | 0.023 | 0.08 |
| 0486 | 9/4/2001 | L21953-12 | 2,4,5-Trichlorophenol | | ug/L | <MDL | 0.23 | 0.45 |
| 0486 | 9/4/2001 | L21953-12 | 2,4,6-Trichlorophenol | | ug/L | <MDL | 0.24 | 0.488 |
| 0486 | 9/4/2001 | L21953-12 | 2,4-D | 0.12 | ug/L | | 0.03 | 0.08 |
| 0486 | 9/4/2001 | L21953-12 | 2,4-DB | | ug/L | <MDL | 0.058 | 0.16 |
| 0486 | 9/4/2001 | L21953-12 | 2,4-Dichlorophenol | | ug/L | <MDL | 0.3 | 0.6 |
| 0486 | 9/4/2001 | L21953-12 | 2,4-Dimethylphenol | | ug/L | <MDL,G | 0.13 | 0.263 |
| 0486 | 9/4/2001 | L21953-12 | 2,4-Dinitrophenol | | ug/L | <MDL | 0.25 | 0.5 |
| 0486 | 9/4/2001 | L21953-12 | 2,4-Dinitrotoluene | | ug/L | <MDL | 0.056 | 0.113 |
| 0486 | 9/4/2001 | L21953-12 | 2,6-Dinitrotoluene | | ug/L | <MDL | 0.19 | 0.375 |
| 0486 | 9/4/2001 | L21953-12 | 2-Chloronaphthalene | | ug/L | <MDL,G | 0.3 | 0.6 |
| 0486 | 9/4/2001 | L21953-12 | 2-Chlorophenol | | ug/L | <MDL | 0.15 | 0.3 |
| 0486 | 9/4/2001 | L21953-12 | 2-Methylnaphthalene | | ug/L | <MDL,G | 0.26 | 0.525 |
| 0486 | 9/4/2001 | L21953-12 | 2-Methylphenol | | ug/L | <MDL | 0.36 | 0.713 |
| 0486 | 9/4/2001 | L21953-12 | 2-Nitroaniline | | ug/L | <MDL | 0.13 | 0.25 |
| 0486 | 9/4/2001 | L21953-12 | 2-Nitrophenol | | ug/L | <MDL | 0.28 | 0.563 |
| 0486 | 9/4/2001 | L21953-12 | 3,3'-Dichlorobenzidine | | ug/L | <MDL | 0.05 | 0.1 |
| 0486 | 9/4/2001 | L21953-12 | 3-Methylphenol | | ug/L | <MDL,G | 0.05 | 0.1 |
| 0486 | 9/4/2001 | L21953-12 | 3-Nitroaniline | | ug/L | <MDL | 0.13 | 0.25 |
| 0486 | 9/4/2001 | L21953-12 | 4,4'-DDD | | ug/L | <MDL | 0.0025 | 0.005 |
| 0486 | 9/4/2001 | L21953-12 | 4,4'-DDE | | ug/L | <MDL | 0.0025 | 0.005 |
| 0486 | 9/4/2001 | L21953-12 | 4,4'-DDT | | ug/L | <MDL | 0.0025 | 0.005 |
| 0486 | 9/4/2001 | L21953-12 | 4,6-Dinitro-O-Cresol | | ug/L | <MDL | 0.25 | 0.5 |
| 0486 | 9/4/2001 | L21953-12 | 4-Bromophenyl Phenyl Ether | | ug/L | <MDL | 0.17 | 0.338 |
| 0486 | 9/4/2001 | L21953-12 | 4-Chloro-3-Methylphenol | | ug/L | <MDL | 0.05 | 0.1 |
| 0486 | 9/4/2001 | L21953-12 | 4-Chloroaniline | | ug/L | <MDL,G | 0.05 | 0.1 |
| 0486 | 9/4/2001 | L21953-12 | 4-Chlorophenyl Phenyl Ether | | ug/L | <MDL,G | 0.24 | 0.488 |
| 0486 | 9/4/2001 | L21953-12 | 4-Methylphenol | | ug/L | <MDL | 0.3 | 0.6 |
| 0486 | 9/4/2001 | L21953-12 | 4-Nitroaniline | | ug/L | <MDL | 0.25 | 0.5 |
| 0486 | 9/4/2001 | L21953-12 | 4-Nitrophenol | | ug/L | <MDL | 0.25 | 0.5 |
| 0486 | 9/4/2001 | L21953-12 | Acenaphthene | | ug/L | <MDL,G | 0.13 | 0.263 |
| 0486 | 9/4/2001 | L21953-12 | Acenaphthylene | | ug/L | <MDL,G | 0.28 | 0.563 |
| 0486 | 9/4/2001 | L21953-12 | Aldrin | | ug/L | <MDL | 0.0025 | 0.005 |
| 0486 | 9/4/2001 | L21953-12 | Alpha-BHC | | ug/L | <MDL | 0.0025 | 0.005 |
| 0486 | 9/4/2001 | L21953-12 | Aluminum, Dissolved, ICP-MS | | mg/L | <MDL | 0.002 | 0.01 |
| 0486 | 9/4/2001 | L21953-12 | Aluminum, Total, ICP-MS | 0.0095 | mg/L | <RDL | 0.002 | 0.01 |
| 0486 | 9/4/2001 | L21953-12 | Ammonia Nitrogen | 0.012 | mg/L | <RDL | 0.01 | 0.02 |
| 0486 | 9/4/2001 | L21953-12 | Aniline | | ug/L | <MDL,G | 0.36 | 0.713 |
| 0486 | 9/4/2001 | L21953-12 | Anthracene | | ug/L | <MDL | 0.075 | 0.15 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0486 | 9/4/2001 | L21953-12 | Antimony, Dissolved, ICP-MS | 6.24E-05 | mg/L | | 0.00001 | 0.00005 |
| 0486 | 9/4/2001 | L21953-12 | Antimony, Total, ICP-MS | 6.08E-05 | mg/L | | 0.00001 | 0.00005 |
| 0486 | 9/4/2001 | L21953-12 | Aroclor 1016 | | ug/L | <MDL | 0.025 | 0.05 |
| 0486 | 9/4/2001 | L21953-12 | Aroclor 1221 | | ug/L | <MDL | 0.025 | 0.05 |
| 0486 | 9/4/2001 | L21953-12 | Aroclor 1232 | | ug/L | <MDL | 0.025 | 0.05 |
| 0486 | 9/4/2001 | L21953-12 | Aroclor 1242 | | ug/L | <MDL | 0.025 | 0.05 |
| 0486 | 9/4/2001 | L21953-12 | Aroclor 1248 | | ug/L | <MDL | 0.025 | 0.05 |
| 0486 | 9/4/2001 | L21953-12 | Aroclor 1254 | | ug/L | <MDL | 0.025 | 0.05 |
| 0486 | 9/4/2001 | L21953-12 | Aroclor 1260 | | ug/L | <MDL | 0.025 | 0.05 |
| 0486 | 9/4/2001 | L21953-12 | Arsenic, Dissolved, ICP-MS | 0.00085 | mg/L | | 0.0001 | 0.0005 |
| 0486 | 9/4/2001 | L21953-12 | Arsenic, Total, ICP-MS | 0.000874 | mg/L | | 0.0001 | 0.0005 |
| 0486 | 9/4/2001 | L21953-12 | Barium, Dissolved, ICP-MS | 0.00324 | mg/L | | 0.000025 | 0.000125 |
| 0486 | 9/4/2001 | L21953-12 | Barium, Total, ICP-MS | 0.00343 | mg/L | | 0.0002 | 0.001 |
| 0486 | 9/4/2001 | L21953-12 | Benzo(a)anthracene | | ug/L | <MDL | 0.038 | 0.075 |
| 0486 | 9/4/2001 | L21953-12 | Benzo(a)pyrene | | ug/L | <MDL | 0.056 | 0.113 |
| 0486 | 9/4/2001 | L21953-12 | Benzo(b)fluoranthene | | ug/L | <MDL | 0.056 | 0.113 |
| 0486 | 9/4/2001 | L21953-12 | Benzo(g,h,i)perylene | | ug/L | <MDL | 0.15 | 0.3 |
| 0486 | 9/4/2001 | L21953-12 | Benzo(k)fluoranthene | | ug/L | <MDL | 0.056 | 0.113 |
| 0486 | 9/4/2001 | L21953-12 | Benzoic Acid | 1.82 | ug/L | G | 0.11 | 0.225 |
| 0486 | 9/4/2001 | L21953-12 | Benzyl Alcohol | | ug/L | <MDL | 0.11 | 0.225 |
| 0486 | 9/4/2001 | L21953-12 | Benzyl Butyl Phthalate | | ug/L | <MDL | 0.11 | 0.225 |
| 0486 | 9/4/2001 | L21953-12 | Beryllium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| 0486 | 9/4/2001 | L21953-12 | Beryllium, Total, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| 0486 | 9/4/2001 | L21953-12 | Beta-BHC | | ug/L | <MDL | 0.0025 | 0.005 |
| 0486 | 9/4/2001 | L21953-12 | Bis(2-Chloroethoxy)Methane | | ug/L | <MDL | 0.32 | 0.638 |
| 0486 | 9/4/2001 | L21953-12 | Bis(2-Chloroethyl)Ether | | ug/L | <MDL | 0.28 | 0.563 |
| 0486 | 9/4/2001 | L21953-12 | Bis(2-Chloroisopropyl)Ether | | ug/L | <MDL | 0.28 | 0.563 |
| 0486 | 9/4/2001 | L21953-12 | Bis(2-Ethylhexyl)Phthalate | | ug/L | B,L | 7.05 | 0.263 |
| 0486 | 9/4/2001 | L21953-12 | Cadmium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| 0486 | 9/4/2001 | L21953-12 | Cadmium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| 0486 | 9/4/2001 | L21953-12 | Caffeine | | ug/L | <MDL | 0.11 | 0.225 |
| 0486 | 9/4/2001 | L21953-12 | Calcium, Dissolved, ICP | 10.3 | mg/L | | 0.05 | 0.25 |
| 0486 | 9/4/2001 | L21953-12 | Calcium, Total, ICP | 10.6 | mg/L | | 0.05 | 0.25 |
| 0486 | 9/4/2001 | L21953-12 | Carbazole | | ug/L | <MDL | 0.13 | 0.263 |
| 0486 | 9/4/2001 | L21953-12 | Chlordane | | ug/L | <MDL | 0.013 | 0.025 |
| 0486 | 9/4/2001 | L21953-12 | Chlorpyrifos | | ug/L | <MDL | 0.034 | 0.05 |
| 0486 | 9/4/2001 | L21953-12 | Chromium, Dissolved, ICP-MS | 0.00008 | mg/L | <RDL | 0.00005 | 0.00025 |
| 0486 | 9/4/2001 | L21953-12 | Chromium, Total, ICP-MS | 0.00011 | mg/L | <RDL | 0.00005 | 0.00025 |
| 0486 | 9/4/2001 | L21953-12 | Chrysene | | ug/L | <MDL | 0.075 | 0.15 |
| 0486 | 9/4/2001 | L21953-12 | Cobalt, Dissolved, ICP-MS | 0.000025 | mg/L | <RDL | 0.00001 | 0.00005 |
| 0486 | 9/4/2001 | L21953-12 | Cobalt, Total, ICP-MS | 0.00003 | mg/L | <RDL | 0.00001 | 0.00005 |
| 0486 | 9/4/2001 | L21953-12 | Copper, Dissolved, ICP-MS | 0.00048 | mg/L | <RDL | 0.0001 | 0.0005 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0486 | 9/4/2001 | L21953-12 | Copper, Total, ICP-MS | 0.000504 | mg/L | | 0.0001 | 0.0005 |
| 0486 | 9/4/2001 | L21953-12 | Coprostanol | | ug/L | <MDL,G | 0.26 | 0.525 |
| 0486 | 9/4/2001 | L21953-12 | Dalapon | | ug/L | <MDL | 0.012 | 0.08 |
| 0486 | 9/4/2001 | L21953-12 | Delta-BHC | | ug/L | <MDL | 0.0025 | 0.005 |
| 0486 | 9/4/2001 | L21953-12 | Diazinon | | ug/L | <MDL | 0.043 | 0.05 |
| 0486 | 9/4/2001 | L21953-12 | Dibenzo(a,h)anthracene | | ug/L | <MDL | 0.13 | 0.263 |
| 0486 | 9/4/2001 | L21953-12 | Dibenzofuran | | ug/L | <MDL,G | 0.26 | 0.525 |
| 0486 | 9/4/2001 | L21953-12 | Dicamba | | ug/L | <MDL | 0.022 | 0.08 |
| 0486 | 9/4/2001 | L21953-12 | Dichloroprop | | ug/L | <MDL | 0.011 | 0.08 |
| 0486 | 9/4/2001 | L21953-12 | Dieldrin | | ug/L | <MDL | 0.0025 | 0.005 |
| 0486 | 9/4/2001 | L21953-12 | Diethyl Phthalate | | ug/L | <MDL | 0.11 | 0.225 |
| 0486 | 9/4/2001 | L21953-12 | Dimethyl Phthalate | | ug/L | <MDL | 0.21 | 0.413 |
| 0486 | 9/4/2001 | L21953-12 | Di-N-Butyl Phthalate | | ug/L | B,L | 1.2 | 0.188 |
| 0486 | 9/4/2001 | L21953-12 | Di-N-Octyl Phthalate | | ug/L | <MDL | 0.15 | 0.3 |
| 0486 | 9/4/2001 | L21953-12 | Dinoseb | | ug/L | <MDL | 0.029 | 0.08 |
| 0486 | 9/4/2001 | L21953-12 | Disulfoton | | ug/L | <MDL | 0.027 | 0.05 |
| 0486 | 9/4/2001 | L21953-12 | Endosulfan I | | ug/L | <MDL | 0.0025 | 0.005 |
| 0486 | 9/4/2001 | L21953-12 | Endosulfan II | | ug/L | <MDL | 0.0025 | 0.005 |
| 0486 | 9/4/2001 | L21953-12 | Endosulfan Sulfate | | ug/L | <MDL | 0.0025 | 0.005 |
| 0486 | 9/4/2001 | L21953-12 | Endrin | | ug/L | <MDL | 0.0025 | 0.005 |
| 0486 | 9/4/2001 | L21953-12 | Endrin Aldehyde | | ug/L | <MDL | 0.0025 | 0.005 |
| 0486 | 9/4/2001 | L21953-12 | Enterococcus | 29 | CFU/100ml | | | |
| 0486 | 9/4/2001 | L21953-12 | Escherichia coli | 54 | CFU/100ml | | | |
| 0486 | 9/4/2001 | L21953-12 | Fecal Coliform | 39 | CFU/100ml | | | |
| 0486 | 9/4/2001 | L21953-12 | Fluoranthene | | ug/L | <MDL | 0.15 | 0.3 |
| 0486 | 9/4/2001 | L21953-12 | Fluorene | | ug/L | <MDL | 0.24 | 0.488 |
| 0486 | 9/4/2001 | L21953-12 | Fluoride | | mg/L | <MDL | 0.05 | 0.1 |
| 0486 | 9/4/2001 | L21953-12 | Gamma-BHC (Lindane) | | ug/L | <MDL | 0.0025 | 0.005 |
| 0486 | 9/4/2001 | L21953-12 | Hardness, Calc | 43.7 | mg CaCO3/L | | 0.2 | 1.25 |
| 0486 | 9/4/2001 | L21953-12 | Heptachlor | | ug/L | <MDL | 0.0025 | 0.005 |
| 0486 | 9/4/2001 | L21953-12 | Heptachlor Epoxide | | ug/L | <MDL | 0.0025 | 0.005 |
| 0486 | 9/4/2001 | L21953-12 | Hexachlorobenzene | | ug/L | <MDL | 0.012 | 0.0249 |
| 0486 | 9/4/2001 | L21953-12 | Hexachlorobutadiene | | ug/L | <MDL,G | 0.014 | 0.0281 |
| 0486 | 9/4/2001 | L21953-12 | Hexachlorocyclopentadiene | | ug/L | <MDL,G | 0.13 | 0.25 |
| 0486 | 9/4/2001 | L21953-12 | Hexachloroethane | | ug/L | <MDL,G | 0.28 | 0.563 |
| 0486 | 9/4/2001 | L21953-12 | Indeno(1,2,3-Cd)Pyrene | | ug/L | <MDL | 0.17 | 0.338 |
| 0486 | 9/4/2001 | L21953-12 | Iron, Dissolved, ICP | 0.058 | mg/L | <RDL | 0.05 | 0.25 |
| 0486 | 9/4/2001 | L21953-12 | Iron, Total, ICP | 0.13 | mg/L | <RDL | 0.05 | 0.25 |
| 0486 | 9/4/2001 | L21953-12 | Isophorone | | ug/L | <MDL | 0.36 | 0.713 |
| 0486 | 9/4/2001 | L21953-12 | Lead, Dissolved, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| 0486 | 9/4/2001 | L21953-12 | Lead, Total, ICP-MS | 0.00003 | mg/L | <RDL | 0.000025 | 0.000125 |
| 0486 | 9/4/2001 | L21953-12 | Magnesium, Dissolved, ICP | 4.13 | mg/L | | 0.03 | 0.15 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0486 | 9/4/2001 | L21953-12 | Magnesium, Total, ICP | 4.19 | mg/L | | 0.03 | 0.15 |
| 0486 | 9/4/2001 | L21953-12 | Malathion | | ug/L | <MDL | 0.048 | 0.05 |
| 0486 | 9/4/2001 | L21953-12 | MCPA | | ug/L | <MDL | 0.011 | 0.08 |
| 0486 | 9/4/2001 | L21953-12 | MCPP | | ug/L | <MDL | 0.013 | 0.08 |
| 0486 | 9/4/2001 | L21953-12 | Mercury, Dissolved, CVAF | 2.5E-07 | mg/L | <RDL | 0.0000001 | 5E-07 |
| 0486 | 9/4/2001 | L21953-12 | Mercury, Total, CVAF | 4.6E-07 | mg/L | <RDL | 0.0000001 | 5E-07 |
| 0486 | 9/4/2001 | L21953-12 | Methoxychlor | | ug/L | <MDL | 0.013 | 0.025 |
| 0486 | 9/4/2001 | L21953-12 | Molybdenum, Dissolved, ICP-MS | 0.0002 | mg/L | | 0.00001 | 0.00005 |
| 0486 | 9/4/2001 | L21953-12 | Molybdenum, Total, ICP-MS | 0.000199 | mg/L | | 0.00001 | 0.00005 |
| 0486 | 9/4/2001 | L21953-12 | Naphthalene | | ug/L | <MDL,G | 0.26 | 0.525 |
| 0486 | 9/4/2001 | L21953-12 | Nickel, Dissolved, ICP-MS | 0.000342 | mg/L | | 0.00005 | 0.00025 |
| 0486 | 9/4/2001 | L21953-12 | Nickel, Total, ICP-MS | 0.000354 | mg/L | | 0.00005 | 0.00025 |
| 0486 | 9/4/2001 | L21953-12 | Nitrate Nitrogen | | mg/L | <MDL | 0.02 | 0.04 |
| 0486 | 9/4/2001 | L21953-12 | Nitrite + Nitrate Nitrogen | | mg/L | <MDL | 0.02 | 0.04 |
| 0486 | 9/4/2001 | L21953-12 | Nitrobenzene | | ug/L | <MDL,G | 0.3 | 0.6 |
| 0486 | 9/4/2001 | L21953-12 | N-Nitrosodimethylamine | | ug/L | <MDL | 0.38 | 0.75 |
| 0486 | 9/4/2001 | L21953-12 | N-Nitrosodi-N-Propylamine | | ug/L | <MDL | 0.17 | 0.338 |
| 0486 | 9/4/2001 | L21953-12 | N-Nitrosodiphenylamine | | ug/L | <MDL | 0.38 | 0.75 |
| 0486 | 9/4/2001 | L21953-12 | Ortho Phosphorus | 0.0025 | mg/L | <RDL | 0.002 | 0.005 |
| 0486 | 9/4/2001 | L21953-12 | Parathion-Ethyl | | ug/L | <MDL | 0.045 | 0.05 |
| 0486 | 9/4/2001 | L21953-12 | Parathion-Methyl | | ug/L | <MDL | 0.036 | 0.05 |
| 0486 | 9/4/2001 | L21953-12 | Pentachlorophenol | | ug/L | <MDL | 0.094 | 0.188 |
| 0486 | 9/4/2001 | L21953-12 | Phenanthrene | | ug/L | <MDL | 0.075 | 0.15 |
| 0486 | 9/4/2001 | L21953-12 | Phenol | | ug/L | <MDL | 0.17 | 0.338 |
| 0486 | 9/4/2001 | L21953-12 | Phorate | | ug/L | <MDL | 0.033 | 0.05 |
| 0486 | 9/4/2001 | L21953-12 | Pyrene | | ug/L | <MDL | 0.075 | 0.15 |
| 0486 | 9/4/2001 | L21953-12 | Pyridine | | ug/L | <MDL,G | 0.5 | 1 |
| 0486 | 9/4/2001 | L21953-12 | Sample Start Time | | hr | | | |
| 0486 | 9/4/2001 | L21953-12 | Selenium, Dissolved, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| 0486 | 9/4/2001 | L21953-12 | Selenium, Total, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| 0486 | 9/4/2001 | L21953-12 | Silver, Dissolved, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| 0486 | 9/4/2001 | L21953-12 | Silver, Total, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| 0486 | 9/4/2001 | L21953-12 | Thallium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| 0486 | 9/4/2001 | L21953-12 | Thallium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| 0486 | 9/4/2001 | L21953-12 | Total Suspended Solids | 0.9 | mg/L | <RDL | 0.5 | 1 |
| 0486 | 9/4/2001 | L21953-12 | Toxaphene | | ug/L | <MDL | 0.025 | 0.05 |
| 0486 | 9/4/2001 | L21953-12 | Vanadium, Dissolved, ICP-MS | 0.000296 | mg/L | | 0.000025 | 0.000125 |
| 0486 | 9/4/2001 | L21953-12 | Vanadium, Total, ICP-MS | 0.000339 | mg/L | | 0.000025 | 0.000125 |
| 0486 | 9/4/2001 | L21953-12 | Zinc, Dissolved, ICP-MS | | mg/L | <RDL,B | 0.00255 | 0.00075 |
| 0486 | 9/4/2001 | L21953-12 | Zinc, Total, ICP-MS | 0.00045 | mg/L | <RDL | 0.00015 | 0.00075 |
| 0486 | 9/4/2001 | L21953-13 | 2,4,5-T | | ug/L | <MDL | 0.057 | 0.16 |
| 0486 | 9/4/2001 | L21953-13 | 2,4,5-TP (Silvex) | | ug/L | <MDL | 0.023 | 0.08 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0486 | 9/4/2001 | L21953-13 | 2,4-D | 0.1 | ug/L | | 0.03 | 0.08 |
| 0486 | 9/4/2001 | L21953-13 | 2,4-DB | | ug/L | <MDL | 0.058 | 0.16 |
| 0486 | 9/4/2001 | L21953-13 | 4,4'-DDD | | ug/L | <MDL | 0.0025 | 0.005 |
| 0486 | 9/4/2001 | L21953-13 | 4,4'-DDE | | ug/L | <MDL | 0.0025 | 0.005 |
| 0486 | 9/4/2001 | L21953-13 | 4,4'-DDT | | ug/L | <MDL | 0.0025 | 0.005 |
| 0486 | 9/4/2001 | L21953-13 | Aldrin | | ug/L | <MDL | 0.0025 | 0.005 |
| 0486 | 9/4/2001 | L21953-13 | Alpha-BHC | | ug/L | <MDL | 0.0025 | 0.005 |
| 0486 | 9/4/2001 | L21953-13 | Aluminum, Dissolved, ICP-MS | | mg/L | <MDL | 0.002 | 0.01 |
| 0486 | 9/4/2001 | L21953-13 | Aluminum, Total, ICP-MS | 0.0106 | mg/L | | 0.002 | 0.01 |
| 0486 | 9/4/2001 | L21953-13 | Ammonia Nitrogen | 0.011 | mg/L | <RDL | 0.01 | 0.02 |
| 0486 | 9/4/2001 | L21953-13 | Antimony, Dissolved, ICP-MS | 6.17E-05 | mg/L | | 0.00001 | 0.00005 |
| 0486 | 9/4/2001 | L21953-13 | Antimony, Total, ICP-MS | 5.88E-05 | mg/L | | 0.00001 | 0.00005 |
| 0486 | 9/4/2001 | L21953-13 | Aroclor 1016 | | ug/L | <MDL | 0.025 | 0.05 |
| 0486 | 9/4/2001 | L21953-13 | Aroclor 1221 | | ug/L | <MDL | 0.025 | 0.05 |
| 0486 | 9/4/2001 | L21953-13 | Aroclor 1232 | | ug/L | <MDL | 0.025 | 0.05 |
| 0486 | 9/4/2001 | L21953-13 | Aroclor 1242 | | ug/L | <MDL | 0.025 | 0.05 |
| 0486 | 9/4/2001 | L21953-13 | Aroclor 1248 | | ug/L | <MDL | 0.025 | 0.05 |
| 0486 | 9/4/2001 | L21953-13 | Aroclor 1254 | | ug/L | <MDL | 0.025 | 0.05 |
| 0486 | 9/4/2001 | L21953-13 | Aroclor 1260 | | ug/L | <MDL | 0.025 | 0.05 |
| 0486 | 9/4/2001 | L21953-13 | Arsenic, Dissolved, ICP-MS | 0.000832 | mg/L | | 0.0001 | 0.0005 |
| 0486 | 9/4/2001 | L21953-13 | Arsenic, Total, ICP-MS | 0.000889 | mg/L | | 0.0001 | 0.0005 |
| 0486 | 9/4/2001 | L21953-13 | Barium, Dissolved, ICP-MS | 0.00322 | mg/L | | 0.000025 | 0.000125 |
| 0486 | 9/4/2001 | L21953-13 | Barium, Total, ICP-MS | 0.00369 | mg/L | | 0.0002 | 0.001 |
| 0486 | 9/4/2001 | L21953-13 | Beryllium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| 0486 | 9/4/2001 | L21953-13 | Beryllium, Total, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| 0486 | 9/4/2001 | L21953-13 | Beta-BHC | | ug/L | <MDL | 0.0025 | 0.005 |
| 0486 | 9/4/2001 | L21953-13 | Cadmium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| 0486 | 9/4/2001 | L21953-13 | Cadmium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| 0486 | 9/4/2001 | L21953-13 | Calcium, Dissolved, ICP | 10.3 | mg/L | | 0.05 | 0.25 |
| 0486 | 9/4/2001 | L21953-13 | Calcium, Total, ICP | 10.5 | mg/L | | 0.05 | 0.25 |
| 0486 | 9/4/2001 | L21953-13 | Chlordane | | ug/L | <MDL | 0.013 | 0.025 |
| 0486 | 9/4/2001 | L21953-13 | Chlorpyrifos | | ug/L | <MDL | 0.034 | 0.05 |
| 0486 | 9/4/2001 | L21953-13 | Chromium, Dissolved, ICP-MS | 0.000076 | mg/L | <RDL | 0.00005 | 0.00025 |
| 0486 | 9/4/2001 | L21953-13 | Chromium, Total, ICP-MS | 0.00009 | mg/L | <RDL | 0.00005 | 0.00025 |
| 0486 | 9/4/2001 | L21953-13 | Cobalt, Dissolved, ICP-MS | 0.000026 | mg/L | <RDL | 0.00001 | 0.00005 |
| 0486 | 9/4/2001 | L21953-13 | Cobalt, Total, ICP-MS | 0.00003 | mg/L | <RDL | 0.00001 | 0.00005 |
| 0486 | 9/4/2001 | L21953-13 | Copper, Dissolved, ICP-MS | 0.00046 | mg/L | <RDL | 0.0001 | 0.0005 |
| 0486 | 9/4/2001 | L21953-13 | Copper, Total, ICP-MS | 0.000524 | mg/L | | 0.0001 | 0.0005 |
| 0486 | 9/4/2001 | L21953-13 | Dalapon | | ug/L | <MDL | 0.012 | 0.08 |
| 0486 | 9/4/2001 | L21953-13 | Delta-BHC | | ug/L | <MDL | 0.0025 | 0.005 |
| 0486 | 9/4/2001 | L21953-13 | Diazinon | | ug/L | <MDL | 0.043 | 0.05 |
| 0486 | 9/4/2001 | L21953-13 | Dicamba | | ug/L | <MDL | 0.022 | 0.08 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0486 | 9/4/2001 | L21953-13 | Dichloroprop | | ug/L | <MDL | 0.011 | 0.08 |
| 0486 | 9/4/2001 | L21953-13 | Dieldrin | | ug/L | <MDL | 0.0025 | 0.005 |
| 0486 | 9/4/2001 | L21953-13 | Dinoseb | | ug/L | <MDL | 0.029 | 0.08 |
| 0486 | 9/4/2001 | L21953-13 | Disulfoton | | ug/L | <MDL | 0.027 | 0.05 |
| 0486 | 9/4/2001 | L21953-13 | Endosulfan I | | ug/L | <MDL | 0.0025 | 0.005 |
| 0486 | 9/4/2001 | L21953-13 | Endosulfan II | | ug/L | <MDL | 0.0025 | 0.005 |
| 0486 | 9/4/2001 | L21953-13 | Endosulfan Sulfate | | ug/L | <MDL | 0.0025 | 0.005 |
| 0486 | 9/4/2001 | L21953-13 | Endrin | | ug/L | <MDL | 0.0025 | 0.005 |
| 0486 | 9/4/2001 | L21953-13 | Endrin Aldehyde | | ug/L | <MDL | 0.0025 | 0.005 |
| 0486 | 9/4/2001 | L21953-13 | Enterococcus | 30 | CFU/100ml | | | |
| 0486 | 9/4/2001 | L21953-13 | Escherichia coli | 39 | CFU/100ml | | | |
| 0486 | 9/4/2001 | L21953-13 | Fecal Coliform | 45 | CFU/100ml | | | |
| 0486 | 9/4/2001 | L21953-13 | Fluoride | | mg/L | <MDL | 0.05 | 0.1 |
| 0486 | 9/4/2001 | L21953-13 | Gamma-BHC (Lindane) | | ug/L | <MDL | 0.0025 | 0.005 |
| 0486 | 9/4/2001 | L21953-13 | Hardness, Calc | 43.1 | mg CaCO3/L | | 0.2 | 1.25 |
| 0486 | 9/4/2001 | L21953-13 | Heptachlor | | ug/L | <MDL | 0.0025 | 0.005 |
| 0486 | 9/4/2001 | L21953-13 | Heptachlor Epoxide | | ug/L | <MDL | 0.0025 | 0.005 |
| 0486 | 9/4/2001 | L21953-13 | Iron, Dissolved, ICP | 0.057 | mg/L | <RDL | 0.05 | 0.25 |
| 0486 | 9/4/2001 | L21953-13 | Iron, Total, ICP | 0.12 | mg/L | <RDL | 0.05 | 0.25 |
| 0486 | 9/4/2001 | L21953-13 | Lead, Dissolved, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| 0486 | 9/4/2001 | L21953-13 | Lead, Total, ICP-MS | 0.000028 | mg/L | <RDL | 0.000025 | 0.000125 |
| 0486 | 9/4/2001 | L21953-13 | Magnesium, Dissolved, ICP | 4.08 | mg/L | | 0.03 | 0.15 |
| 0486 | 9/4/2001 | L21953-13 | Magnesium, Total, ICP | 4.13 | mg/L | | 0.03 | 0.15 |
| 0486 | 9/4/2001 | L21953-13 | Malathion | | ug/L | <MDL | 0.048 | 0.05 |
| 0486 | 9/4/2001 | L21953-13 | MCPA | | ug/L | <MDL | 0.011 | 0.08 |
| 0486 | 9/4/2001 | L21953-13 | MCPP | | ug/L | <MDL | 0.013 | 0.08 |
| 0486 | 9/4/2001 | L21953-13 | Mercury, Dissolved, CVAF | 2.2E-07 | mg/L | <RDL | 0.0000001 | 5E-07 |
| 0486 | 9/4/2001 | L21953-13 | Mercury, Total, CVAF | 3.4E-07 | mg/L | <RDL | 0.0000001 | 5E-07 |
| 0486 | 9/4/2001 | L21953-13 | Methoxychlor | | ug/L | <MDL | 0.013 | 0.025 |
| 0486 | 9/4/2001 | L21953-13 | Molybdenum, Dissolved, ICP-MS | 0.000204 | mg/L | | 0.00001 | 0.00005 |
| 0486 | 9/4/2001 | L21953-13 | Molybdenum, Total, ICP-MS | 0.000202 | mg/L | | 0.00001 | 0.00005 |
| 0486 | 9/4/2001 | L21953-13 | Nickel, Dissolved, ICP-MS | 0.00035 | mg/L | | 0.00005 | 0.00025 |
| 0486 | 9/4/2001 | L21953-13 | Nickel, Total, ICP-MS | 0.000364 | mg/L | | 0.00005 | 0.00025 |
| 0486 | 9/4/2001 | L21953-13 | Nitrate Nitrogen | | mg/L | <MDL | 0.02 | 0.04 |
| 0486 | 9/4/2001 | L21953-13 | Nitrite + Nitrate Nitrogen | | mg/L | <MDL | 0.02 | 0.04 |
| 0486 | 9/4/2001 | L21953-13 | Ortho Phosphorus | 0.0022 | mg/L | <RDL | 0.002 | 0.005 |
| 0486 | 9/4/2001 | L21953-13 | Parathion-Ethyl | | ug/L | <MDL | 0.045 | 0.05 |
| 0486 | 9/4/2001 | L21953-13 | Parathion-Methyl | | ug/L | <MDL | 0.036 | 0.05 |
| 0486 | 9/4/2001 | L21953-13 | Phorate | | ug/L | <MDL | 0.033 | 0.05 |
| 0486 | 9/4/2001 | L21953-13 | Sample Function | | none | | | |
| 0486 | 9/4/2001 | L21953-13 | Sample Start Time | 920 | hr | | | |
| 0486 | 9/4/2001 | L21953-13 | Selenium, Dissolved, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0486 | 9/4/2001 | L21953-13 | Selenium, Total, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| 0486 | 9/4/2001 | L21953-13 | Silver, Dissolved, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| 0486 | 9/4/2001 | L21953-13 | Silver, Total, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| 0486 | 9/4/2001 | L21953-13 | Thallium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| 0486 | 9/4/2001 | L21953-13 | Thallium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| 0486 | 9/4/2001 | L21953-13 | Total Suspended Solids | 0.9 | mg/L | <RDL | 0.5 | 1 |
| 0486 | 9/4/2001 | L21953-13 | Toxaphene | | ug/L | <MDL | 0.025 | 0.05 |
| 0486 | 9/4/2001 | L21953-13 | Vanadium, Dissolved, ICP-MS | 0.000286 | mg/L | | 0.000025 | 0.000125 |
| 0486 | 9/4/2001 | L21953-13 | Vanadium, Total, ICP-MS | 0.000345 | mg/L | | 0.000025 | 0.000125 |
| 0486 | 9/4/2001 | L21953-13 | Zinc, Dissolved, ICP-MS | | mg/L | <RDL,B | 0.00255 | 0.00075 |
| 0486 | 9/4/2001 | L21953-13 | Zinc, Total, ICP-MS | 0.00028 | mg/L | <RDL | 0.00015 | 0.00075 |
| 0486 | 10/8/2002 | L25875-12 | 1,2,4-Trichlorobenzene | | ug/L | <MDL | 0.024 | 0.0485 |
| 0486 | 10/8/2002 | L25875-12 | 1,2-Dichlorobenzene | | ug/L | <MDL | 0.0049 | 0.00971 |
| 0486 | 10/8/2002 | L25875-12 | 1,2-Diphenylhydrazine | | ug/L | <MDL | 0.049 | 0.0971 |
| 0486 | 10/8/2002 | L25875-12 | 1,3-Dichlorobenzene | | ug/L | <MDL | 0.0049 | 0.00971 |
| 0486 | 10/8/2002 | L25875-12 | 1,4-Dichlorobenzene | | ug/L | <MDL | 0.0049 | 0.00971 |
| 0486 | 10/8/2002 | L25875-12 | 2,4,5-T | | ug/L | <MDL | 0.048 | 0.161 |
| 0486 | 10/8/2002 | L25875-12 | 2,4,5-TP (Silvex) | | ug/L | <MDL | 0.016 | 0.0806 |
| 0486 | 10/8/2002 | L25875-12 | 2,4,5-Trichlorophenol | | ug/L | <MDL | 0.049 | 0.243 |
| 0486 | 10/8/2002 | L25875-12 | 2,4,6-Trichlorophenol | | ug/L | <MDL | 0.049 | 0.243 |
| 0486 | 10/8/2002 | L25875-12 | 2,4-D | 0.306 | ug/L | | 0.038 | 0.121 |
| 0486 | 10/8/2002 | L25875-12 | 2,4-DB | | ug/L | <MDL | 0.044 | 0.121 |
| 0486 | 10/8/2002 | L25875-12 | 2,4-Dichlorophenol | | ug/L | <MDL | 0.024 | 0.243 |
| 0486 | 10/8/2002 | L25875-12 | 2,4-Dimethylphenol | | ug/L | <MDL | 0.024 | 0.243 |
| 0486 | 10/8/2002 | L25875-12 | 2,4-Dinitrophenol | | ug/L | <MDL | 0.24 | 2.43 |
| 0486 | 10/8/2002 | L25875-12 | 2,4-Dinitrotoluene | | ug/L | <MDL | 0.49 | 0.971 |
| 0486 | 10/8/2002 | L25875-12 | 2,6-Dinitrotoluene | | ug/L | <MDL | 0.49 | 0.971 |
| 0486 | 10/8/2002 | L25875-12 | 2-Chloronaphthalene | | ug/L | <MDL | 0.0097 | 0.0243 |
| 0486 | 10/8/2002 | L25875-12 | 2-Chlorophenol | | ug/L | <MDL | 0.0097 | 0.0243 |
| 0486 | 10/8/2002 | L25875-12 | 2-Methylnaphthalene | | ug/L | <MDL | 0.024 | 0.0485 |
| 0486 | 10/8/2002 | L25875-12 | 2-Methylphenol | | ug/L | <MDL | 0.024 | 0.121 |
| 0486 | 10/8/2002 | L25875-12 | 2-Nitroaniline | | ug/L | <MDL | 0.49 | 0.971 |
| 0486 | 10/8/2002 | L25875-12 | 2-Nitrophenol | | ug/L | <MDL | 0.049 | 0.243 |
| 0486 | 10/8/2002 | L25875-12 | 3,3'-Dichlorobenzidine | | ug/L | <MDL | 0.049 | 0.0971 |
| 0486 | 10/8/2002 | L25875-12 | 3-Methylphenol | | ug/L | <MDL | 0.024 | 0.121 |
| 0486 | 10/8/2002 | L25875-12 | 3-Nitroaniline | | ug/L | <MDL | 0.12 | 0.485 |
| 0486 | 10/8/2002 | L25875-12 | 4,4'-DDD | | ug/L | <MDL | 0.0012 | 0.00248 |
| 0486 | 10/8/2002 | L25875-12 | 4,4'-DDE | | ug/L | <MDL | 0.0012 | 0.00248 |
| 0486 | 10/8/2002 | L25875-12 | 4,4'-DDT | | ug/L | <MDL | 0.0012 | 0.00248 |
| 0486 | 10/8/2002 | L25875-12 | 4,6-Dinitro-O-Cresol | | ug/L | <MDL | 0.24 | 2.43 |
| 0486 | 10/8/2002 | L25875-12 | 4-Bromophenyl Phenyl Ether | | ug/L | <MDL | 0.049 | 0.0971 |
| 0486 | 10/8/2002 | L25875-12 | 4-Chloro-3-Methylphenol | | ug/L | <MDL | 0.049 | 0.243 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0486 | 10/8/2002 | L25875-12 | 4-Chloroaniline | | ug/L | <MDL | 0.024 | 0.121 |
| 0486 | 10/8/2002 | L25875-12 | 4-Chlorophenyl Phenyl Ether | | ug/L | <MDL | 0.024 | 0.0485 |
| 0486 | 10/8/2002 | L25875-12 | 4-Methylphenol | | ug/L | <MDL | 0.024 | 0.121 |
| 0486 | 10/8/2002 | L25875-12 | 4-Nitroaniline | | ug/L | <MDL | 0.49 | 0.971 |
| 0486 | 10/8/2002 | L25875-12 | 4-Nitrophenol | | ug/L | <MDL | 0.24 | 2.43 |
| 0486 | 10/8/2002 | L25875-12 | Acenaphthene | | ug/L | <MDL | 0.0049 | 0.00971 |
| 0486 | 10/8/2002 | L25875-12 | Acenaphthylene | | ug/L | <MDL | 0.049 | 0.0971 |
| 0486 | 10/8/2002 | L25875-12 | Aldrin | | ug/L | <MDL | 0.0012 | 0.00248 |
| 0486 | 10/8/2002 | L25875-12 | Alpha-BHC | | ug/L | <MDL | 0.00062 | 0.00124 |
| 0486 | 10/8/2002 | L25875-12 | Alpha-Chlordane | | ug/L | <MDL | 0.00062 | 0.00124 |
| 0486 | 10/8/2002 | L25875-12 | Aluminum, Dissolved, ICP-MS | | mg/L | <MDL | 0.002 | 0.01 |
| 0486 | 10/8/2002 | L25875-12 | Aluminum, Total, ICP-MS | 0.0094 | mg/L | <RDL | 0.002 | 0.01 |
| 0486 | 10/8/2002 | L25875-12 | Ammonia Nitrogen | 0.012 | mg/L | <RDL | 0.01 | 0.02 |
| 0486 | 10/8/2002 | L25875-12 | Aniline | | ug/L | <MDL | 0.049 | 0.0971 |
| 0486 | 10/8/2002 | L25875-12 | Anthracene | | ug/L | <MDL | 0.0097 | 0.0243 |
| 0486 | 10/8/2002 | L25875-12 | Antimony, Dissolved, ICP-MS | 6.65E-05 | mg/L | | 0.00001 | 0.00005 |
| 0486 | 10/8/2002 | L25875-12 | Antimony, Total, ICP-MS | 6.64E-05 | mg/L | | 0.00001 | 0.00005 |
| 0486 | 10/8/2002 | L25875-12 | Aroclor 1016 | | ug/L | <MDL | 0.0062 | 0.0124 |
| 0486 | 10/8/2002 | L25875-12 | Aroclor 1221 | | ug/L | <MDL | 0.012 | 0.0248 |
| 0486 | 10/8/2002 | L25875-12 | Aroclor 1232 | | ug/L | <MDL | 0.012 | 0.0248 |
| 0486 | 10/8/2002 | L25875-12 | Aroclor 1242 | | ug/L | <MDL | 0.0062 | 0.0124 |
| 0486 | 10/8/2002 | L25875-12 | Aroclor 1248 | | ug/L | <MDL | 0.0062 | 0.0124 |
| 0486 | 10/8/2002 | L25875-12 | Aroclor 1254 | | ug/L | <MDL | 0.0062 | 0.0124 |
| 0486 | 10/8/2002 | L25875-12 | Aroclor 1260 | | ug/L | <MDL | 0.0062 | 0.0124 |
| 0486 | 10/8/2002 | L25875-12 | Arsenic, Dissolved, ICP-MS | 0.000915 | mg/L | | 0.0001 | 0.0005 |
| 0486 | 10/8/2002 | L25875-12 | Arsenic, Total, ICP-MS | 0.000984 | mg/L | | 0.0001 | 0.0005 |
| 0486 | 10/8/2002 | L25875-12 | Atrazine | | ug/L | <MDL | 0.049 | 0.243 |
| 0486 | 10/8/2002 | L25875-12 | Barium, Dissolved, ICP-MS | 0.00398 | mg/L | | 0.0002 | 0.001 |
| 0486 | 10/8/2002 | L25875-12 | Barium, Total, ICP-MS | 0.00413 | mg/L | | 0.0002 | 0.001 |
| 0486 | 10/8/2002 | L25875-12 | Benzidine | | ug/L | <MDL | 0.49 | 4.85 |
| 0486 | 10/8/2002 | L25875-12 | Benzo(a)anthracene | | ug/L | <MDL | 0.0049 | 0.00971 |
| 0486 | 10/8/2002 | L25875-12 | Benzo(a)pyrene | | ug/L | <MDL | 0.024 | 0.0485 |
| 0486 | 10/8/2002 | L25875-12 | Benzo(b)fluoranthene | | ug/L | <MDL | 0.024 | 0.0485 |
| 0486 | 10/8/2002 | L25875-12 | Benzo(g,h,i)perylene | | ug/L | <MDL | 0.024 | 0.0485 |
| 0486 | 10/8/2002 | L25875-12 | Benzo(k)fluoranthene | | ug/L | <MDL | 0.024 | 0.0485 |
| 0486 | 10/8/2002 | L25875-12 | Benzoic Acid | | ug/L | <MDL | 0.24 | 2.43 |
| 0486 | 10/8/2002 | L25875-12 | Benzyl Alcohol | | ug/L | <MDL | 0.049 | 0.243 |
| 0486 | 10/8/2002 | L25875-12 | Benzyl Butyl Phthalate | | ug/L | <RDL,B | 1.55 | 0.485 |
| 0486 | 10/8/2002 | L25875-12 | Beryllium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| 0486 | 10/8/2002 | L25875-12 | Beryllium, Total, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| 0486 | 10/8/2002 | L25875-12 | Beta-BHC | | ug/L | <MDL | 0.00062 | 0.00124 |
| 0486 | 10/8/2002 | L25875-12 | Bis(2-Chloroethoxy)Methane | | ug/L | <MDL | 0.024 | 0.0485 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0486 | 10/8/2002 | L25875-12 | Bis(2-Chloroethyl)Ether | | ug/L | <MDL | 0.024 | 0.0485 |
| 0486 | 10/8/2002 | L25875-12 | Bis(2-Chloroisopropyl)Ether | | ug/L | <MDL | 0.0097 | 0.0243 |
| 0486 | 10/8/2002 | L25875-12 | Bis(2-ethylhexyl)adipate | | ug/L | <RDL,B | 1.05 | 0.485 |
| 0486 | 10/8/2002 | L25875-12 | Bis(2-Ethylhexyl)Phthalate | | ug/L | B | 2.25 | 0.0485 |
| 0486 | 10/8/2002 | L25875-12 | Bisphenol A | 0.25 | ug/L | <RDL | 0.12 | 0.485 |
| 0486 | 10/8/2002 | L25875-12 | Cadmium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| 0486 | 10/8/2002 | L25875-12 | Cadmium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| 0486 | 10/8/2002 | L25875-12 | Caffeine | | ug/L | <MDL | 0.024 | 0.0485 |
| 0486 | 10/8/2002 | L25875-12 | Calcium, Dissolved, ICP | 10.7 | mg/L | | 0.05 | 0.25 |
| 0486 | 10/8/2002 | L25875-12 | Calcium, Total, ICP | 10.1 | mg/L | | 0.05 | 0.25 |
| 0486 | 10/8/2002 | L25875-12 | Carbazole | | ug/L | <MDL | 0.0097 | 0.0243 |
| 0486 | 10/8/2002 | L25875-12 | Chlordecone (Kepone) | | ug/L | <MDL | 0.12 | 0.485 |
| 0486 | 10/8/2002 | L25875-12 | Chlorpyrifos | | ug/L | <MDL | 0.032 | 0.0472 |
| 0486 | 10/8/2002 | L25875-12 | Chromium, Dissolved, ICP-MS | 0.000095 | mg/L | <RDL | 0.00005 | 0.00025 |
| 0486 | 10/8/2002 | L25875-12 | Chromium, Total, ICP-MS | 0.00015 | mg/L | <RDL | 0.00005 | 0.00025 |
| 0486 | 10/8/2002 | L25875-12 | Chrysene | | ug/L | <MDL | 0.0097 | 0.0243 |
| 0486 | 10/8/2002 | L25875-12 | Cobalt, Dissolved, ICP-MS | 0.000026 | mg/L | <RDL | 0.00001 | 0.00005 |
| 0486 | 10/8/2002 | L25875-12 | Conductivity, Field | 112 | umhos/cm | | | |
| 0486 | 10/8/2002 | L25875-12 | Copper, Dissolved, ICP-MS | 0.000523 | mg/L | | 0.0001 | 0.0005 |
| 0486 | 10/8/2002 | L25875-12 | Copper, Total, ICP-MS | 0.000562 | mg/L | | 0.0001 | 0.0005 |
| 0486 | 10/8/2002 | L25875-12 | Coprostanol | | ug/L | <MDL | 1.2 | 9.71 |
| 0486 | 10/8/2002 | L25875-12 | Dalapon | | ug/L | <MDL | 0.048 | 0.161 |
| 0486 | 10/8/2002 | L25875-12 | Delta-BHC | | ug/L | <MDL | 0.00062 | 0.00124 |
| 0486 | 10/8/2002 | L25875-12 | Diazinon | | ug/L | <MDL | 0.041 | 0.0472 |
| 0486 | 10/8/2002 | L25875-12 | Diazinon | | ug/L | <MDL | 0.049 | 0.243 |
| 0486 | 10/8/2002 | L25875-12 | Dibenzo(a,h)anthracene | | ug/L | <MDL | 0.024 | 0.0485 |
| 0486 | 10/8/2002 | L25875-12 | Dibenzofuran | | ug/L | <MDL | 0.0097 | 0.0243 |
| 0486 | 10/8/2002 | L25875-12 | Dicamba | | ug/L | <MDL | 0.039 | 0.121 |
| 0486 | 10/8/2002 | L25875-12 | Dichloroprop | | ug/L | <MDL | 0.016 | 0.0806 |
| 0486 | 10/8/2002 | L25875-12 | Dieldrin | | ug/L | <MDL | 0.0012 | 0.00248 |
| 0486 | 10/8/2002 | L25875-12 | Diethyl Phthalate | 0.114 | ug/L | | 0.024 | 0.0971 |
| 0486 | 10/8/2002 | L25875-12 | Dimethyl Phthalate | | ug/L | <MDL | 0.024 | 0.0485 |
| 0486 | 10/8/2002 | L25875-12 | Di-N-Butyl Phthalate | | ug/L | B | 1.15 | 0.243 |
| 0486 | 10/8/2002 | L25875-12 | Di-N-Octyl Phthalate | | ug/L | <MDL | 0.024 | 0.0485 |
| 0486 | 10/8/2002 | L25875-12 | Dinoseb | | ug/L | <MDL | 0.047 | 0.161 |
| 0486 | 10/8/2002 | L25875-12 | Dissolved Oxygen, Field | 7.8 | mg/L | | | |
| 0486 | 10/8/2002 | L25875-12 | Disulfoton | | ug/L | <MDL | 0.025 | 0.0472 |
| 0486 | 10/8/2002 | L25875-12 | Endosulfan I | | ug/L | <MDL | 0.0012 | 0.00248 |
| 0486 | 10/8/2002 | L25875-12 | Endosulfan II | | ug/L | <MDL | 0.0012 | 0.00248 |
| 0486 | 10/8/2002 | L25875-12 | Endosulfan Sulfate | | ug/L | <MDL | 0.0012 | 0.00248 |
| 0486 | 10/8/2002 | L25875-12 | Endrin | | ug/L | <MDL | 0.0012 | 0.00248 |
| 0486 | 10/8/2002 | L25875-12 | Endrin Aldehyde | | ug/L | <MDL | 0.0025 | 0.00495 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0486 | 10/8/2002 | L25875-12 | Enterococcus | 7 | CFU/100ml | | | |
| 0486 | 10/8/2002 | L25875-12 | Escherichia coli | 60 | CFU/100ml | | | |
| 0486 | 10/8/2002 | L25875-12 | Estradiol | | ug/L | <MDL | 0.12 | 0.485 |
| 0486 | 10/8/2002 | L25875-12 | Estrone | | ug/L | <MDL | 0.12 | 0.485 |
| 0486 | 10/8/2002 | L25875-12 | Ethynyl estradiol | | ug/L | <MDL | 0.12 | 0.485 |
| 0486 | 10/8/2002 | L25875-12 | Fecal Coliform | 86 | CFU/100ml | | | |
| 0486 | 10/8/2002 | L25875-12 | Fluoranthene | | ug/L | <MDL | 0.024 | 0.0485 |
| 0486 | 10/8/2002 | L25875-12 | Fluorene | | ug/L | <MDL | 0.024 | 0.0485 |
| 0486 | 10/8/2002 | L25875-12 | Fluoride | 0.0461 | mg/L | | 0.02 | 0.04 |
| 0486 | 10/8/2002 | L25875-12 | Gamma-BHC (Lindane) | | ug/L | <MDL | 0.00062 | 0.00124 |
| 0486 | 10/8/2002 | L25875-12 | Gamma-Chlordane | | ug/L | <MDL | 0.00062 | 0.00124 |
| 0486 | 10/8/2002 | L25875-12 | Hardness, Calc | 42.5 | mg CaCO3/L | | 0.2 | 1.25 |
| 0486 | 10/8/2002 | L25875-12 | Heptachlor | | ug/L | <MDL | 0.00062 | 0.00124 |
| 0486 | 10/8/2002 | L25875-12 | Heptachlor Epoxide | | ug/L | <MDL | 0.00062 | 0.00124 |
| 0486 | 10/8/2002 | L25875-12 | Hexachlorobenzene | | ug/L | <MDL | 0.024 | 0.0485 |
| 0486 | 10/8/2002 | L25875-12 | Hexachlorobutadiene | | ug/L | <MDL | 0.024 | 0.0485 |
| 0486 | 10/8/2002 | L25875-12 | Hexachlorocyclopentadiene | | ug/L | <MDL | 0.049 | 0.485 |
| 0486 | 10/8/2002 | L25875-12 | Hexachloroethane | | ug/L | <MDL | 0.024 | 0.0485 |
| 0486 | 10/8/2002 | L25875-12 | Indeno(1,2,3-Cd)Pyrene | | ug/L | <MDL | 0.024 | 0.0485 |
| 0486 | 10/8/2002 | L25875-12 | Iron, Dissolved, ICP | 0.12 | mg/L | <RDL | 0.05 | 0.25 |
| 0486 | 10/8/2002 | L25875-12 | Iron, Total, ICP | 0.18 | mg/L | <RDL | 0.05 | 0.25 |
| 0486 | 10/8/2002 | L25875-12 | Isophorone | | ug/L | <MDL | 0.24 | 0.0485 |
| 0486 | 10/8/2002 | L25875-12 | Lead, Dissolved, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| 0486 | 10/8/2002 | L25875-12 | Lead, Total, ICP-MS | 0.000027 | mg/L | <RDL | 0.000025 | 0.000125 |
| 0486 | 10/8/2002 | L25875-12 | Magnesium, Dissolved, ICP | 4.29 | mg/L | | 0.03 | 0.15 |
| 0486 | 10/8/2002 | L25875-12 | Magnesium, Total, ICP | 4.2 | mg/L | | 0.03 | 0.15 |
| 0486 | 10/8/2002 | L25875-12 | Malathion | | ug/L | <MDL | 0.045 | 0.0472 |
| 0486 | 10/8/2002 | L25875-12 | MCPA | | ug/L | <MDL | 0.022 | 0.0806 |
| 0486 | 10/8/2002 | L25875-12 | MCPP | | ug/L | <MDL | 0.03 | 0.0806 |
| 0486 | 10/8/2002 | L25875-12 | Mercury, Dissolved, CVAF | 2.2E-07 | mg/L | <RDL | 0.0000001 | 5E-07 |
| 0486 | 10/8/2002 | L25875-12 | Mercury, Total, CVAF | 2.8E-07 | mg/L | <RDL | 0.0000001 | 5E-07 |
| 0486 | 10/8/2002 | L25875-12 | Methoxychlor | | ug/L | <MDL | 0.0062 | 0.0124 |
| 0486 | 10/8/2002 | L25875-12 | Methyltestosterone | | ug/L | <MDL | 0.12 | 0.485 |
| 0486 | 10/8/2002 | L25875-12 | Molybdenum, Dissolved, ICP-MS | 0.000189 | mg/L | | 0.00001 | 0.00005 |
| 0486 | 10/8/2002 | L25875-12 | Molybdenum, Total, ICP-MS | 0.000194 | mg/L | | 0.00001 | 0.00005 |
| 0486 | 10/8/2002 | L25875-12 | Naphthalene | | ug/L | <MDL | 0.0097 | 0.0243 |
| 0486 | 10/8/2002 | L25875-12 | Nickel, Dissolved, ICP-MS | 0.000399 | mg/L | | 0.00005 | 0.00025 |
| 0486 | 10/8/2002 | L25875-12 | Nickel, Total, ICP-MS | 0.000405 | mg/L | | 0.00005 | 0.00025 |
| 0486 | 10/8/2002 | L25875-12 | Nitrate Nitrogen | | mg/L | <MDL | 0.02 | 0.04 |
| 0486 | 10/8/2002 | L25875-12 | Nitrite + Nitrate Nitrogen | | mg/L | <MDL | 0.02 | 0.04 |
| 0486 | 10/8/2002 | L25875-12 | Nitrobenzene | | ug/L | <MDL | 0.049 | 0.0971 |
| 0486 | 10/8/2002 | L25875-12 | N-Nitrosodimethylamine | | ug/L | <MDL | 0.049 | 0.121 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0486 | 10/8/2002 | L25875-12 | N-Nitrosodi-N-Propylamine | | ug/L | <MDL | 0.049 | 0.0971 |
| 0486 | 10/8/2002 | L25875-12 | N-Nitrosodiphenylamine | | ug/L | <MDL | 0.024 | 0.0485 |
| 0486 | 10/8/2002 | L25875-12 | Ortho Phosphorus | 0.0032 | mg/L | <RDL | 0.002 | 0.005 |
| 0486 | 10/8/2002 | L25875-12 | Parathion-Ethyl | | ug/L | <MDL | 0.042 | 0.0472 |
| 0486 | 10/8/2002 | L25875-12 | Parathion-Methyl | | ug/L | <MDL | 0.034 | 0.0472 |
| 0486 | 10/8/2002 | L25875-12 | Pentachlorophenol | | ug/L | <MDL | 0.12 | 0.971 |
| 0486 | 10/8/2002 | L25875-12 | pH, Field | 6.8 | pH | | | |
| 0486 | 10/8/2002 | L25875-12 | Phenanthrene | | ug/L | <MDL | 0.0097 | 0.0243 |
| 0486 | 10/8/2002 | L25875-12 | Phenol | | ug/L | B | 0.09 | 0.00971 |
| 0486 | 10/8/2002 | L25875-12 | Phorate | | ug/L | <MDL | 0.031 | 0.0472 |
| 0486 | 10/8/2002 | L25875-12 | Progesterone | | ug/L | <MDL | 0.12 | 0.485 |
| 0486 | 10/8/2002 | L25875-12 | Pyrene | | ug/L | <MDL | 0.0097 | 0.0243 |
| 0486 | 10/8/2002 | L25875-12 | Pyridine | | ug/L | <MDL | 0.49 | 0.971 |
| 0486 | 10/8/2002 | L25875-12 | Sample Temperature, Field | 15.9 | deg C | | | |
| 0486 | 10/8/2002 | L25875-12 | Selenium, Dissolved, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| 0486 | 10/8/2002 | L25875-12 | Selenium, Total, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| 0486 | 10/8/2002 | L25875-12 | Silver, Dissolved, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| 0486 | 10/8/2002 | L25875-12 | Silver, Total, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| 0486 | 10/8/2002 | L25875-12 | Simazine | | ug/L | <MDL | 0.049 | 0.243 |
| 0486 | 10/8/2002 | L25875-12 | Testosterone | | ug/L | <MDL | 0.12 | 0.485 |
| 0486 | 10/8/2002 | L25875-12 | Thallium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| 0486 | 10/8/2002 | L25875-12 | Thallium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| 0486 | 10/8/2002 | L25875-12 | Total 4-Nonylphenol | | ug/L | <MDL | 0.12 | 0.485 |
| 0486 | 10/8/2002 | L25875-12 | Total Suspended Solids | 0.6 | mg/L | <RDL | 0.5 | 1 |
| 0486 | 10/8/2002 | L25875-12 | Toxaphene | | ug/L | <MDL | 0.012 | 0.0248 |
| 0486 | 10/8/2002 | L25875-12 | Vanadium, Dissolved, ICP-MS | 0.000327 | mg/L | | 0.000025 | 0.000125 |
| 0486 | 10/8/2002 | L25875-12 | Vanadium, Total, ICP-MS | 0.000381 | mg/L | | 0.000025 | 0.000125 |
| 0486 | 10/8/2002 | L25875-12 | Vinclozolin | | ug/L | <MDL | 0.12 | 0.485 |
| 0486 | 10/8/2002 | L25875-12 | Zinc, Dissolved, ICP-MS | | mg/L | B | 0.00545 | 0.00075 |
| 0486 | 10/8/2002 | L25875-12 | Zinc, Total, ICP-MS | 0.00051 | mg/L | <RDL | 0.00015 | 0.00075 |
| 0486 | 10/8/2002 | L25875-13 | 1,2,4-Trichlorobenzene | | ug/L | <MDL | 0.025 | 0.0495 |
| 0486 | 10/8/2002 | L25875-13 | 1,2-Dichlorobenzene | | ug/L | <MDL | 0.005 | 0.0099 |
| 0486 | 10/8/2002 | L25875-13 | 1,2-Diphenylhydrazine | | ug/L | <MDL | 0.05 | 0.099 |
| 0486 | 10/8/2002 | L25875-13 | 1,3-Dichlorobenzene | | ug/L | <MDL | 0.005 | 0.0099 |
| 0486 | 10/8/2002 | L25875-13 | 1,4-Dichlorobenzene | | ug/L | <MDL | 0.005 | 0.0099 |
| 0486 | 10/8/2002 | L25875-13 | 2,4,5-T | | ug/L | <MDL | 0.048 | 0.161 |
| 0486 | 10/8/2002 | L25875-13 | 2,4,5-TP (Silvex) | | ug/L | <MDL | 0.016 | 0.0806 |
| 0486 | 10/8/2002 | L25875-13 | 2,4,5-Trichlorophenol | | ug/L | <MDL | 0.05 | 0.248 |
| 0486 | 10/8/2002 | L25875-13 | 2,4,6-Trichlorophenol | | ug/L | <MDL | 0.05 | 0.248 |
| 0486 | 10/8/2002 | L25875-13 | 2,4-D | 0.298 | ug/L | | 0.038 | 0.121 |
| 0486 | 10/8/2002 | L25875-13 | 2,4-DB | | ug/L | <MDL | 0.044 | 0.121 |
| 0486 | 10/8/2002 | L25875-13 | 2,4-Dichlorophenol | | ug/L | <MDL | 0.025 | 0.248 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0486 | 10/8/2002 | L25875-13 | 2,4-Dimethylphenol | | ug/L | <MDL | 0.025 | 0.248 |
| 0486 | 10/8/2002 | L25875-13 | 2,4-Dinitrophenol | | ug/L | <MDL | 0.25 | 2.48 |
| 0486 | 10/8/2002 | L25875-13 | 2,4-Dinitrotoluene | | ug/L | <MDL | 0.5 | 0.99 |
| 0486 | 10/8/2002 | L25875-13 | 2,6-Dinitrotoluene | | ug/L | <MDL | 0.5 | 0.99 |
| 0486 | 10/8/2002 | L25875-13 | 2-Chloronaphthalene | | ug/L | <MDL | 0.0099 | 0.0248 |
| 0486 | 10/8/2002 | L25875-13 | 2-Chlorophenol | | ug/L | <MDL | 0.0099 | 0.0248 |
| 0486 | 10/8/2002 | L25875-13 | 2-Methylnaphthalene | | ug/L | <MDL | 0.025 | 0.0495 |
| 0486 | 10/8/2002 | L25875-13 | 2-Methylphenol | | ug/L | <MDL | 0.025 | 0.124 |
| 0486 | 10/8/2002 | L25875-13 | 2-Nitroaniline | | ug/L | <MDL | 0.5 | 0.99 |
| 0486 | 10/8/2002 | L25875-13 | 2-Nitrophenol | | ug/L | <MDL | 0.05 | 0.248 |
| 0486 | 10/8/2002 | L25875-13 | 3,3'-Dichlorobenzidine | | ug/L | <MDL | 0.05 | 0.099 |
| 0486 | 10/8/2002 | L25875-13 | 3-Methylphenol | | ug/L | <MDL | 0.025 | 0.124 |
| 0486 | 10/8/2002 | L25875-13 | 3-Nitroaniline | | ug/L | <MDL | 0.12 | 0.495 |
| 0486 | 10/8/2002 | L25875-13 | 4,4'-DDD | | ug/L | <MDL | 0.0013 | 0.00251 |
| 0486 | 10/8/2002 | L25875-13 | 4,4'-DDE | | ug/L | <MDL | 0.0013 | 0.00251 |
| 0486 | 10/8/2002 | L25875-13 | 4,4'-DDT | | ug/L | <MDL | 0.0013 | 0.00251 |
| 0486 | 10/8/2002 | L25875-13 | 4,6-Dinitro-O-Cresol | | ug/L | <MDL | 0.25 | 2.48 |
| 0486 | 10/8/2002 | L25875-13 | 4-Bromophenyl Phenyl Ether | | ug/L | <MDL | 0.05 | 0.099 |
| 0486 | 10/8/2002 | L25875-13 | 4-Chloro-3-Methylphenol | | ug/L | <MDL | 0.05 | 0.248 |
| 0486 | 10/8/2002 | L25875-13 | 4-Chloroaniline | | ug/L | <MDL | 0.025 | 0.124 |
| 0486 | 10/8/2002 | L25875-13 | 4-Chlorophenyl Phenyl Ether | | ug/L | <MDL | 0.025 | 0.0495 |
| 0486 | 10/8/2002 | L25875-13 | 4-Methylphenol | | ug/L | <MDL | 0.025 | 0.124 |
| 0486 | 10/8/2002 | L25875-13 | 4-Nitroaniline | | ug/L | <MDL | 0.5 | 0.99 |
| 0486 | 10/8/2002 | L25875-13 | 4-Nitrophenol | | ug/L | <MDL | 0.25 | 2.48 |
| 0486 | 10/8/2002 | L25875-13 | Acenaphthene | | ug/L | <MDL | 0.005 | 0.0099 |
| 0486 | 10/8/2002 | L25875-13 | Acenaphthylene | | ug/L | <MDL | 0.05 | 0.099 |
| 0486 | 10/8/2002 | L25875-13 | Aldrin | | ug/L | <MDL | 0.0013 | 0.00251 |
| 0486 | 10/8/2002 | L25875-13 | Alpha-BHC | | ug/L | <MDL | 0.00063 | 0.00126 |
| 0486 | 10/8/2002 | L25875-13 | Alpha-Chlordane | | ug/L | <MDL | 0.00063 | 0.00126 |
| 0486 | 10/8/2002 | L25875-13 | Aluminum, Dissolved, ICP-MS | | mg/L | <MDL | 0.002 | 0.01 |
| 0486 | 10/8/2002 | L25875-13 | Aluminum, Total, ICP-MS | 0.0152 | mg/L | | 0.002 | 0.01 |
| 0486 | 10/8/2002 | L25875-13 | Ammonia Nitrogen | 0.011 | mg/L | <RDL | 0.01 | 0.02 |
| 0486 | 10/8/2002 | L25875-13 | Aniline | | ug/L | <MDL | 0.05 | 0.099 |
| 0486 | 10/8/2002 | L25875-13 | Anthracene | | ug/L | <MDL | 0.0099 | 0.0248 |
| 0486 | 10/8/2002 | L25875-13 | Antimony, Dissolved, ICP-MS | 6.65E-05 | mg/L | | 0.00001 | 0.00005 |
| 0486 | 10/8/2002 | L25875-13 | Antimony, Total, ICP-MS | 6.57E-05 | mg/L | | 0.00001 | 0.00005 |
| 0486 | 10/8/2002 | L25875-13 | Aroclor 1016 | | ug/L | <MDL | 0.0063 | 0.0126 |
| 0486 | 10/8/2002 | L25875-13 | Aroclor 1221 | | ug/L | <MDL | 0.013 | 0.0251 |
| 0486 | 10/8/2002 | L25875-13 | Aroclor 1232 | | ug/L | <MDL | 0.013 | 0.0251 |
| 0486 | 10/8/2002 | L25875-13 | Aroclor 1242 | | ug/L | <MDL | 0.0063 | 0.0126 |
| 0486 | 10/8/2002 | L25875-13 | Aroclor 1248 | | ug/L | <MDL | 0.0063 | 0.0126 |
| 0486 | 10/8/2002 | L25875-13 | Aroclor 1254 | | ug/L | <MDL | 0.0063 | 0.0126 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0486 | 10/8/2002 | L25875-13 | Aroclor 1260 | | ug/L | <MDL | 0.0063 | 0.0126 |
| 0486 | 10/8/2002 | L25875-13 | Arsenic, Dissolved, ICP-MS | 0.000937 | mg/L | | 0.0001 | 0.0005 |
| 0486 | 10/8/2002 | L25875-13 | Arsenic, Total, ICP-MS | 0.000962 | mg/L | | 0.0001 | 0.0005 |
| 0486 | 10/8/2002 | L25875-13 | Atrazine | | ug/L | <MDL | 0.05 | 0.248 |
| 0486 | 10/8/2002 | L25875-13 | Barium, Dissolved, ICP-MS | 0.00398 | mg/L | | 0.0002 | 0.001 |
| 0486 | 10/8/2002 | L25875-13 | Barium, Total, ICP-MS | 0.00408 | mg/L | | 0.0002 | 0.001 |
| 0486 | 10/8/2002 | L25875-13 | Benzidine | | ug/L | <MDL | 0.5 | 4.95 |
| 0486 | 10/8/2002 | L25875-13 | Benzo(a)anthracene | | ug/L | <MDL | 0.005 | 0.0099 |
| 0486 | 10/8/2002 | L25875-13 | Benzo(a)pyrene | | ug/L | <MDL | 0.025 | 0.0495 |
| 0486 | 10/8/2002 | L25875-13 | Benzo(b)fluoranthene | | ug/L | <MDL | 0.025 | 0.0495 |
| 0486 | 10/8/2002 | L25875-13 | Benzo(g,h,i)perylene | | ug/L | <MDL | 0.025 | 0.0495 |
| 0486 | 10/8/2002 | L25875-13 | Benzo(k)fluoranthene | | ug/L | <MDL | 0.025 | 0.0495 |
| 0486 | 10/8/2002 | L25875-13 | Benzoic Acid | | ug/L | <MDL | 0.25 | 2.48 |
| 0486 | 10/8/2002 | L25875-13 | Benzyl Alcohol | | ug/L | <MDL | 0.05 | 0.248 |
| 0486 | 10/8/2002 | L25875-13 | Benzyl Butyl Phthalate | | ug/L | <RDL,B | 1.55 | 0.495 |
| 0486 | 10/8/2002 | L25875-13 | Beryllium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| 0486 | 10/8/2002 | L25875-13 | Beryllium, Total, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| 0486 | 10/8/2002 | L25875-13 | Beta-BHC | | ug/L | <MDL | 0.00063 | 0.00126 |
| 0486 | 10/8/2002 | L25875-13 | Bis(2-Chloroethoxy)Methane | | ug/L | <MDL | 0.025 | 0.0495 |
| 0486 | 10/8/2002 | L25875-13 | Bis(2-Chloroethyl)Ether | | ug/L | <MDL | 0.025 | 0.0495 |
| 0486 | 10/8/2002 | L25875-13 | Bis(2-Chloroisopropyl)Ether | | ug/L | <MDL | 0.0099 | 0.0248 |
| 0486 | 10/8/2002 | L25875-13 | Bis(2-ethylhexyl)adipate | | ug/L | B | 1.05 | 0.495 |
| 0486 | 10/8/2002 | L25875-13 | Bis(2-Ethylhexyl)Phthalate | | ug/L | B | 2.25 | 0.0495 |
| 0486 | 10/8/2002 | L25875-13 | Bisphenol A | 0.22 | ug/L | <RDL | 0.12 | 0.495 |
| 0486 | 10/8/2002 | L25875-13 | Cadmium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| 0486 | 10/8/2002 | L25875-13 | Cadmium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| 0486 | 10/8/2002 | L25875-13 | Caffeine | | ug/L | <MDL | 0.025 | 0.0495 |
| 0486 | 10/8/2002 | L25875-13 | Calcium, Dissolved, ICP | 10.7 | mg/L | | 0.05 | 0.25 |
| 0486 | 10/8/2002 | L25875-13 | Calcium, Total, ICP | 9.96 | mg/L | | 0.05 | 0.25 |
| 0486 | 10/8/2002 | L25875-13 | Carbazole | | ug/L | <MDL | 0.0099 | 0.0248 |
| 0486 | 10/8/2002 | L25875-13 | Chlordecone (Kepone) | | ug/L | <MDL | 0.12 | 0.495 |
| 0486 | 10/8/2002 | L25875-13 | Chlorpyrifos | | ug/L | <MDL | 0.032 | 0.0472 |
| 0486 | 10/8/2002 | L25875-13 | Chromium, Dissolved, ICP-MS | 0.00012 | mg/L | <RDL | 0.00005 | 0.00025 |
| 0486 | 10/8/2002 | L25875-13 | Chromium, Total, ICP-MS | 0.00018 | mg/L | <RDL | 0.00005 | 0.00025 |
| 0486 | 10/8/2002 | L25875-13 | Chrysene | | ug/L | <MDL | 0.0099 | 0.0248 |
| 0486 | 10/8/2002 | L25875-13 | Cobalt, Dissolved, ICP-MS | 0.000026 | mg/L | <RDL | 0.00001 | 0.00005 |
| 0486 | 10/8/2002 | L25875-13 | Conductivity, Field | 112 | umhos/cm | | | |
| 0486 | 10/8/2002 | L25875-13 | Copper, Dissolved, ICP-MS | 0.00053 | mg/L | | 0.0001 | 0.0005 |
| 0486 | 10/8/2002 | L25875-13 | Copper, Total, ICP-MS | 0.000562 | mg/L | | 0.0001 | 0.0005 |
| 0486 | 10/8/2002 | L25875-13 | Coprostanol | | ug/L | <MDL | 1.2 | 9.9 |
| 0486 | 10/8/2002 | L25875-13 | Dalapon | | ug/L | <MDL | 0.048 | 0.161 |
| 0486 | 10/8/2002 | L25875-13 | Delta-BHC | | ug/L | <MDL | 0.00063 | 0.00126 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0486 | 10/8/2002 | L25875-13 | Diazinon | | ug/L | <MDL | 0.041 | 0.0472 |
| 0486 | 10/8/2002 | L25875-13 | Diazinon | | ug/L | <MDL | 0.05 | 0.248 |
| 0486 | 10/8/2002 | L25875-13 | Dibenzo(a,h)anthracene | | ug/L | <MDL | 0.025 | 0.0495 |
| 0486 | 10/8/2002 | L25875-13 | Dibenzofuran | | ug/L | <MDL | 0.0099 | 0.0248 |
| 0486 | 10/8/2002 | L25875-13 | Dicamba | | ug/L | <MDL | 0.039 | 0.121 |
| 0486 | 10/8/2002 | L25875-13 | Dichloroprop | | ug/L | <MDL | 0.016 | 0.0806 |
| 0486 | 10/8/2002 | L25875-13 | Dieldrin | | ug/L | <MDL | 0.0013 | 0.00251 |
| 0486 | 10/8/2002 | L25875-13 | Diethyl Phthalate | 0.033 | ug/L | <RDL | 0.025 | 0.099 |
| 0486 | 10/8/2002 | L25875-13 | Dimethyl Phthalate | | ug/L | <MDL | 0.025 | 0.0495 |
| 0486 | 10/8/2002 | L25875-13 | Di-N-Butyl Phthalate | | ug/L | B | 1.15 | 0.248 |
| 0486 | 10/8/2002 | L25875-13 | Di-N-Octyl Phthalate | | ug/L | <MDL | 0.025 | 0.0495 |
| 0486 | 10/8/2002 | L25875-13 | Dinoseb | | ug/L | <MDL | 0.047 | 0.161 |
| 0486 | 10/8/2002 | L25875-13 | Dissolved Oxygen, Field | 7.9 | mg/L | | | |
| 0486 | 10/8/2002 | L25875-13 | Disulfoton | | ug/L | <MDL | 0.025 | 0.0472 |
| 0486 | 10/8/2002 | L25875-13 | Endosulfan I | | ug/L | <MDL | 0.0013 | 0.00251 |
| 0486 | 10/8/2002 | L25875-13 | Endosulfan II | | ug/L | <MDL | 0.0013 | 0.00251 |
| 0486 | 10/8/2002 | L25875-13 | Endosulfan Sulfate | | ug/L | <MDL | 0.0013 | 0.00251 |
| 0486 | 10/8/2002 | L25875-13 | Endrin | | ug/L | <MDL | 0.0013 | 0.00251 |
| 0486 | 10/8/2002 | L25875-13 | Endrin Aldehyde | | ug/L | <MDL | 0.0025 | 0.00503 |
| 0486 | 10/8/2002 | L25875-13 | Enterococcus | 14 | CFU/100ml | | | |
| 0486 | 10/8/2002 | L25875-13 | Escherichia coli | 49 | CFU/100ml | | | |
| 0486 | 10/8/2002 | L25875-13 | Estradiol | | ug/L | <MDL | 0.12 | 0.495 |
| 0486 | 10/8/2002 | L25875-13 | Estrone | | ug/L | <MDL | 0.12 | 0.495 |
| 0486 | 10/8/2002 | L25875-13 | Ethynyl estradiol | | ug/L | <MDL | 0.12 | 0.495 |
| 0486 | 10/8/2002 | L25875-13 | Fecal Coliform | 64 | CFU/100ml | | | |
| 0486 | 10/8/2002 | L25875-13 | Fluoranthene | | ug/L | <MDL | 0.025 | 0.0495 |
| 0486 | 10/8/2002 | L25875-13 | Fluorene | | ug/L | <MDL | 0.025 | 0.0495 |
| 0486 | 10/8/2002 | L25875-13 | Fluoride | 0.0459 | mg/L | | 0.02 | 0.04 |
| 0486 | 10/8/2002 | L25875-13 | Gamma-BHC (Lindane) | | ug/L | <MDL | 0.00063 | 0.00126 |
| 0486 | 10/8/2002 | L25875-13 | Gamma-Chlordane | | ug/L | <MDL | 0.00063 | 0.00126 |
| 0486 | 10/8/2002 | L25875-13 | Hardness, Calc | 42 | mg CaCO3/L | | 0.2 | 1.25 |
| 0486 | 10/8/2002 | L25875-13 | Heptachlor | | ug/L | <MDL | 0.00063 | 0.00126 |
| 0486 | 10/8/2002 | L25875-13 | Heptachlor Epoxide | | ug/L | <MDL | 0.00063 | 0.00126 |
| 0486 | 10/8/2002 | L25875-13 | Hexachlorobenzene | | ug/L | <MDL | 0.025 | 0.0495 |
| 0486 | 10/8/2002 | L25875-13 | Hexachlorobutadiene | | ug/L | <MDL | 0.025 | 0.0495 |
| 0486 | 10/8/2002 | L25875-13 | Hexachlorocyclopentadiene | | ug/L | <MDL | 0.05 | 0.495 |
| 0486 | 10/8/2002 | L25875-13 | Hexachloroethane | | ug/L | <MDL | 0.025 | 0.0495 |
| 0486 | 10/8/2002 | L25875-13 | Indeno(1,2,3-Cd)Pyrene | | ug/L | <MDL | 0.025 | 0.0495 |
| 0486 | 10/8/2002 | L25875-13 | Iron, Dissolved, ICP | 0.12 | mg/L | <RDL | 0.05 | 0.25 |
| 0486 | 10/8/2002 | L25875-13 | Iron, Total, ICP | 0.17 | mg/L | <RDL | 0.05 | 0.25 |
| 0486 | 10/8/2002 | L25875-13 | Isophorone | | ug/L | <MDL | 0.25 | 0.0495 |
| 0486 | 10/8/2002 | L25875-13 | Lead, Dissolved, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0486 | 10/8/2002 | L25875-13 | Lead, Total, ICP-MS | 0.000032 | mg/L | <RDL | 0.000025 | 0.000125 |
| 0486 | 10/8/2002 | L25875-13 | Magnesium, Dissolved, ICP | 4.32 | mg/L | | 0.03 | 0.15 |
| 0486 | 10/8/2002 | L25875-13 | Magnesium, Total, ICP | 4.17 | mg/L | | 0.03 | 0.15 |
| 0486 | 10/8/2002 | L25875-13 | Malathion | | ug/L | <MDL | 0.045 | 0.0472 |
| 0486 | 10/8/2002 | L25875-13 | MCPA | | ug/L | <MDL | 0.022 | 0.0806 |
| 0486 | 10/8/2002 | L25875-13 | MCPP | | ug/L | <MDL | 0.03 | 0.0806 |
| 0486 | 10/8/2002 | L25875-13 | Mercury, Dissolved, CVAF | 1.8E-07 | mg/L | <RDL | 0.0000001 | 5E-07 |
| 0486 | 10/8/2002 | L25875-13 | Mercury, Total, CVAF | 3.4E-07 | mg/L | <RDL | 0.0000001 | 5E-07 |
| 0486 | 10/8/2002 | L25875-13 | Methoxychlor | | ug/L | <MDL | 0.0063 | 0.0126 |
| 0486 | 10/8/2002 | L25875-13 | Methyltestosterone | | ug/L | <MDL | 0.12 | 0.495 |
| 0486 | 10/8/2002 | L25875-13 | Molybdenum, Dissolved, ICP-MS | 0.000199 | mg/L | | 0.00001 | 0.00005 |
| 0486 | 10/8/2002 | L25875-13 | Molybdenum, Total, ICP-MS | 0.000191 | mg/L | | 0.00001 | 0.00005 |
| 0486 | 10/8/2002 | L25875-13 | Naphthalene | | ug/L | <MDL | 0.0099 | 0.0248 |
| 0486 | 10/8/2002 | L25875-13 | Nickel, Dissolved, ICP-MS | 0.000395 | mg/L | | 0.00005 | 0.00025 |
| 0486 | 10/8/2002 | L25875-13 | Nickel, Total, ICP-MS | 0.000418 | mg/L | | 0.00005 | 0.00025 |
| 0486 | 10/8/2002 | L25875-13 | Nitrate Nitrogen | | mg/L | <MDL | 0.02 | 0.04 |
| 0486 | 10/8/2002 | L25875-13 | Nitrite + Nitrate Nitrogen | | mg/L | <MDL | 0.02 | 0.04 |
| 0486 | 10/8/2002 | L25875-13 | Nitrobenzene | | ug/L | <MDL | 0.05 | 0.099 |
| 0486 | 10/8/2002 | L25875-13 | N-Nitrosodimethylamine | | ug/L | <MDL | 0.05 | 0.124 |
| 0486 | 10/8/2002 | L25875-13 | N-Nitrosodi-N-Propylamine | | ug/L | <MDL | 0.05 | 0.099 |
| 0486 | 10/8/2002 | L25875-13 | N-Nitrosodiphenylamine | | ug/L | <MDL | 0.025 | 0.0495 |
| 0486 | 10/8/2002 | L25875-13 | Ortho Phosphorus | 0.0029 | mg/L | <RDL | 0.002 | 0.005 |
| 0486 | 10/8/2002 | L25875-13 | Parathion-Ethyl | | ug/L | <MDL | 0.042 | 0.0472 |
| 0486 | 10/8/2002 | L25875-13 | Parathion-Methyl | | ug/L | <MDL | 0.034 | 0.0472 |
| 0486 | 10/8/2002 | L25875-13 | Pentachlorophenol | | ug/L | <MDL | 0.12 | 0.99 |
| 0486 | 10/8/2002 | L25875-13 | pH, Field | 6.9 | pH | | | |
| 0486 | 10/8/2002 | L25875-13 | Phenanthrene | | ug/L | <MDL | 0.0099 | 0.0248 |
| 0486 | 10/8/2002 | L25875-13 | Phenol | | ug/L | B | 0.09 | 0.0099 |
| 0486 | 10/8/2002 | L25875-13 | Phorate | | ug/L | <MDL | 0.031 | 0.0472 |
| 0486 | 10/8/2002 | L25875-13 | Progesterone | | ug/L | <MDL | 0.12 | 0.495 |
| 0486 | 10/8/2002 | L25875-13 | Pyrene | | ug/L | <MDL | 0.0099 | 0.0248 |
| 0486 | 10/8/2002 | L25875-13 | Pyridine | | ug/L | <MDL | 0.5 | 0.99 |
| 0486 | 10/8/2002 | L25875-13 | Sample Function | | none | | | |
| 0486 | 10/8/2002 | L25875-13 | Sample Temperature, Field | 15.9 | deg C | | | |
| 0486 | 10/8/2002 | L25875-13 | Selenium, Dissolved, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| 0486 | 10/8/2002 | L25875-13 | Selenium, Total, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| 0486 | 10/8/2002 | L25875-13 | Silver, Dissolved, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| 0486 | 10/8/2002 | L25875-13 | Silver, Total, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| 0486 | 10/8/2002 | L25875-13 | Simazine | | ug/L | <MDL | 0.05 | 0.248 |
| 0486 | 10/8/2002 | L25875-13 | Testosterone | | ug/L | <MDL | 0.12 | 0.495 |
| 0486 | 10/8/2002 | L25875-13 | Thallium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| 0486 | 10/8/2002 | L25875-13 | Thallium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0486 | 10/8/2002 | L25875-13 | Total 4-Nonylphenol | | ug/L | <MDL | 0.12 | 0.495 |
| 0486 | 10/8/2002 | L25875-13 | Total Suspended Solids | 0.7 | mg/L | <RDL | 0.5 | 1 |
| 0486 | 10/8/2002 | L25875-13 | Toxaphene | | ug/L | <MDL | 0.013 | 0.0251 |
| 0486 | 10/8/2002 | L25875-13 | Vanadium, Dissolved, ICP-MS | 0.000333 | mg/L | | 0.000025 | 0.000125 |
| 0486 | 10/8/2002 | L25875-13 | Vanadium, Total, ICP-MS | 0.000398 | mg/L | | 0.000025 | 0.000125 |
| 0486 | 10/8/2002 | L25875-13 | Vinclozolin | | ug/L | <MDL | 0.12 | 0.495 |
| 0486 | 10/8/2002 | L25875-13 | Zinc, Dissolved, ICP-MS | | mg/L | B | 0.00545 | 0.00075 |
| 0486 | 10/8/2002 | L25875-13 | Zinc, Total, ICP-MS | 0.00026 | mg/L | <RDL | 0.00015 | 0.00075 |
| 0486 | 9/15/2003 | L29488-12 | 1,2,4-Trichlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0486 | 9/15/2003 | L29488-12 | 1,2-Dichlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0486 | 9/15/2003 | L29488-12 | 1,2-Diphenylhydrazine | | ug/L | <MDL | 0.047 | 0.0943 |
| 0486 | 9/15/2003 | L29488-12 | 1,3-Dichlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0486 | 9/15/2003 | L29488-12 | 1,4-Dichlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0486 | 9/15/2003 | L29488-12 | 2,4,5-T | | ug/L | <MDL | 0.043 | 0.12 |
| 0486 | 9/15/2003 | L29488-12 | 2,4,5-TP (Silvex) | | ug/L | <MDL | 0.046 | 0.16 |
| 0486 | 9/15/2003 | L29488-12 | 2,4,5-Trichlorophenol | | ug/L | <MDL | 0.24 | 0.943 |
| 0486 | 9/15/2003 | L29488-12 | 2,4,6-Trichlorophenol | | ug/L | <MDL | 0.24 | 0.943 |
| 0486 | 9/15/2003 | L29488-12 | 2,4-D | | ug/L | <MDL | 0.016 | 0.08 |
| 0486 | 9/15/2003 | L29488-12 | 2,4-DB | | ug/L | <MDL | 0.022 | 0.08 |
| 0486 | 9/15/2003 | L29488-12 | 2,4-Dichlorophenol | | ug/L | <MDL | 0.024 | 0.236 |
| 0486 | 9/15/2003 | L29488-12 | 2,4-Dimethylphenol | | ug/L | <MDL | 0.024 | 0.236 |
| 0486 | 9/15/2003 | L29488-12 | 2,4-Dinitrophenol | | ug/L | <MDL | 0.24 | 2.36 |
| 0486 | 9/15/2003 | L29488-12 | 2,4-Dinitrotoluene | | ug/L | <MDL | 0.47 | 0.943 |
| 0486 | 9/15/2003 | L29488-12 | 2,6-Dinitrotoluene | | ug/L | <MDL | 0.47 | 0.943 |
| 0486 | 9/15/2003 | L29488-12 | 2-Chloronaphthalene | | ug/L | <MDL | 0.0094 | 0.0236 |
| 0486 | 9/15/2003 | L29488-12 | 2-Chlorophenol | | ug/L | <MDL | 0.0094 | 0.0236 |
| 0486 | 9/15/2003 | L29488-12 | 2-Methylnaphthalene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0486 | 9/15/2003 | L29488-12 | 2-Methylphenol | | ug/L | <MDL | 0.024 | 0.118 |
| 0486 | 9/15/2003 | L29488-12 | 2-Nitroaniline | | ug/L | <MDL | 0.47 | 0.943 |
| 0486 | 9/15/2003 | L29488-12 | 2-Nitrophenol | | ug/L | <MDL | 0.094 | 0.236 |
| 0486 | 9/15/2003 | L29488-12 | 3,3'-Dichlorobenzidine | | ug/L | <MDL | 0.047 | 0.0943 |
| 0486 | 9/15/2003 | L29488-12 | 3-Methylphenol | | ug/L | <MDL | 0.024 | 0.118 |
| 0486 | 9/15/2003 | L29488-12 | 3-Nitroaniline | | ug/L | <MDL | 0.12 | 0.472 |
| 0486 | 9/15/2003 | L29488-12 | 4,4'-DDD | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0486 | 9/15/2003 | L29488-12 | 4,4'-DDE | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0486 | 9/15/2003 | L29488-12 | 4,4'-DDT | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0486 | 9/15/2003 | L29488-12 | 4,6-Dinitro-O-Cresol | | ug/L | <MDL | 0.24 | 2.36 |
| 0486 | 9/15/2003 | L29488-12 | 4-Bromophenyl Phenyl Ether | | ug/L | <MDL | 0.047 | 0.0943 |
| 0486 | 9/15/2003 | L29488-12 | 4-Chloro-3-Methylphenol | | ug/L | <MDL | 0.24 | 0.943 |
| 0486 | 9/15/2003 | L29488-12 | 4-Chloroaniline | | ug/L | <MDL | 0.024 | 0.118 |
| 0486 | 9/15/2003 | L29488-12 | 4-Chlorophenyl Phenyl Ether | | ug/L | <MDL | 0.024 | 0.0472 |
| 0486 | 9/15/2003 | L29488-12 | 4-Methylphenol | | ug/L | <MDL | 0.024 | 0.118 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0486 | 9/15/2003 | L29488-12 | 4-Nitroaniline | | ug/L | <MDL | 0.47 | 0.943 |
| 0486 | 9/15/2003 | L29488-12 | 4-Nitrophenol | | ug/L | <MDL | 0.24 | 2.36 |
| 0486 | 9/15/2003 | L29488-12 | Acenaphthene | | ug/L | <MDL | 0.0047 | 0.00943 |
| 0486 | 9/15/2003 | L29488-12 | Acenaphthylene | | ug/L | <MDL | 0.047 | 0.0943 |
| 0486 | 9/15/2003 | L29488-12 | Aldrin | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0486 | 9/15/2003 | L29488-12 | Alpha-BHC | | ug/L | <MDL | 0.0012 | 0.00236 |
| 0486 | 9/15/2003 | L29488-12 | Alpha-Chlordane | | ug/L | <MDL | 0.0012 | 0.00236 |
| 0486 | 9/15/2003 | L29488-12 | Aluminum, Dissolved, ICP-MS | | mg/L | <MDL | 0.002 | 0.01 |
| 0486 | 9/15/2003 | L29488-12 | Aluminum, Total, ICP-MS | 0.0132 | mg/L | | 0.002 | 0.01 |
| 0486 | 9/15/2003 | L29488-12 | Ammonia Nitrogen | 0.011 | mg/L | <RDL | 0.01 | 0.02 |
| 0486 | 9/15/2003 | L29488-12 | Aniline | | ug/L | <MDL | 0.94 | 2.36 |
| 0486 | 9/15/2003 | L29488-12 | Anthracene | | ug/L | <MDL | 0.0094 | 0.0236 |
| 0486 | 9/15/2003 | L29488-12 | Antimony, Dissolved, ICP-MS | 0.000075 | mg/L | H | 0.00001 | 0.00005 |
| 0486 | 9/15/2003 | L29488-12 | Antimony, Total, ICP-MS | 7.39E-05 | mg/L | H | 0.00001 | 0.00005 |
| 0486 | 9/15/2003 | L29488-12 | Aroclor 1016 | | ug/L | <MDL | 0.012 | 0.0236 |
| 0486 | 9/15/2003 | L29488-12 | Aroclor 1221 | | ug/L | <MDL | 0.024 | 0.0472 |
| 0486 | 9/15/2003 | L29488-12 | Aroclor 1232 | | ug/L | <MDL | 0.024 | 0.0472 |
| 0486 | 9/15/2003 | L29488-12 | Aroclor 1242 | | ug/L | <MDL | 0.012 | 0.0236 |
| 0486 | 9/15/2003 | L29488-12 | Aroclor 1248 | | ug/L | <MDL | 0.012 | 0.0236 |
| 0486 | 9/15/2003 | L29488-12 | Aroclor 1254 | | ug/L | <MDL | 0.012 | 0.0236 |
| 0486 | 9/15/2003 | L29488-12 | Aroclor 1260 | | ug/L | <MDL | 0.012 | 0.0236 |
| 0486 | 9/15/2003 | L29488-12 | Arsenic, Dissolved, ICP-MS | 0.00101 | mg/L | H | 0.0001 | 0.0005 |
| 0486 | 9/15/2003 | L29488-12 | Arsenic, Total, ICP-MS | 0.00108 | mg/L | H | 0.0001 | 0.0005 |
| 0486 | 9/15/2003 | L29488-12 | Atrazine | | ug/L | <MDL | 0.47 | 0.943 |
| 0486 | 9/15/2003 | L29488-12 | Barium, Dissolved, ICP-MS | 0.00363 | mg/L | H | 0.000025 | 0.000125 |
| 0486 | 9/15/2003 | L29488-12 | Barium, Total, ICP-MS | 0.00387 | mg/L | H | 0.000025 | 0.000125 |
| 0486 | 9/15/2003 | L29488-12 | Benzidine | | ug/L | <MDL | 0.94 | 4.72 |
| 0486 | 9/15/2003 | L29488-12 | Benzo(a)anthracene | | ug/L | <MDL | 0.0047 | 0.00943 |
| 0486 | 9/15/2003 | L29488-12 | Benzo(a)pyrene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0486 | 9/15/2003 | L29488-12 | Benzo(b)fluoranthene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0486 | 9/15/2003 | L29488-12 | Benzo(g,h,i)perylene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0486 | 9/15/2003 | L29488-12 | Benzo(k)fluoranthene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0486 | 9/15/2003 | L29488-12 | Benzoic Acid | | ug/L | <MDL | 0.24 | 2.36 |
| 0486 | 9/15/2003 | L29488-12 | Benzyl Alcohol | | ug/L | <MDL | 0.047 | 0.236 |
| 0486 | 9/15/2003 | L29488-12 | Benzyl Butyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| 0486 | 9/15/2003 | L29488-12 | Beryllium, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.00005 | 0.00025 |
| 0486 | 9/15/2003 | L29488-12 | Beryllium, Total, ICP-MS | | mg/L | <MDL,H | 0.00005 | 0.00025 |
| 0486 | 9/15/2003 | L29488-12 | Beta-BHC | | ug/L | <MDL | 0.0012 | 0.00236 |
| 0486 | 9/15/2003 | L29488-12 | Bis(2-Chloroethoxy)Methane | | ug/L | <MDL | 0.024 | 0.0472 |
| 0486 | 9/15/2003 | L29488-12 | Bis(2-Chloroethyl)Ether | | ug/L | <MDL | 0.024 | 0.0472 |
| 0486 | 9/15/2003 | L29488-12 | Bis(2-Chloroisopropyl)Ether | | ug/L | <MDL | 0.0094 | 0.0236 |
| 0486 | 9/15/2003 | L29488-12 | Bis(2-ethylhexyl)adipate | | ug/L | <RDL,B | 2.2 | 0.472 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0486 | 9/15/2003 | L29488-12 | Bis(2-Ethylhexyl)Phthalate | | ug/L | B | 0.024 | 0.472 |
| 0486 | 9/15/2003 | L29488-12 | Bisphenol A | | ug/L | <MDL | 0.12 | 0.472 |
| 0486 | 9/15/2003 | L29488-12 | Cadmium, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.00001 | 0.00005 |
| 0486 | 9/15/2003 | L29488-12 | Cadmium, Total, ICP-MS | | mg/L | <MDL,H | 0.00001 | 0.00005 |
| 0486 | 9/15/2003 | L29488-12 | Caffeine | 0.024 | ug/L | <RDL | 0.024 | 0.0472 |
| 0486 | 9/15/2003 | L29488-12 | Calcium, Dissolved, ICP | 10.7 | mg/L | | 0.05 | 0.25 |
| 0486 | 9/15/2003 | L29488-12 | Calcium, Total, ICP | 10.8 | mg/L | | 0.05 | 0.25 |
| 0486 | 9/15/2003 | L29488-12 | Carbazole | | ug/L | <MDL | 0.0094 | 0.0236 |
| 0486 | 9/15/2003 | L29488-12 | Chlordecone (Kepone) | | ug/L | <MDL | 0.12 | 0.472 |
| 0486 | 9/15/2003 | L29488-12 | Chlorpyrifos | | ug/L | <MDL | 0.032 | 0.0472 |
| 0486 | 9/15/2003 | L29488-12 | Chromium, Dissolved, ICP-MS | 0.000092 | mg/L | <RDL,H | 0.00005 | 0.00025 |
| 0486 | 9/15/2003 | L29488-12 | Chromium, Total, ICP-MS | 0.00013 | mg/L | <RDL,H | 0.00005 | 0.00025 |
| 0486 | 9/15/2003 | L29488-12 | Chrysene | | ug/L | <MDL | 0.0094 | 0.0236 |
| 0486 | 9/15/2003 | L29488-12 | Cobalt, Dissolved, ICP-MS | 0.000026 | mg/L | <RDL,H | 0.00001 | 0.00005 |
| 0486 | 9/15/2003 | L29488-12 | Cobalt, Total, ICP-MS | 0.000033 | mg/L | <RDL,H | 0.00001 | 0.00005 |
| 0486 | 9/15/2003 | L29488-12 | Conductivity, Field | 118 | umhos/cm | | | |
| 0486 | 9/15/2003 | L29488-12 | Copper, Dissolved, ICP-MS | 0.000559 | mg/L | H | 0.0001 | 0.0005 |
| 0486 | 9/15/2003 | L29488-12 | Copper, Total, ICP-MS | 0.000645 | mg/L | H | 0.0001 | 0.0005 |
| 0486 | 9/15/2003 | L29488-12 | Coprostanol | | ug/L | <MDL | 1.2 | 9.43 |
| 0486 | 9/15/2003 | L29488-12 | Dalapon | | ug/L | <MDL | 0.047 | 0.16 |
| 0486 | 9/15/2003 | L29488-12 | Delta-BHC | | ug/L | <MDL | 0.0012 | 0.00236 |
| 0486 | 9/15/2003 | L29488-12 | Diazinon | | ug/L | <MDL | 0.047 | 0.236 |
| 0486 | 9/15/2003 | L29488-12 | Diazinon | | ug/L | <MDL | 0.041 | 0.0472 |
| 0486 | 9/15/2003 | L29488-12 | Dibenzo(a,h)anthracene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0486 | 9/15/2003 | L29488-12 | Dibenzofuran | | ug/L | <MDL | 0.0094 | 0.0236 |
| 0486 | 9/15/2003 | L29488-12 | Dicamba | | ug/L | <MDL | 0.039 | 0.12 |
| 0486 | 9/15/2003 | L29488-12 | Dichloroprop | | ug/L | <MDL | 0.023 | 0.08 |
| 0486 | 9/15/2003 | L29488-12 | Dieldrin | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0486 | 9/15/2003 | L29488-12 | Diethyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| 0486 | 9/15/2003 | L29488-12 | Dimethyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| 0486 | 9/15/2003 | L29488-12 | Di-N-Butyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| 0486 | 9/15/2003 | L29488-12 | Di-N-Octyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| 0486 | 9/15/2003 | L29488-12 | Dinoseb | | ug/L | <MDL | 0.03 | 0.08 |
| 0486 | 9/15/2003 | L29488-12 | Dissolved Oxygen, Field | 8.7 | mg/L | | | |
| 0486 | 9/15/2003 | L29488-12 | Disulfoton | | ug/L | <MDL | 0.025 | 0.0472 |
| 0486 | 9/15/2003 | L29488-12 | Endosulfan I | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0486 | 9/15/2003 | L29488-12 | Endosulfan II | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0486 | 9/15/2003 | L29488-12 | Endosulfan Sulfate | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0486 | 9/15/2003 | L29488-12 | Endrin | | ug/L | <MDL | 0.0024 | 0.00472 |
| 0486 | 9/15/2003 | L29488-12 | Endrin Aldehyde | | ug/L | <MDL | 0.0047 | 0.00943 |
| 0486 | 9/15/2003 | L29488-12 | Enterococcus | 33 | CFU/100ml | | | |
| 0486 | 9/15/2003 | L29488-12 | Escherichia coli | 50 | CFU/100ml | | | |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0486 | 9/15/2003 | L29488-12 | Estradiol | | ug/L | <MDL | 0.12 | 0.472 |
| 0486 | 9/15/2003 | L29488-12 | Estrone | | ug/L | <MDL | 0.12 | 0.472 |
| 0486 | 9/15/2003 | L29488-12 | Ethynyl estradiol | | ug/L | <MDL | 0.12 | 0.472 |
| 0486 | 9/15/2003 | L29488-12 | Fecal Coliform | 40 | CFU/100ml | | | |
| 0486 | 9/15/2003 | L29488-12 | Fluoranthene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0486 | 9/15/2003 | L29488-12 | Fluorene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0486 | 9/15/2003 | L29488-12 | Fluoride | 0.035 | mg/L | <RDL | 0.02 | 0.04 |
| 0486 | 9/15/2003 | L29488-12 | Gamma-BHC (Lindane) | | ug/L | <MDL | 0.0012 | 0.00236 |
| 0486 | 9/15/2003 | L29488-12 | Gamma-Chlordane | | ug/L | <MDL | 0.0012 | 0.00236 |
| 0486 | 9/15/2003 | L29488-12 | Hardness, Calc | 45.6 | mg CaCO3/L | | 0.2 | 1.25 |
| 0486 | 9/15/2003 | L29488-12 | Heptachlor | | ug/L | <MDL | 0.0012 | 0.00236 |
| 0486 | 9/15/2003 | L29488-12 | Heptachlor Epoxide | | ug/L | <MDL | 0.0012 | 0.00236 |
| 0486 | 9/15/2003 | L29488-12 | Hexachlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0486 | 9/15/2003 | L29488-12 | Hexachlorobutadiene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0486 | 9/15/2003 | L29488-12 | Hexachlorocyclopentadiene | | ug/L | <MDL | 0.94 | 2.36 |
| 0486 | 9/15/2003 | L29488-12 | Hexachloroethane | | ug/L | <MDL | 0.024 | 0.0472 |
| 0486 | 9/15/2003 | L29488-12 | Indeno(1,2,3-Cd)Pyrene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0486 | 9/15/2003 | L29488-12 | Iron, Dissolved, ICP | 0.13 | mg/L | <RDL | 0.05 | 0.25 |
| 0486 | 9/15/2003 | L29488-12 | Iron, Total, ICP | 0.23 | mg/L | <RDL | 0.05 | 0.25 |
| 0486 | 9/15/2003 | L29488-12 | Isophorone | | ug/L | <MDL | 0.24 | 0.0472 |
| 0486 | 9/15/2003 | L29488-12 | Lead, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.000025 | 0.000125 |
| 0486 | 9/15/2003 | L29488-12 | Lead, Total, ICP-MS | 0.000042 | mg/L | <RDL,H | 0.000025 | 0.000125 |
| 0486 | 9/15/2003 | L29488-12 | Magnesium, Dissolved, ICP | 4.37 | mg/L | | 0.03 | 0.15 |
| 0486 | 9/15/2003 | L29488-12 | Magnesium, Total, ICP | 4.5 | mg/L | | 0.03 | 0.15 |
| 0486 | 9/15/2003 | L29488-12 | Malathion | | ug/L | <MDL | 0.045 | 0.0472 |
| 0486 | 9/15/2003 | L29488-12 | MCPA | | ug/L | <MDL | 0.038 | 0.12 |
| 0486 | 9/15/2003 | L29488-12 | MCPP | | ug/L | <MDL | 0.016 | 0.08 |
| 0486 | 9/15/2003 | L29488-12 | Mercury, Dissolved, CVAF | 3.1E-07 | mg/L | <RDL | 0.0000002 | 5E-07 |
| 0486 | 9/15/2003 | L29488-12 | Mercury, Total, CVAF | 4.7E-07 | mg/L | <RDL | 0.0000002 | 5E-07 |
| 0486 | 9/15/2003 | L29488-12 | Methoxychlor | | ug/L | <MDL | 0.012 | 0.0236 |
| 0486 | 9/15/2003 | L29488-12 | Methyltestosterone | | ug/L | <MDL | 0.12 | 0.472 |
| 0486 | 9/15/2003 | L29488-12 | Molybdenum, Dissolved, ICP-MS | 0.000245 | mg/L | H | 0.00001 | 0.00005 |
| 0486 | 9/15/2003 | L29488-12 | Molybdenum, Total, ICP-MS | 0.00025 | mg/L | H | 0.00001 | 0.00005 |
| 0486 | 9/15/2003 | L29488-12 | Naphthalene | | ug/L | <MDL | 0.012 | 0.0236 |
| 0486 | 9/15/2003 | L29488-12 | Nickel, Dissolved, ICP-MS | 0.000457 | mg/L | H | 0.00005 | 0.00025 |
| 0486 | 9/15/2003 | L29488-12 | Nickel, Total, ICP-MS | 0.000418 | mg/L | H | 0.00005 | 0.00025 |
| 0486 | 9/15/2003 | L29488-12 | Nitrate Nitrogen | | mg/L | <MDL | 0.02 | 0.04 |
| 0486 | 9/15/2003 | L29488-12 | Nitrite + Nitrate Nitrogen | | mg/L | <MDL | 0.02 | 0.04 |
| 0486 | 9/15/2003 | L29488-12 | Nitrobenzene | | ug/L | <MDL | 0.047 | 0.0943 |
| 0486 | 9/15/2003 | L29488-12 | N-Nitrosodimethylamine | | ug/L | <MDL | 0.047 | 0.118 |
| 0486 | 9/15/2003 | L29488-12 | N-Nitrosodi-N-Propylamine | | ug/L | <MDL | 0.047 | 0.0943 |
| 0486 | 9/15/2003 | L29488-12 | N-Nitrosodiphenylamine | | ug/L | <MDL | 0.024 | 0.0472 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| 0486 | 9/15/2003 | L29488-12 | Ortho Phosphorus | 0.0036 | mg/L | <RDL | 0.002 | 0.005 |
| 0486 | 9/15/2003 | L29488-12 | Parathion-Ethyl | | ug/L | <MDL | 0.042 | 0.0472 |
| 0486 | 9/15/2003 | L29488-12 | Parathion-Methyl | | ug/L | <MDL | 0.034 | 0.0472 |
| 0486 | 9/15/2003 | L29488-12 | Pentachlorophenol | | ug/L | <MDL | 0.47 | 4.72 |
| 0486 | 9/15/2003 | L29488-12 | pH, Field | 7.6 | pH | | | |
| 0486 | 9/15/2003 | L29488-12 | Phenanthrene | | ug/L | <MDL | 0.0094 | 0.0236 |
| 0486 | 9/15/2003 | L29488-12 | Phenol | | ug/L | <MDL | 0.047 | 0.0943 |
| 0486 | 9/15/2003 | L29488-12 | Phorate | | ug/L | <MDL | 0.031 | 0.0472 |
| 0486 | 9/15/2003 | L29488-12 | Progesterone | | ug/L | <MDL | 0.12 | 0.472 |
| 0486 | 9/15/2003 | L29488-12 | Pyrene | | ug/L | <MDL | 0.0094 | 0.0236 |
| 0486 | 9/15/2003 | L29488-12 | Pyridine | | ug/L | <MDL | 0.94 | 2.36 |
| 0486 | 9/15/2003 | L29488-12 | Sample Start Time | 1442 | hr | | | |
| 0486 | 9/15/2003 | L29488-12 | Sample Temperature, Field | 19.1 | deg C | | | |
| 0486 | 9/15/2003 | L29488-12 | Selenium, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.0005 | 0.0025 |
| 0486 | 9/15/2003 | L29488-12 | Selenium, Total, ICP-MS | | mg/L | <MDL,H | 0.0005 | 0.0025 |
| 0486 | 9/15/2003 | L29488-12 | Silver, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.000025 | 0.000125 |
| 0486 | 9/15/2003 | L29488-12 | Silver, Total, ICP-MS | | mg/L | <MDL,H | 0.000025 | 0.000125 |
| 0486 | 9/15/2003 | L29488-12 | Simazine | | ug/L | <MDL | 0.47 | 0.943 |
| 0486 | 9/15/2003 | L29488-12 | Testosterone | | ug/L | <MDL | 0.12 | 0.472 |
| 0486 | 9/15/2003 | L29488-12 | Thallium, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.00001 | 0.00005 |
| 0486 | 9/15/2003 | L29488-12 | Thallium, Total, ICP-MS | | mg/L | <MDL,H | 0.00001 | 0.00005 |
| 0486 | 9/15/2003 | L29488-12 | Total 4-Nonylphenol | | ug/L | <MDL | 0.12 | 0.472 |
| 0486 | 9/15/2003 | L29488-12 | Total Suspended Solids | 1.4 | mg/L | | 0.5 | 1 |
| 0486 | 9/15/2003 | L29488-12 | Toxaphene | | ug/L | <MDL | 0.024 | 0.0472 |
| 0486 | 9/15/2003 | L29488-12 | Vanadium, Dissolved, ICP-MS | 0.000428 | mg/L | H | 0.000025 | 0.000125 |
| 0486 | 9/15/2003 | L29488-12 | Vanadium, Total, ICP-MS | 0.000514 | mg/L | H | 0.000025 | 0.000125 |
| 0486 | 9/15/2003 | L29488-12 | Vinclozolin | | ug/L | <MDL | 0.12 | 0.472 |
| 0486 | 9/15/2003 | L29488-12 | Zinc, Dissolved, ICP-MS | 0.00148 | mg/L | H | 0.00015 | 0.00075 |
| 0486 | 9/15/2003 | L29488-12 | Zinc, Total, ICP-MS | 0.00045 | mg/L | <RDL,H | 0.00015 | 0.00075 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | 1,2,4-Trichlorobenzene | | ug/L | <MDL,G | 0.005 | 0.00994 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | 1,2-Dichlorobenzene | | ug/L | <MDL,G | 0.005 | 0.00994 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | 1,2-Diphenylhydrazine | | ug/L | <MDL | 0.19 | 0.375 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | 1,3-Dichlorobenzene | | ug/L | <MDL,G | 0.005 | 0.00994 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | 1,4-Dichlorobenzene | | ug/L | <MDL,G | 0.0025 | 0.00495 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | 2,4,5-T | | ug/L | <MDL,H | 0.057 | 0.16 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | 2,4,5-TP (Silvex) | | ug/L | <MDL,H | 0.023 | 0.08 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | 2,4,5-Trichlorophenol | | ug/L | <MDL | 0.23 | 0.45 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | 2,4,6-Trichlorophenol | | ug/L | <MDL | 0.24 | 0.488 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | 2,4-D | 0.08 | ug/L | RDL,H | 0.03 | 0.08 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | 2,4-DB | | ug/L | <MDL,H | 0.058 | 0.16 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | 2,4-Dichlorophenol | | ug/L | <MDL | 0.3 | 0.6 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | 2,4-Dimethylphenol | | ug/L | <MDL,G | 0.13 | 0.263 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | 2,4-Dinitrophenol | | ug/L | <MDL | 0.25 | 0.5 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | 2,4-Dinitrotoluene | | ug/L | <MDL | 0.056 | 0.113 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | 2,6-Dinitrotoluene | | ug/L | <MDL | 0.19 | 0.375 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | 2-Chloronaphthalene | | ug/L | <MDL,G | 0.3 | 0.6 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | 2-Chlorophenol | | ug/L | <MDL | 0.15 | 0.3 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | 2-Methylnaphthalene | | ug/L | <MDL,G | 0.26 | 0.525 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | 2-Methylphenol | | ug/L | <MDL | 0.36 | 0.713 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | 2-Nitroaniline | | ug/L | <MDL | 0.13 | 0.25 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | 2-Nitrophenol | | ug/L | <MDL | 0.28 | 0.563 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | 3,3'-Dichlorobenzidine | | ug/L | <MDL | 0.05 | 0.1 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | 3-Methylphenol | | ug/L | <MDL,G | 0.05 | 0.1 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | 3-Nitroaniline | | ug/L | <MDL | 0.13 | 0.25 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | 4,4'-DDD | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | 4,4'-DDE | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | 4,4'-DDT | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | 4,6-Dinitro-O-Cresol | | ug/L | <MDL | 0.25 | 0.5 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | 4-Bromophenyl Phenyl Ether | | ug/L | <MDL | 0.17 | 0.338 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | 4-Chloro-3-Methylphenol | | ug/L | <MDL | 0.05 | 0.1 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | 4-Chloroaniline | | ug/L | <MDL,G | 0.05 | 0.1 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | 4-Chlorophenyl Phenyl Ether | | ug/L | <MDL,G | 0.24 | 0.488 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | 4-Methylphenol | | ug/L | <MDL | 0.3 | 0.6 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | 4-Nitroaniline | | ug/L | <MDL | 0.25 | 0.5 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | 4-Nitrophenol | | ug/L | <MDL | 0.25 | 0.5 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Acenaphthene | | ug/L | <MDL,G | 0.13 | 0.263 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Acenaphthylene | | ug/L | <MDL,G | 0.28 | 0.563 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Aldrin | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Alpha-BHC | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Aluminum, Dissolved, ICP-MS | 0.009 | mg/L | <RDL | 0.002 | 0.01 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Aluminum, Total, ICP-MS | 0.104 | mg/L | | 0.002 | 0.01 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Ammonia Nitrogen | 0.012 | mg/L | <RDL | 0.01 | 0.02 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Aniline | | ug/L | <MDL,G | 0.36 | 0.713 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Anthracene | | ug/L | <MDL | 0.075 | 0.15 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Antimony, Dissolved, ICP-MS | 6.26E-05 | mg/L | | 0.00001 | 0.00005 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Antimony, Total, ICP-MS | 0.00006 | mg/L | | 0.00001 | 0.00005 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Aroclor 1016 | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Aroclor 1221 | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Aroclor 1232 | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Aroclor 1242 | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Aroclor 1248 | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Aroclor 1254 | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Aroclor 1260 | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Arsenic, Dissolved, ICP-MS | 0.00158 | mg/L | | 0.0001 | 0.0005 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Arsenic, Total, ICP-MS | 0.00175 | mg/L | | 0.0001 | 0.0005 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Barium, Dissolved, ICP-MS | 0.00599 | mg/L | | 0.000025 | 0.000125 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Barium, Total, ICP-MS | 0.00719 | mg/L | | 0.0002 | 0.001 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Benzo(a)anthracene | | ug/L | <MDL | 0.038 | 0.075 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Benzo(a)pyrene | | ug/L | <MDL | 0.056 | 0.113 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Benzo(b)fluoranthene | | ug/L | <MDL | 0.056 | 0.113 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Benzo(g,h,i)perylene | | ug/L | <MDL | 0.15 | 0.3 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Benzo(k)fluoranthene | | ug/L | <MDL | 0.056 | 0.113 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Benzoic Acid | 1.72 | ug/L | G | 0.11 | 0.225 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Benzyl Alcohol | | ug/L | <MDL | 0.11 | 0.225 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Benzyl Butyl Phthalate | | ug/L | <MDL | 0.11 | 0.225 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Beryllium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Beryllium, Total, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Beta-BHC | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Bis(2-Chloroethoxy)Methane | | ug/L | <MDL | 0.32 | 0.638 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Bis(2-Chloroethyl)Ether | | ug/L | <MDL | 0.28 | 0.563 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Bis(2-Chloroisopropyl)Ether | | ug/L | <MDL | 0.28 | 0.563 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Bis(2-Ethylhexyl)Phthalate | | ug/L | B,L | 7.05 | 0.263 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Cadmium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Cadmium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Caffeine | | ug/L | <MDL | 0.11 | 0.225 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Calcium, Dissolved, ICP | 11.6 | mg/L | | 0.05 | 0.25 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Calcium, Total, ICP | 11.8 | mg/L | | 0.05 | 0.25 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Carbazole | | ug/L | <MDL | 0.13 | 0.263 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Chlordane | | ug/L | <MDL | 0.013 | 0.025 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Chlorpyrifos | | ug/L | <MDL | 0.034 | 0.05 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Chromium, Dissolved, ICP-MS | 0.000302 | mg/L | | 0.00005 | 0.00025 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Chromium, Total, ICP-MS | 0.00049 | mg/L | | 0.00005 | 0.00025 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Chrysene | | ug/L | <MDL | 0.075 | 0.15 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Cobalt, Dissolved, ICP-MS | 5.31E-05 | mg/L | | 0.00001 | 0.00005 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Cobalt, Total, ICP-MS | 0.000095 | mg/L | | 0.00001 | 0.00005 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Copper, Dissolved, ICP-MS | 0.00041 | mg/L | <RDL | 0.0001 | 0.0005 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Copper, Total, ICP-MS | 0.000533 | mg/L | | 0.0001 | 0.0005 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Coprostanol | | ug/L | <MDL,G | 0.26 | 0.525 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Dalapon | | ug/L | <MDL,H | 0.012 | 0.08 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Delta-BHC | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Diazinon | | ug/L | <MDL | 0.043 | 0.05 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Dibenzo(a,h)anthracene | | ug/L | <MDL | 0.13 | 0.263 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Dibenzofuran | | ug/L | <MDL,G | 0.26 | 0.525 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Dicamba | | ug/L | <MDL,H | 0.022 | 0.08 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Dichloroprop | | ug/L | <MDL,H | 0.011 | 0.08 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Dieldrin | | ug/L | <MDL | 0.0025 | 0.005 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Diethyl Phthalate | | ug/L | <MDL | 0.11 | 0.225 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Dimethyl Phthalate | | ug/L | <MDL | 0.21 | 0.413 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Di-N-Butyl Phthalate | | ug/L | B,L | 1.2 | 0.188 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Di-N-Octyl Phthalate | | ug/L | <MDL | 0.15 | 0.3 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Dinoseb | | ug/L | <MDL,H | 0.029 | 0.08 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Disulfoton | | ug/L | <MDL | 0.027 | 0.05 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Endosulfan I | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Endosulfan II | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Endosulfan Sulfate | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Endrin | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Endrin Aldehyde | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Enterococcus | 66 | CFU/100ml | | | |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Escherichia coli | 150 | CFU/100ml | | | |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Fecal Coliform | 150 | CFU/100ml | | | |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Fluoranthene | | ug/L | <MDL | 0.15 | 0.3 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Fluorene | | ug/L | <MDL | 0.24 | 0.488 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Fluoride | | mg/L | <MDL | 0.05 | 0.1 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Gamma-BHC (Lindane) | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Hardness, Calc | 58.1 | mg CaCO3/L | | 0.2 | 1.25 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Heptachlor | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Heptachlor Epoxide | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Hexachlorobenzene | | ug/L | <MDL | 0.012 | 0.0249 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Hexachlorobutadiene | | ug/L | <MDL,G | 0.014 | 0.0281 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Hexachlorocyclopentadiene | | ug/L | <MDL,G | 0.13 | 0.25 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Hexachloroethane | | ug/L | <MDL,G | 0.28 | 0.563 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Indeno(1,2,3-Cd)Pyrene | | ug/L | <MDL | 0.17 | 0.338 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Iron, Dissolved, ICP | 0.16 | mg/L | <RDL | 0.05 | 0.25 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Iron, Total, ICP | 0.36 | mg/L | | 0.05 | 0.25 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Isophorone | | ug/L | <MDL | 0.36 | 0.713 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Lead, Dissolved, ICP-MS | 0.000041 | mg/L | <RDL | 0.000025 | 0.000125 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Lead, Total, ICP-MS | 0.00012 | mg/L | <RDL | 0.000025 | 0.000125 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Magnesium, Dissolved, ICP | 6.83 | mg/L | | 0.03 | 0.15 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Magnesium, Total, ICP | 6.96 | mg/L | | 0.03 | 0.15 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Malathion | | ug/L | <MDL | 0.048 | 0.05 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | MCPA | | ug/L | <MDL,H | 0.011 | 0.08 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | MCPP | | ug/L | <MDL,H | 0.013 | 0.08 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Mercury, Dissolved, CVAF | 9.61E-07 | mg/L | | 0.0000001 | 5E-07 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Mercury, Total, CVAF | 1.49E-06 | mg/L | | 0.0000001 | 5E-07 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Methoxychlor | | ug/L | <MDL | 0.013 | 0.025 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Molybdenum, Dissolved, ICP-MS | 0.00024 | mg/L | | 0.00001 | 0.00005 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Molybdenum, Total, ICP-MS | 0.000228 | mg/L | | 0.00001 | 0.00005 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Naphthalene | | ug/L | <MDL,G | 0.26 | 0.525 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Nickel, Dissolved, ICP-MS | 0.000535 | mg/L | | 0.00005 | 0.00025 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Nickel, Total, ICP-MS | 0.000686 | mg/L | | 0.00005 | 0.00025 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Nitrate Nitrogen | 0.309 | mg/L | | 0.02 | 0.04 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Nitrite + Nitrate Nitrogen | 0.309 | mg/L | | 0.02 | 0.04 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Nitrobenzene | | ug/L | <MDL,G | 0.3 | 0.6 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | N-Nitrosodimethylamine | | ug/L | <MDL | 0.38 | 0.75 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | N-Nitrosodi-N-Propylamine | | ug/L | <MDL | 0.17 | 0.338 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | N-Nitrosodiphenylamine | | ug/L | <MDL | 0.38 | 0.75 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Ortho Phosphorus | 0.02 | mg/L | | 0.002 | 0.005 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Parathion-Ethyl | | ug/L | <MDL | 0.045 | 0.05 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Parathion-Methyl | | ug/L | <MDL | 0.036 | 0.05 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Pentachlorophenol | | ug/L | <MDL | 0.094 | 0.188 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Phenanthrene | | ug/L | <MDL | 0.075 | 0.15 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Phenol | | ug/L | <MDL | 0.17 | 0.338 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Phorate | | ug/L | <MDL | 0.033 | 0.05 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Pyrene | | ug/L | <MDL | 0.075 | 0.15 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Pyridine | | ug/L | <MDL,G | 0.5 | 1 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Sample Start Time | | hr | | | |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Selenium, Dissolved, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Selenium, Total, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Silver, Dissolved, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Silver, Total, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Thallium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Thallium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Total Suspended Solids | 3.2 | mg/L | | 0.5 | 1 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Toxaphene | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Vanadium, Dissolved, ICP-MS | 0.000968 | mg/L | | 0.000025 | 0.000125 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Vanadium, Total, ICP-MS | 0.00124 | mg/L | | 0.000025 | 0.000125 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Zinc, Dissolved, ICP-MS | | mg/L | B | 0.00255 | 0.00075 |
| SAMM_BEAR_MOUTH | 9/4/2001 | L21953-11 | Zinc, Total, ICP-MS | 0.000835 | mg/L | | 0.00015 | 0.00075 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | 1,2,4-Trichlorobenzene | | ug/L | <MDL | 0.026 | 0.0529 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | 1,2-Dichlorobenzene | | ug/L | <MDL | 0.0053 | 0.0106 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | 1,2-Diphenylhydrazine | | ug/L | <MDL | 0.053 | 0.106 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | 1,3-Dichlorobenzene | | ug/L | <MDL | 0.0053 | 0.0106 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | 1,4-Dichlorobenzene | | ug/L | <MDL | 0.0053 | 0.0106 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | 2,4,5-T | | ug/L | <MDL | 0.048 | 0.16 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | 2,4,5-TP (Silvex) | | ug/L | <MDL | 0.016 | 0.08 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | 2,4,5-Trichlorophenol | | ug/L | <MDL | 0.053 | 0.265 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | 2,4,6-Trichlorophenol | | ug/L | <MDL | 0.053 | 0.265 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | 2,4-D | | ug/L | <MDL | 0.038 | 0.12 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | 2,4-DB | | ug/L | <MDL | 0.043 | 0.12 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | 2,4-Dichlorophenol | | ug/L | <MDL | 0.026 | 0.265 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | 2,4-Dimethylphenol | | ug/L | <MDL | 0.026 | 0.265 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | 2,4-Dinitrophenol | | ug/L | <MDL | 0.26 | 2.65 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | 2,4-Dinitrotoluene | | ug/L | <MDL | 0.53 | 1.06 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | 2,6-Dinitrotoluene | | ug/L | <MDL | 0.53 | 1.06 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | 2-Chloronaphthalene | | ug/L | <MDL | 0.011 | 0.0265 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | 2-Chlorophenol | | ug/L | <MDL | 0.011 | 0.0265 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | 2-Methylnaphthalene | | ug/L | <MDL | 0.026 | 0.0529 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | 2-Methylphenol | | ug/L | <MDL | 0.026 | 0.132 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | 2-Nitroaniline | | ug/L | <MDL | 0.53 | 1.06 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | 2-Nitrophenol | | ug/L | <MDL | 0.053 | 0.265 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | 3,3'-Dichlorobenzidine | | ug/L | <MDL | 0.053 | 0.106 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | 3-Methylphenol | | ug/L | <MDL | 0.026 | 0.132 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | 3-Nitroaniline | | ug/L | <MDL | 0.13 | 0.529 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | 4,4'-DDD | | ug/L | <MDL | 0.0012 | 0.00246 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | 4,4'-DDE | | ug/L | <MDL | 0.0012 | 0.00246 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | 4,4'-DDT | | ug/L | <MDL | 0.0012 | 0.00246 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | 4,6-Dinitro-O-Cresol | | ug/L | <MDL | 0.26 | 2.65 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | 4-Bromophenyl Phenyl Ether | | ug/L | <MDL | 0.053 | 0.106 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | 4-Chloro-3-Methylphenol | | ug/L | <MDL | 0.053 | 0.265 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | 4-Chloroaniline | | ug/L | <MDL | 0.026 | 0.132 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | 4-Chlorophenyl Phenyl Ether | | ug/L | <MDL | 0.026 | 0.0529 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | 4-Methylphenol | | ug/L | <MDL | 0.026 | 0.132 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | 4-Nitroaniline | | ug/L | <MDL | 0.53 | 1.06 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | 4-Nitrophenol | | ug/L | <MDL | 0.26 | 2.65 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Acenaphthene | | ug/L | <MDL | 0.0053 | 0.0106 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Acenaphthylene | | ug/L | <MDL | 0.053 | 0.106 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Aldrin | | ug/L | <MDL | 0.0012 | 0.00246 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Alpha-BHC | | ug/L | <MDL | 0.00062 | 0.00123 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Alpha-Chlordane | | ug/L | <MDL | 0.00062 | 0.00123 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Aluminum, Dissolved, ICP-MS | 0.0081 | mg/L | <RDL | 0.002 | 0.01 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Aluminum, Total, ICP-MS | 0.205 | mg/L | | 0.002 | 0.01 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Ammonia Nitrogen | 0.153 | mg/L | | 0.01 | 0.02 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Aniline | | ug/L | <MDL | 0.053 | 0.106 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Anthracene | | ug/L | <MDL | 0.011 | 0.0265 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Antimony, Dissolved, ICP-MS | 0.000068 | mg/L | | 0.00001 | 0.00005 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Antimony, Total, ICP-MS | 0.000071 | mg/L | | 0.00001 | 0.00005 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Aroclor 1016 | | ug/L | <MDL | 0.0062 | 0.0123 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Aroclor 1221 | | ug/L | <MDL | 0.012 | 0.0246 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Aroclor 1232 | | ug/L | <MDL | 0.012 | 0.0246 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Aroclor 1242 | | ug/L | <MDL | 0.0062 | 0.0123 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Aroclor 1248 | | ug/L | <MDL | 0.0062 | 0.0123 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Aroclor 1254 | | ug/L | <MDL | 0.0062 | 0.0123 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Aroclor 1260 | | ug/L | <MDL | 0.0062 | 0.0123 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Arsenic, Dissolved, ICP-MS | 0.00122 | mg/L | | 0.0001 | 0.0005 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Arsenic, Total, ICP-MS | 0.00145 | mg/L | | 0.0001 | 0.0005 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Atrazine | | ug/L | <MDL | 0.053 | 0.265 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Barium, Dissolved, ICP-MS | 0.00694 | mg/L | | 0.0002 | 0.001 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Barium, Total, ICP-MS | 0.00883 | mg/L | | 0.0002 | 0.001 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Benzidine | | ug/L | <MDL | 0.53 | 5.29 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Benzo(a)anthracene | | ug/L | <MDL | 0.0053 | 0.0106 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Benzo(a)pyrene | | ug/L | <MDL | 0.026 | 0.0529 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Benzo(b)fluoranthene | | ug/L | <MDL | 0.026 | 0.0529 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Benzo(g,h,i)perylene | | ug/L | <MDL | 0.026 | 0.0529 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Benzo(k)fluoranthene | | ug/L | <MDL | 0.026 | 0.0529 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Benzoic Acid | | ug/L | <MDL | 0.26 | 2.65 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Benzyl Alcohol | | ug/L | <MDL | 0.053 | 0.265 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Benzyl Butyl Phthalate | | ug/L | <RDL,B | 1.55 | 0.529 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Beryllium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Beryllium, Total, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Beta-BHC | | ug/L | <MDL | 0.00062 | 0.00123 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Bis(2-Chloroethoxy)Methane | | ug/L | <MDL | 0.026 | 0.0529 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Bis(2-Chloroethyl)Ether | | ug/L | <MDL | 0.026 | 0.0529 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Bis(2-Chloroisopropyl)Ether | | ug/L | <MDL | 0.011 | 0.0265 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Bis(2-ethylhexyl)adipate | | ug/L | <RDL,B | 1.05 | 0.529 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Bis(2-Ethylhexyl)Phthalate | | ug/L | B | 2.25 | 0.0529 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Bisphenol A | | ug/L | <MDL | 0.13 | 0.529 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Cadmium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Cadmium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Caffeine | | ug/L | <MDL | 0.026 | 0.0529 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Calcium, Dissolved, ICP | 11.4 | mg/L | | 0.05 | 0.25 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Calcium, Total, ICP | 11.3 | mg/L | | 0.05 | 0.25 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Carbazole | | ug/L | <MDL | 0.011 | 0.0265 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Chlordecone (Kepone) | | ug/L | <MDL | 0.13 | 0.529 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Chlorpyrifos | | ug/L | <MDL | 0.032 | 0.0472 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Chromium, Dissolved, ICP-MS | 0.00021 | mg/L | <RDL | 0.00005 | 0.00025 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Chromium, Total, ICP-MS | 0.000675 | mg/L | | 0.00005 | 0.00025 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Chrysene | | ug/L | <MDL | 0.011 | 0.0265 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Cobalt, Dissolved, ICP-MS | 0.000041 | mg/L | <RDL | 0.00001 | 0.00005 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Conductivity, Field | 138 | umhos/cm | | | |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Copper, Dissolved, ICP-MS | 0.00046 | mg/L | <RDL | 0.0001 | 0.0005 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Copper, Total, ICP-MS | 0.000678 | mg/L | | 0.0001 | 0.0005 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Coprostanol | | ug/L | <MDL | 1.3 | 10.6 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Dalapon | | ug/L | <MDL | 0.047 | 0.16 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Delta-BHC | | ug/L | <MDL | 0.00062 | 0.00123 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Diazinon | | ug/L | <MDL | 0.041 | 0.0472 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Diazinon | | ug/L | <MDL | 0.053 | 0.265 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Dibenzo(a,h)anthracene | | ug/L | <MDL | 0.026 | 0.0529 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Dibenzofuran | | ug/L | <MDL | 0.011 | 0.0265 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Dicamba | | ug/L | <MDL | 0.039 | 0.12 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Dichloroprop | | ug/L | <MDL | 0.016 | 0.08 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Dieldrin | | ug/L | <MDL | 0.0012 | 0.00246 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Diethyl Phthalate | 0.131 | ug/L | | 0.026 | 0.106 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Dimethyl Phthalate | | ug/L | <MDL | 0.026 | 0.0529 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Di-N-Butyl Phthalate | | ug/L | B | 1.15 | 0.265 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Di-N-Octyl Phthalate | | ug/L | <MDL | 0.026 | 0.0529 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Dinoseb | | ug/L | <MDL | 0.046 | 0.16 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Dissolved Oxygen, Field | 9.1 | mg/L | | | |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Disulfoton | | ug/L | <MDL | 0.025 | 0.0472 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Endosulfan I | | ug/L | <MDL | 0.0012 | 0.00246 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Endosulfan II | | ug/L | <MDL | 0.0012 | 0.00246 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Endosulfan Sulfate | | ug/L | <MDL | 0.0012 | 0.00246 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Endrin | | ug/L | <MDL | 0.0012 | 0.00246 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Endrin Aldehyde | | ug/L | <MDL | 0.0025 | 0.00493 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Enterococcus | 45 | CFU/100ml | | | |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Escherichia coli | 50 | CFU/100ml | | | |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Estradiol | | ug/L | <MDL | 0.13 | 0.529 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Estrone | | ug/L | <MDL | 0.13 | 0.529 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Ethynyl estradiol | | ug/L | <MDL | 0.13 | 0.529 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Fecal Coliform | 140 | CFU/100ml | | | |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Fluoranthene | | ug/L | <MDL | 0.026 | 0.0529 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Fluorene | | ug/L | <MDL | 0.026 | 0.0529 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Fluoride | 0.0471 | mg/L | | 0.02 | 0.04 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Gamma-BHC (Lindane) | | ug/L | <MDL | 0.00062 | 0.00123 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Gamma-Chlordane | | ug/L | <MDL | 0.00062 | 0.00123 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Hardness, Calc | 55.1 | mg CaCO3/L | | 0.2 | 1.25 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Heptachlor | | ug/L | <MDL | 0.00062 | 0.00123 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Heptachlor Epoxide | | ug/L | <MDL | 0.00062 | 0.00123 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Hexachlorobenzene | | ug/L | <MDL | 0.026 | 0.0529 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Hexachlorobutadiene | | ug/L | <MDL | 0.026 | 0.0529 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Hexachlorocyclopentadiene | | ug/L | <MDL | 0.053 | 0.529 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Hexachloroethane | | ug/L | <MDL | 0.026 | 0.0529 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Indeno(1,2,3-Cd)Pyrene | | ug/L | <MDL | 0.026 | 0.0529 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Iron, Dissolved, ICP | 0.12 | mg/L | <RDL | 0.05 | 0.25 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Iron, Total, ICP | 0.382 | mg/L | | 0.05 | 0.25 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Isophorone | | ug/L | <MDL | 0.26 | 0.0529 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Lead, Dissolved, ICP-MS | 0.000027 | mg/L | <RDL | 0.000025 | 0.000125 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Lead, Total, ICP-MS | 0.00022 | mg/L | | 0.000025 | 0.000125 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Magnesium, Dissolved, ICP | 6.38 | mg/L | | 0.03 | 0.15 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Magnesium, Total, ICP | 6.52 | mg/L | | 0.03 | 0.15 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Malathion | | ug/L | <MDL | 0.045 | 0.0472 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | MCPA | | ug/L | <MDL | 0.022 | 0.08 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | MCPP | | ug/L | <MDL | 0.03 | 0.08 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Mercury, Dissolved, CVAF | 6.61E-07 | mg/L | | 0.0000001 | 5E-07 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Mercury, Total, CVAF | 1.46E-06 | mg/L | | 0.0000001 | 5E-07 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Methoxychlor | | ug/L | <MDL | 0.0062 | 0.0123 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Methyltestosterone | | ug/L | <MDL | 0.13 | 0.529 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Molybdenum, Dissolved, ICP-MS | 0.000216 | mg/L | | 0.00001 | 0.00005 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Molybdenum, Total, ICP-MS | 0.000225 | mg/L | | 0.00001 | 0.00005 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Naphthalene | | ug/L | <MDL | 0.011 | 0.0265 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Nickel, Dissolved, ICP-MS | 0.000515 | mg/L | | 0.00005 | 0.00025 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Nickel, Total, ICP-MS | 0.000853 | mg/L | | 0.00005 | 0.00025 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Nitrate Nitrogen | 0.383 | mg/L | | 0.02 | 0.04 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Nitrite + Nitrate Nitrogen | 0.414 | mg/L | | 0.02 | 0.04 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Nitrobenzene | | ug/L | <MDL | 0.053 | 0.106 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | N-Nitrosodimethylamine | | ug/L | <MDL | 0.053 | 0.132 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | N-Nitrosodi-N-Propylamine | | ug/L | <MDL | 0.053 | 0.106 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | N-Nitrosodiphenylamine | | ug/L | <MDL | 0.026 | 0.0529 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Ortho Phosphorus | 0.0245 | mg/L | | 0.002 | 0.005 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Parathion-Ethyl | | ug/L | <MDL | 0.042 | 0.0472 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Parathion-Methyl | | ug/L | <MDL | 0.034 | 0.0472 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Pentachlorophenol | | ug/L | <MDL | 0.13 | 1.06 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | pH, Field | 6.9 | pH | | | |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Phenanthrene | | ug/L | <MDL | 0.011 | 0.0265 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Phenol | | ug/L | B | 0.09 | 0.0106 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Phorate | | ug/L | <MDL | 0.031 | 0.0472 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Progesterone | | ug/L | <MDL | 0.13 | 0.529 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Pyrene | | ug/L | <MDL | 0.011 | 0.0265 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Pyridine | | ug/L | <MDL | 0.53 | 1.06 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Sample Temperature, Field | 13.4 | deg C | | | |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Selenium, Dissolved, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Selenium, Total, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Silver, Dissolved, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Silver, Total, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Simazine | | ug/L | <MDL | 0.053 | 0.265 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Testosterone | | ug/L | <MDL | 0.13 | 0.529 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Thallium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Thallium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Total 4-Nonylphenol | | ug/L | <MDL | 0.13 | 0.529 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Total Suspended Solids | 4.7 | mg/L | | 0.5 | 1 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Toxaphene | | ug/L | <MDL | 0.012 | 0.0246 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Vanadium, Dissolved, ICP-MS | 0.000792 | mg/L | | 0.000025 | 0.000125 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Vanadium, Total, ICP-MS | 0.00136 | mg/L | | 0.000025 | 0.000125 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Vinclozolin | | ug/L | <MDL | 0.13 | 0.529 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Zinc, Dissolved, ICP-MS | | mg/L | B | 0.00545 | 0.00075 |
| SAMM_BEAR_MOUTH | 10/8/2002 | L25875-11 | Zinc, Total, ICP-MS | 0.00116 | mg/L | | 0.00015 | 0.00075 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | 1,2,4-Trichlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | 1,2-Dichlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | 1,2-Diphenylhydrazine | | ug/L | <MDL | 0.047 | 0.0943 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | 1,3-Dichlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | 1,4-Dichlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | 2,4,5-T | | ug/L | <MDL | 0.043 | 0.12 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | 2,4,5-TP (Silvex) | | ug/L | <MDL | 0.046 | 0.16 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | 2,4,5-Trichlorophenol | | ug/L | <MDL | 0.24 | 0.943 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | 2,4,6-Trichlorophenol | | ug/L | <MDL | 0.24 | 0.943 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | 2,4-D | | ug/L | <MDL | 0.016 | 0.08 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | 2,4-DB | | ug/L | <MDL | 0.022 | 0.08 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | 2,4-Dichlorophenol | | ug/L | <MDL | 0.024 | 0.236 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | 2,4-Dimethylphenol | | ug/L | <MDL | 0.024 | 0.236 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | 2,4-Dinitrophenol | | ug/L | <MDL | 0.24 | 2.36 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | 2,4-Dinitrotoluene | | ug/L | <MDL | 0.47 | 0.943 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | 2,6-Dinitrotoluene | | ug/L | <MDL | 0.47 | 0.943 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | 2-Chloronaphthalene | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | 2-Chlorophenol | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | 2-Methylnaphthalene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | 2-Methylphenol | | ug/L | <MDL | 0.024 | 0.118 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | 2-Nitroaniline | | ug/L | <MDL | 0.47 | 0.943 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | 2-Nitrophenol | | ug/L | <MDL | 0.094 | 0.236 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | 3,3'-Dichlorobenzidine | | ug/L | <MDL | 0.047 | 0.0943 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | 3-Methylphenol | | ug/L | <MDL | 0.024 | 0.118 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | 3-Nitroaniline | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | 4,4'-DDD | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | 4,4'-DDE | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | 4,4'-DDT | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | 4,6-Dinitro-O-Cresol | | ug/L | <MDL | 0.24 | 2.36 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | 4-Bromophenyl Phenyl Ether | | ug/L | <MDL | 0.047 | 0.0943 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | 4-Chloro-3-Methylphenol | | ug/L | <MDL | 0.24 | 0.943 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | 4-Chloroaniline | | ug/L | <MDL | 0.024 | 0.118 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | 4-Chlorophenyl Phenyl Ether | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | 4-Methylphenol | | ug/L | <MDL | 0.024 | 0.118 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | 4-Nitroaniline | | ug/L | <MDL | 0.47 | 0.943 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | 4-Nitrophenol | | ug/L | <MDL | 0.24 | 2.36 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Acenaphthene | | ug/L | <MDL | 0.0047 | 0.00943 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Acenaphthylene | | ug/L | <MDL | 0.047 | 0.0943 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Aldrin | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Alpha-BHC | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Alpha-Chlordane | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Aluminum, Dissolved, ICP-MS | 0.0092 | mg/L | <RDL | 0.002 | 0.01 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Aluminum, Total, ICP-MS | 0.0714 | mg/L | | 0.002 | 0.01 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Ammonia Nitrogen | | mg/L | <MDL | 0.01 | 0.02 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Aniline | | ug/L | <MDL | 0.94 | 2.36 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Anthracene | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Antimony, Dissolved, ICP-MS | 0.000068 | mg/L | H | 0.00001 | 0.00005 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Antimony, Total, ICP-MS | 0.000069 | mg/L | H | 0.00001 | 0.00005 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Aroclor 1016 | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Aroclor 1221 | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Aroclor 1232 | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Aroclor 1242 | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Aroclor 1248 | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Aroclor 1254 | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Aroclor 1260 | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Arsenic, Dissolved, ICP-MS | 0.00142 | mg/L | H | 0.0001 | 0.0005 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Arsenic, Total, ICP-MS | 0.00155 | mg/L | H | 0.0001 | 0.0005 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Atrazine | | ug/L | <MDL | 0.47 | 0.943 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Barium, Dissolved, ICP-MS | 0.00595 | mg/L | H | 0.000025 | 0.000125 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Barium, Total, ICP-MS | 0.00672 | mg/L | H | 0.000025 | 0.000125 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Benzidine | | ug/L | <MDL | 0.94 | 4.72 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Benzo(a)anthracene | | ug/L | <MDL | 0.0047 | 0.00943 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Benzo(a)pyrene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Benzo(b)fluoranthene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Benzo(g,h,i)perylene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Benzo(k)fluoranthene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Benzoic Acid | | ug/L | <MDL | 0.24 | 2.36 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Benzyl Alcohol | | ug/L | <MDL | 0.047 | 0.236 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Benzyl Butyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Beryllium, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.00005 | 0.00025 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Beryllium, Total, ICP-MS | | mg/L | <MDL,H | 0.00005 | 0.00025 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Beta-BHC | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Bis(2-Chloroethoxy)Methane | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Bis(2-Chloroethyl)Ether | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Bis(2-Chloroisopropyl)Ether | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Bis(2-ethylhexyl)adipate | | ug/L | <RDL,B | 2.2 | 0.472 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Bis(2-Ethylhexyl)Phthalate | | ug/L | B | 8.76 | 0.472 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Bisphenol A | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Cadmium, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.00001 | 0.00005 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Cadmium, Total, ICP-MS | | mg/L | <MDL,H | 0.00001 | 0.00005 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Caffeine | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Calcium, Dissolved, ICP | 11.8 | mg/L | | 0.05 | 0.25 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Calcium, Total, ICP | 12 | mg/L | | 0.05 | 0.25 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Carbazole | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Chlordecone (Kepone) | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Chlorpyrifos | | ug/L | <MDL | 0.032 | 0.0476 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Chromium, Dissolved, ICP-MS | 0.00025 | mg/L | RDL,H | 0.00005 | 0.00025 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Chromium, Total, ICP-MS | 0.000462 | mg/L | H | 0.00005 | 0.00025 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Chrysene | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Cobalt, Dissolved, ICP-MS | 0.000047 | mg/L | <RDL,H | 0.00001 | 0.00005 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Cobalt, Total, ICP-MS | 8.19E-05 | mg/L | H | 0.00001 | 0.00005 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Conductivity, Field | 149 | umhos/cm | | | |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Copper, Dissolved, ICP-MS | 0.00048 | mg/L | <RDL,H | 0.0001 | 0.0005 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Copper, Total, ICP-MS | 0.000579 | mg/L | H | 0.0001 | 0.0005 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Coprostanol | | ug/L | <MDL | 1.2 | 9.43 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Dalapon | | ug/L | <MDL | 0.047 | 0.16 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Delta-BHC | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Diazinon | | ug/L | <MDL | 0.047 | 0.236 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Diazinon | | ug/L | <MDL | 0.041 | 0.0476 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Dibenzo(a,h)anthracene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Dibenzofuran | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Dicamba | | ug/L | <MDL | 0.039 | 0.12 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Dichloroprop | | ug/L | <MDL | 0.023 | 0.08 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Dieldrin | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Diethyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Dimethyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Di-N-Butyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Di-N-Octyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Dinoseb | | ug/L | <MDL | 0.03 | 0.08 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Dissolved Oxygen, Field | 10.5 | mg/L | | | |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Disulfoton | | ug/L | <MDL | 0.026 | 0.0476 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Endosulfan I | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Endosulfan II | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Endosulfan Sulfate | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Endrin | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Endrin Aldehyde | | ug/L | <MDL | 0.0047 | 0.00943 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Enterococcus | 62 | CFU/100ml | | | |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Escherichia coli | 100 | CFU/100ml | | | |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Estradiol | | ug/L | <MDL | 0.12 | 0.472 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Estrone | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Ethynyl estradiol | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Fecal Coliform | 130 | CFU/100ml | | | |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Fluoranthene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Fluorene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Fluoride | 0.0408 | mg/L | | 0.02 | 0.04 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Gamma-BHC (Lindane) | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Gamma-Chlordane | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Hardness, Calc | 58.9 | mg CaCO3/L | | 0.2 | 1.25 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Heptachlor | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Heptachlor Epoxide | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Hexachlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Hexachlorobutadiene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Hexachlorocyclopentadiene | | ug/L | <MDL | 0.94 | 2.36 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Hexachloroethane | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Indeno(1,2,3-Cd)Pyrene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Iron, Dissolved, ICP | 0.17 | mg/L | <RDL | 0.05 | 0.25 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Iron, Total, ICP | 0.338 | mg/L | | 0.05 | 0.25 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Isophorone | | ug/L | <MDL | 0.24 | 0.0472 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Lead, Dissolved, ICP-MS | 0.000028 | mg/L | <RDL,H | 0.000025 | 0.000125 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Lead, Total, ICP-MS | 0.000126 | mg/L | H | 0.000025 | 0.000125 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Magnesium, Dissolved, ICP | 6.93 | mg/L | | 0.03 | 0.15 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Magnesium, Total, ICP | 7.05 | mg/L | | 0.03 | 0.15 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Malathion | | ug/L | <MDL | 0.046 | 0.0476 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | MCPA | | ug/L | <MDL | 0.038 | 0.12 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | MCPP | | ug/L | <MDL | 0.016 | 0.08 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Mercury, Dissolved, CVAF | 7.59E-07 | mg/L | | 0.0000002 | 5E-07 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Mercury, Total, CVAF | 1.45E-06 | mg/L | | 0.0000002 | 5E-07 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Methoxychlor | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Methyltestosterone | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Molybdenum, Dissolved, ICP-MS | 0.000232 | mg/L | H | 0.00001 | 0.00005 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Molybdenum, Total, ICP-MS | 0.000239 | mg/L | H | 0.00001 | 0.00005 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Naphthalene | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Nickel, Dissolved, ICP-MS | 0.000576 | mg/L | H | 0.00005 | 0.00025 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Nickel, Total, ICP-MS | 0.000665 | mg/L | H | 0.00005 | 0.00025 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Nitrate Nitrogen | 0.245 | mg/L | | 0.02 | 0.04 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Nitrite + Nitrate Nitrogen | 0.249 | mg/L | | 0.02 | 0.04 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Nitrobenzene | | ug/L | <MDL | 0.047 | 0.0943 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | N-Nitrosodimethylamine | | ug/L | <MDL | 0.047 | 0.118 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | N-Nitrosodi-N-Propylamine | | ug/L | <MDL | 0.047 | 0.0943 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | N-Nitrosodiphenylamine | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Ortho Phosphorus | 0.0198 | mg/L | | 0.002 | 0.005 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Parathion-Ethyl | | ug/L | <MDL | 0.043 | 0.0476 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Parathion-Methyl | | ug/L | <MDL | 0.034 | 0.0476 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Pentachlorophenol | | ug/L | <MDL | 0.47 | 4.72 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | pH, Field | 7.8 | pH | | | |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Phenanthrene | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Phenol | | ug/L | <MDL | 0.047 | 0.0943 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Phorate | | ug/L | <MDL | 0.031 | 0.0476 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Progesterone | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Pyrene | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Pyridine | | ug/L | <MDL | 0.94 | 2.36 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Sample Start Time | 1341 | hr | | | |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Sample Temperature, Field | 14.6 | deg C | | | |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Selenium, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.0005 | 0.0025 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Selenium, Total, ICP-MS | | mg/L | <MDL,H | 0.0005 | 0.0025 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Silver, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.000025 | 0.000125 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Silver, Total, ICP-MS | | mg/L | <MDL,H | 0.000025 | 0.000125 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Simazine | | ug/L | <MDL | 0.47 | 0.943 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Testosterone | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Thallium, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.00001 | 0.00005 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Thallium, Total, ICP-MS | | mg/L | <MDL,H | 0.00001 | 0.00005 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Total 4-Nonylphenol | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Total Suspended Solids | 3.4 | mg/L | | 0.5 | 1 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Toxaphene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Vanadium, Dissolved, ICP-MS | 0.000889 | mg/L | H | 0.000025 | 0.000125 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Vanadium, Total, ICP-MS | 0.00115 | mg/L | H | 0.000025 | 0.000125 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Vinclozolin | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Zinc, Dissolved, ICP-MS | 0.00044 | mg/L | <RDL,H | 0.00015 | 0.00075 |
| SAMM_BEAR_MOUTH | 9/15/2003 | L29488-11 | Zinc, Total, ICP-MS | 0.00155 | mg/L | H | 0.00015 | 0.00075 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | 1,2,4-Trichlorobenzene | | ug/L | <MDL,G | 0.005 | 0.00994 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | 1,2-Dichlorobenzene | | ug/L | <MDL,G | 0.005 | 0.00994 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | 1,2-Diphenylhydrazine | | ug/L | <MDL | 0.19 | 0.375 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | 1,3-Dichlorobenzene | | ug/L | <MDL,G | 0.005 | 0.00994 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | 1,4-Dichlorobenzene | | ug/L | <MDL,G | 0.0025 | 0.00495 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | 2,4,5-T | | ug/L | <MDL,H | 0.057 | 0.16 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | 2,4,5-TP (Silvex) | | ug/L | <MDL,H | 0.023 | 0.08 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | 2,4,5-Trichlorophenol | | ug/L | <MDL | 0.23 | 0.45 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | 2,4,6-Trichlorophenol | | ug/L | <MDL | 0.24 | 0.488 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | 2,4-D | 0.08 | ug/L | RDL,H | 0.03 | 0.08 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | 2,4-DB | | ug/L | <MDL,H | 0.058 | 0.16 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | 2,4-Dichlorophenol | | ug/L | <MDL | 0.3 | 0.6 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | 2,4-Dimethylphenol | | ug/L | <MDL,G | 0.13 | 0.263 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | 2,4-Dinitrophenol | | ug/L | <MDL | 0.25 | 0.5 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | 2,4-Dinitrotoluene | | ug/L | <MDL | 0.056 | 0.113 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | 2,6-Dinitrotoluene | | ug/L | <MDL | 0.19 | 0.375 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | 2-Chloronaphthalene | | ug/L | <MDL,G | 0.3 | 0.6 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | 2-Chlorophenol | | ug/L | <MDL | 0.15 | 0.3 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | 2-Methylnaphthalene | | ug/L | <MDL,G | 0.26 | 0.525 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | 2-Methylphenol | | ug/L | <MDL | 0.36 | 0.713 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | 2-Nitroaniline | | ug/L | <MDL | 0.13 | 0.25 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | 2-Nitrophenol | | ug/L | <MDL | 0.28 | 0.563 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | 3,3'-Dichlorobenzidine | | ug/L | <MDL | 0.05 | 0.1 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | 3-Methylphenol | | ug/L | <MDL,G | 0.05 | 0.1 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | 3-Nitroaniline | | ug/L | <MDL | 0.13 | 0.25 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | 4,4'-DDD | | ug/L | <MDL | 0.0026 | 0.0051 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | 4,4'-DDE | | ug/L | <MDL | 0.0026 | 0.0051 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | 4,4'-DDT | | ug/L | <MDL | 0.0026 | 0.0051 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | 4,6-Dinitro-O-Cresol | | ug/L | <MDL | 0.25 | 0.5 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | 4-Bromophenyl Phenyl Ether | | ug/L | <MDL | 0.17 | 0.338 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | 4-Chloro-3-Methylphenol | | ug/L | <MDL | 0.05 | 0.1 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | 4-Chloroaniline | | ug/L | <MDL,G | 0.05 | 0.1 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | 4-Chlorophenyl Phenyl Ether | | ug/L | <MDL,G | 0.24 | 0.488 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | 4-Methylphenol | | ug/L | <MDL | 0.3 | 0.6 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | 4-Nitroaniline | | ug/L | <MDL | 0.25 | 0.5 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | 4-Nitrophenol | | ug/L | <MDL | 0.25 | 0.5 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Acenaphthene | | ug/L | <MDL,G | 0.13 | 0.263 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Acenaphthylene | | ug/L | <MDL,G | 0.28 | 0.563 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Aldrin | | ug/L | <MDL | 0.0026 | 0.0051 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Alpha-BHC | | ug/L | <MDL | 0.0026 | 0.0051 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Aluminum, Dissolved, ICP-MS | 0.004 | mg/L | <RDL | 0.002 | 0.01 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Aluminum, Total, ICP-MS | 0.0219 | mg/L | | 0.002 | 0.01 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Ammonia Nitrogen | 0.013 | mg/L | <RDL | 0.01 | 0.02 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Aniline | | ug/L | <MDL,G | 0.36 | 0.713 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Anthracene | | ug/L | <MDL | 0.075 | 0.15 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Antimony, Dissolved, ICP-MS | 6.17E-05 | mg/L | | 0.00001 | 0.00005 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Antimony, Total, ICP-MS | 6.22E-05 | mg/L | | 0.00001 | 0.00005 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Aroclor 1016 | | ug/L | <MDL | 0.026 | 0.051 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Aroclor 1221 | | ug/L | <MDL | 0.026 | 0.051 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Aroclor 1232 | | ug/L | <MDL | 0.026 | 0.051 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Aroclor 1242 | | ug/L | <MDL | 0.026 | 0.051 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Aroclor 1248 | | ug/L | <MDL | 0.026 | 0.051 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Aroclor 1254 | | ug/L | <MDL | 0.026 | 0.051 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Aroclor 1260 | | ug/L | <MDL | 0.026 | 0.051 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Arsenic, Dissolved, ICP-MS | 0.00123 | mg/L | | 0.0001 | 0.0005 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Arsenic, Total, ICP-MS | 0.00142 | mg/L | | 0.0001 | 0.0005 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Barium, Dissolved, ICP-MS | 0.00556 | mg/L | | 0.000025 | 0.000125 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Barium, Total, ICP-MS | 0.00643 | mg/L | | 0.0002 | 0.001 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Benzo(a)anthracene | | ug/L | <MDL | 0.038 | 0.075 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Benzo(a)pyrene | | ug/L | <MDL | 0.056 | 0.113 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Benzo(b)fluoranthene | | ug/L | <MDL | 0.056 | 0.113 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Benzo(g,h,i)perylene | | ug/L | <MDL | 0.15 | 0.3 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Benzo(k)fluoranthene | | ug/L | <MDL | 0.056 | 0.113 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Benzoic Acid | | ug/L | <MDL,G | 0.11 | 0.225 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Benzyl Alcohol | | ug/L | <MDL | 0.11 | 0.225 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Benzyl Butyl Phthalate | | ug/L | <MDL | 0.11 | 0.225 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Beryllium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Beryllium, Total, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Beta-BHC | | ug/L | <MDL | 0.0026 | 0.0051 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Bis(2-Chloroethoxy)Methane | | ug/L | <MDL | 0.32 | 0.638 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Bis(2-Chloroethyl)Ether | | ug/L | <MDL | 0.28 | 0.563 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Bis(2-Chloroisopropyl)Ether | | ug/L | <MDL | 0.28 | 0.563 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Bis(2-Ethylhexyl)Phthalate | | ug/L | B,L | 7.05 | 0.263 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Cadmium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Cadmium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Caffeine | 0.15 | ug/L | <RDL | 0.11 | 0.225 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Calcium, Dissolved, ICP | 11.9 | mg/L | | 0.05 | 0.25 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Calcium, Total, ICP | 11.9 | mg/L | | 0.05 | 0.25 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Carbazole | | ug/L | <MDL | 0.13 | 0.263 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Chlordane | | ug/L | <MDL | 0.013 | 0.0255 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Chlorpyrifos | | ug/L | <MDL | 0.034 | 0.05 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Chromium, Dissolved, ICP-MS | 0.00023 | mg/L | <RDL | 0.00005 | 0.00025 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Chromium, Total, ICP-MS | 0.000278 | mg/L | | 0.00005 | 0.00025 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Chrysene | | ug/L | <MDL | 0.075 | 0.15 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Cobalt, Dissolved, ICP-MS | 5.92E-05 | mg/L | | 0.00001 | 0.00005 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Cobalt, Total, ICP-MS | 6.97E-05 | mg/L | | 0.00001 | 0.00005 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Copper, Dissolved, ICP-MS | 0.00044 | mg/L | <RDL | 0.0001 | 0.0005 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Copper, Total, ICP-MS | 0.000511 | mg/L | | 0.0001 | 0.0005 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Coprostanol | | ug/L | <MDL,G | 0.26 | 0.525 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Dalapon | | ug/L | <MDL,H | 0.012 | 0.08 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Delta-BHC | | ug/L | <MDL | 0.0026 | 0.0051 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Diazinon | | ug/L | <MDL | 0.043 | 0.05 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Dibenzo(a,h)anthracene | | ug/L | <MDL | 0.13 | 0.263 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Dibenzofuran | | ug/L | <MDL,G | 0.26 | 0.525 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Dicamba | | ug/L | <MDL,H | 0.022 | 0.08 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Dichloroprop | | ug/L | <MDL,H | 0.011 | 0.08 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Dieldrin | | ug/L | <MDL | 0.0026 | 0.0051 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Diethyl Phthalate | | ug/L | <MDL | 0.11 | 0.225 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Dimethyl Phthalate | | ug/L | <MDL | 0.21 | 0.413 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Di-N-Butyl Phthalate | | ug/L | B,L | 1.2 | 0.188 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Di-N-Octyl Phthalate | | ug/L | <MDL | 0.15 | 0.3 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Dinoseb | | ug/L | <MDL,H | 0.029 | 0.08 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Disulfoton | | ug/L | <MDL | 0.027 | 0.05 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Endosulfan I | | ug/L | <MDL | 0.0026 | 0.0051 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Endosulfan II | | ug/L | <MDL | 0.0026 | 0.0051 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Endosulfan Sulfate | | ug/L | <MDL | 0.0026 | 0.0051 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Endrin | | ug/L | <MDL | 0.0026 | 0.0051 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Endrin Aldehyde | | ug/L | <MDL | 0.0026 | 0.0051 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Enterococcus | 29 | CFU/100ml | | | |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Escherichia coli | 70 | CFU/100ml | | | |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Fecal Coliform | 55 | CFU/100ml | | | |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Fluoranthene | | ug/L | <MDL | 0.15 | 0.3 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Fluorene | | ug/L | <MDL | 0.24 | 0.488 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Fluoride | | mg/L | <MDL | 0.05 | 0.1 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Gamma-BHC (Lindane) | | ug/L | <MDL | 0.0026 | 0.0051 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Hardness, Calc | 54 | mg CaCO3/L | | 0.2 | 1.25 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Heptachlor | | ug/L | <MDL | 0.0026 | 0.0051 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Heptachlor Epoxide | | ug/L | <MDL | 0.0026 | 0.0051 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Hexachlorobenzene | | ug/L | <MDL | 0.012 | 0.0249 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Hexachlorobutadiene | | ug/L | <MDL,G | 0.014 | 0.0281 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Hexachlorocyclopentadiene | | ug/L | <MDL,G | 0.13 | 0.25 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Hexachloroethane | | ug/L | <MDL,G | 0.28 | 0.563 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Indeno(1,2,3-Cd)Pyrene | | ug/L | <MDL | 0.17 | 0.338 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Iron, Dissolved, ICP | 0.343 | mg/L | | 0.05 | 0.25 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Iron, Total, ICP | 0.539 | mg/L | | 0.05 | 0.25 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Isophorone | | ug/L | <MDL | 0.36 | 0.713 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Lead, Dissolved, ICP-MS | 0.00003 | mg/L | <RDL | 0.000025 | 0.000125 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Lead, Total, ICP-MS | 0.000052 | mg/L | <RDL | 0.000025 | 0.000125 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Magnesium, Dissolved, ICP | 5.89 | mg/L | | 0.03 | 0.15 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Magnesium, Total, ICP | 5.87 | mg/L | | 0.03 | 0.15 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Malathion | | ug/L | <MDL | 0.048 | 0.05 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | MCPA | | ug/L | <MDL,H | 0.011 | 0.08 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | MCPP | | ug/L | <MDL,H | 0.013 | 0.08 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Mercury, Dissolved, CVAF | 4.3E-07 | mg/L | <RDL | 0.0000001 | 5E-07 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Mercury, Total, CVAF | 1.48E-06 | mg/L | | 0.0000001 | 5E-07 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Methoxychlor | | ug/L | <MDL | 0.013 | 0.0255 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Molybdenum, Dissolved, ICP-MS | 0.000239 | mg/L | | 0.00001 | 0.00005 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Molybdenum, Total, ICP-MS | 0.000248 | mg/L | | 0.00001 | 0.00005 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Naphthalene | | ug/L | <MDL,G | 0.26 | 0.525 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Nickel, Dissolved, ICP-MS | 0.000614 | mg/L | | 0.00005 | 0.00025 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Nickel, Total, ICP-MS | 0.000668 | mg/L | | 0.00005 | 0.00025 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Nitrate Nitrogen | 0.102 | mg/L | | 0.02 | 0.04 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Nitrite + Nitrate Nitrogen | 0.102 | mg/L | | 0.02 | 0.04 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Nitrobenzene | | ug/L | <MDL,G | 0.3 | 0.6 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | N-Nitrosodimethylamine | | ug/L | <MDL | 0.38 | 0.75 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | N-Nitrosodi-N-Propylamine | | ug/L | <MDL | 0.17 | 0.338 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | N-Nitrosodiphenylamine | | ug/L | <MDL | 0.38 | 0.75 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Ortho Phosphorus | 0.00736 | mg/L | | 0.002 | 0.005 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Parathion-Ethyl | | ug/L | <MDL | 0.045 | 0.05 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Parathion-Methyl | | ug/L | <MDL | 0.036 | 0.05 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Pentachlorophenol | | ug/L | <MDL | 0.094 | 0.188 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Phenanthrene | | ug/L | <MDL | 0.075 | 0.15 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Phenol | | ug/L | <MDL | 0.17 | 0.338 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Phorate | | ug/L | <MDL | 0.033 | 0.05 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Pyrene | | ug/L | <MDL | 0.075 | 0.15 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Pyridine | | ug/L | <MDL,G | 0.5 | 1 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Sample Start Time | | hr | | | |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Selenium, Dissolved, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Selenium, Total, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Silver, Dissolved, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Silver, Total, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Thallium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Thallium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Total Suspended Solids | 0.79 | mg/L | <RDL | 0.5 | 1 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Toxaphene | | ug/L | <MDL | 0.026 | 0.051 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Vanadium, Dissolved, ICP-MS | 0.000533 | mg/L | | 0.000025 | 0.000125 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Vanadium, Total, ICP-MS | 0.000689 | mg/L | | 0.000025 | 0.000125 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Zinc, Dissolved, ICP-MS | | mg/L | <RDL,B | 0.00255 | 0.00075 |
| SAMM_BRIDGE_116 | 9/4/2001 | L21953-9 | Zinc, Total, ICP-MS | 0.00058 | mg/L | <RDL | 0.00015 | 0.00075 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | 1,2,4-Trichlorobenzene | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | 1,2-Dichlorobenzene | | ug/L | <MDL | 0.005 | 0.01 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | 1,2-Diphenylhydrazine | | ug/L | <MDL | 0.05 | 0.1 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | 1,3-Dichlorobenzene | | ug/L | <MDL | 0.005 | 0.01 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | 1,4-Dichlorobenzene | | ug/L | <MDL | 0.005 | 0.01 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | 2,4,5-T | | ug/L | <MDL | 0.05 | 0.165 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | 2,4,5-TP (Silvex) | | ug/L | <MDL | 0.017 | 0.0826 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | 2,4,5-Trichlorophenol | | ug/L | <MDL | 0.05 | 0.25 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | 2,4,6-Trichlorophenol | | ug/L | <MDL | 0.05 | 0.25 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | 2,4-D | 0.132 | ug/L | | 0.039 | 0.124 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | 2,4-DB | | ug/L | <MDL | 0.045 | 0.124 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | 2,4-Dichlorophenol | | ug/L | <MDL | 0.025 | 0.25 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | 2,4-Dimethylphenol | | ug/L | <MDL | 0.025 | 0.25 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | 2,4-Dinitrophenol | | ug/L | <MDL | 0.25 | 2.5 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | 2,4-Dinitrotoluene | | ug/L | <MDL | 0.5 | 1 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | 2,6-Dinitrotoluene | | ug/L | <MDL | 0.5 | 1 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | 2-Chloronaphthalene | | ug/L | <MDL | 0.01 | 0.025 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | 2-Chlorophenol | | ug/L | <MDL | 0.01 | 0.025 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | 2-Methylnaphthalene | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | 2-Methylphenol | | ug/L | <MDL | 0.025 | 0.125 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | 2-Nitroaniline | | ug/L | <MDL | 0.5 | 1 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | 2-Nitrophenol | | ug/L | <MDL | 0.05 | 0.25 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | 3,3'-Dichlorobenzidine | | ug/L | <MDL | 0.05 | 0.1 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | 3-Methylphenol | | ug/L | <MDL | 0.025 | 0.125 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | 3-Nitroaniline | | ug/L | <MDL | 0.13 | 0.5 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | 4,4'-DDD | | ug/L | <MDL | 0.0013 | 0.0026 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | 4,4'-DDE | | ug/L | <MDL | 0.0013 | 0.0026 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | 4,4'-DDT | | ug/L | <MDL | 0.0013 | 0.0026 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | 4,6-Dinitro-O-Cresol | | ug/L | <MDL | 0.25 | 2.5 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | 4-Bromophenyl Phenyl Ether | | ug/L | <MDL | 0.05 | 0.1 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | 4-Chloro-3-Methylphenol | | ug/L | <MDL | 0.05 | 0.25 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | 4-Chloroaniline | | ug/L | <MDL | 0.025 | 0.125 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | 4-Chlorophenyl Phenyl Ether | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | 4-Methylphenol | | ug/L | <MDL | 0.025 | 0.125 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | 4-Nitroaniline | | ug/L | <MDL | 0.5 | 1 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | 4-Nitrophenol | | ug/L | <MDL | 0.25 | 2.5 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Acenaphthene | | ug/L | <MDL | 0.005 | 0.01 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Acenaphthylene | | ug/L | <MDL | 0.05 | 0.1 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Aldrin | | ug/L | <MDL | 0.0013 | 0.0026 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Alpha-BHC | | ug/L | <MDL | 0.00065 | 0.0013 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Alpha-Chlordane | | ug/L | <MDL | 0.00065 | 0.0013 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Aluminum, Dissolved, ICP-MS | 0.0048 | mg/L | <RDL | 0.002 | 0.01 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Aluminum, Total, ICP-MS | 0.0357 | mg/L | | 0.002 | 0.01 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Ammonia Nitrogen | 0.0715 | mg/L | | 0.01 | 0.02 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Aniline | | ug/L | <MDL | 0.05 | 0.1 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Anthracene | | ug/L | <MDL | 0.01 | 0.025 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Antimony, Dissolved, ICP-MS | 7.12E-05 | mg/L | | 0.00001 | 0.00005 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Antimony, Total, ICP-MS | 7.01E-05 | mg/L | | 0.00001 | 0.00005 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Aroclor 1016 | | ug/L | <MDL | 0.0065 | 0.013 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Aroclor 1221 | | ug/L | <MDL | 0.013 | 0.026 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Aroclor 1232 | | ug/L | <MDL | 0.013 | 0.026 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Aroclor 1242 | | ug/L | <MDL | 0.0065 | 0.013 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Aroclor 1248 | | ug/L | <MDL | 0.0065 | 0.013 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Aroclor 1254 | | ug/L | <MDL | 0.0065 | 0.013 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Aroclor 1260 | | ug/L | <MDL | 0.0065 | 0.013 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Arsenic, Dissolved, ICP-MS | 0.00117 | mg/L | | 0.0001 | 0.0005 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Arsenic, Total, ICP-MS | 0.00129 | mg/L | | 0.0001 | 0.0005 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Atrazine | | ug/L | <MDL | 0.05 | 0.25 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Barium, Dissolved, ICP-MS | 0.00708 | mg/L | | 0.0002 | 0.001 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Barium, Total, ICP-MS | 0.00737 | mg/L | | 0.0002 | 0.001 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Benzidine | | ug/L | <MDL | 0.5 | 5 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Benzo(a)anthracene | | ug/L | <MDL | 0.005 | 0.01 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Benzo(a)pyrene | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Benzo(b)fluoranthene | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Benzo(g,h,i)perylene | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Benzo(k)fluoranthene | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Benzoic Acid | | ug/L | <MDL | 0.25 | 2.5 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Benzyl Alcohol | | ug/L | <MDL | 0.05 | 0.25 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Benzyl Butyl Phthalate | | ug/L | <RDL,B | 1.55 | 0.5 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Beryllium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Beryllium, Total, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Beta-BHC | | ug/L | <MDL | 0.00065 | 0.0013 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Bis(2-Chloroethoxy)Methane | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Bis(2-Chloroethyl)Ether | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Bis(2-Chloroisopropyl)Ether | | ug/L | <MDL | 0.01 | 0.025 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Bis(2-ethylhexyl)adipate | | ug/L | <RDL,B | 1.05 | 0.5 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Bis(2-Ethylhexyl)Phthalate | | ug/L | B | 2.25 | 0.05 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Bisphenol A | 0.21 | ug/L | <RDL | 0.13 | 0.5 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Cadmium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Cadmium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Caffeine | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Calcium, Dissolved, ICP | 12.1 | mg/L | | 0.05 | 0.25 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Calcium, Total, ICP | 11.7 | mg/L | | 0.05 | 0.25 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Carbazole | | ug/L | <MDL | 0.01 | 0.025 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Chlordecone (Kepone) | | ug/L | <MDL | 0.13 | 0.5 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Chlorpyrifos | | ug/L | <MDL | 0.032 | 0.0472 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Chromium, Dissolved, ICP-MS | 0.00024 | mg/L | <RDL | 0.00005 | 0.00025 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Chromium, Total, ICP-MS | 0.000343 | mg/L | | 0.00005 | 0.00025 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Chrysene | | ug/L | <MDL | 0.01 | 0.025 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Cobalt, Dissolved, ICP-MS | 5.73E-05 | mg/L | | 0.00001 | 0.00005 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Conductivity, Field | 139 | umhos/cm | | | |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Copper, Dissolved, ICP-MS | 0.000564 | mg/L | | 0.0001 | 0.0005 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Copper, Total, ICP-MS | 0.000548 | mg/L | | 0.0001 | 0.0005 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Coprostanol | | ug/L | <MDL | 1.3 | 10 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Dalapon | | ug/L | <MDL | 0.049 | 0.165 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Delta-BHC | | ug/L | <MDL | 0.00065 | 0.0013 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Diazinon | | ug/L | <MDL | 0.041 | 0.0472 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Diazinon | | ug/L | <MDL | 0.05 | 0.25 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Dibenzo(a,h)anthracene | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Dibenzofuran | | ug/L | <MDL | 0.01 | 0.025 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Dicamba | | ug/L | <MDL | 0.04 | 0.124 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Dichloroprop | | ug/L | <MDL | 0.017 | 0.0826 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Dieldrin | | ug/L | <MDL | 0.0013 | 0.0026 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Diethyl Phthalate | 0.111 | ug/L | | 0.025 | 0.1 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Dimethyl Phthalate | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Di-N-Butyl Phthalate | | ug/L | B | 1.15 | 0.25 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Di-N-Octyl Phthalate | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Dinoseb | | ug/L | <MDL | 0.048 | 0.165 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Dissolved Oxygen, Field | 8.8 | mg/L | | | |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Disulfoton | | ug/L | <MDL | 0.025 | 0.0472 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Endosulfan I | | ug/L | <MDL | 0.0013 | 0.0026 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Endosulfan II | | ug/L | <MDL | 0.0013 | 0.0026 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Endosulfan Sulfate | | ug/L | <MDL | 0.0013 | 0.0026 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Endrin | | ug/L | <MDL | 0.0013 | 0.0026 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Endrin Aldehyde | | ug/L | <MDL | 0.0026 | 0.00521 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Enterococcus | 46 | CFU/100ml | | | |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Escherichia coli | 68 | CFU/100ml | | | |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Estradiol | | ug/L | <MDL | 0.13 | 0.5 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Estrone | | ug/L | <MDL | 0.13 | 0.5 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Ethynyl estradiol | | ug/L | <MDL | 0.13 | 0.5 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Fecal Coliform | 63 | CFU/100ml | | | |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Fluoranthene | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Fluorene | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Fluoride | 0.0482 | mg/L | | 0.02 | 0.04 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Gamma-BHC (Lindane) | | ug/L | <MDL | 0.00065 | 0.0013 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Gamma-Chlordane | | ug/L | <MDL | 0.00065 | 0.0013 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Hardness, Calc | 55.4 | mg CaCO3/L | | 0.2 | 1.25 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Heptachlor | | ug/L | <MDL | 0.00065 | 0.0013 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Heptachlor Epoxide | | ug/L | <MDL | 0.00065 | 0.0013 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Hexachlorobenzene | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Hexachlorobutadiene | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Hexachlorocyclopentadiene | | ug/L | <MDL | 0.05 | 0.5 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Hexachloroethane | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Indeno(1,2,3-Cd)Pyrene | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Iron, Dissolved, ICP | 0.27 | mg/L | | 0.05 | 0.25 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Iron, Total, ICP | 0.473 | mg/L | | 0.05 | 0.25 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Isophorone | | ug/L | <MDL | 0.25 | 0.05 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Lead, Dissolved, ICP-MS | 0.000027 | mg/L | <RDL | 0.000025 | 0.000125 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Lead, Total, ICP-MS | 0.000064 | mg/L | <RDL | 0.000025 | 0.000125 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Magnesium, Dissolved, ICP | 6.38 | mg/L | | 0.03 | 0.15 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Magnesium, Total, ICP | 6.33 | mg/L | | 0.03 | 0.15 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Malathion | | ug/L | <MDL | 0.045 | 0.0472 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | MCPA | | ug/L | <MDL | 0.023 | 0.0826 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | MCPP | | ug/L | <MDL | 0.031 | 0.0826 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Mercury, Dissolved, CVAF | 5.05E-07 | mg/L | | 0.0000001 | 5E-07 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Mercury, Total, CVAF | 7.99E-07 | mg/L | | 0.0000001 | 5E-07 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Methoxychlor | | ug/L | <MDL | 0.0065 | 0.013 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Methyltestosterone | | ug/L | <MDL | 0.13 | 0.5 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Molybdenum, Dissolved, ICP-MS | 0.000245 | mg/L | | 0.00001 | 0.00005 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Molybdenum, Total, ICP-MS | 0.000238 | mg/L | | 0.00001 | 0.00005 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Naphthalene | | ug/L | <MDL | 0.01 | 0.025 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Nickel, Dissolved, ICP-MS | 0.000634 | mg/L | | 0.00005 | 0.00025 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Nickel, Total, ICP-MS | 0.000682 | mg/L | | 0.00005 | 0.00025 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Nitrate Nitrogen | 0.255 | mg/L | | 0.02 | 0.04 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Nitrite + Nitrate Nitrogen | 0.277 | mg/L | | 0.02 | 0.04 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Nitrobenzene | | ug/L | <MDL | 0.05 | 0.1 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | N-Nitrosodimethylamine | | ug/L | <MDL | 0.05 | 0.125 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | N-Nitrosodi-N-Propylamine | | ug/L | <MDL | 0.05 | 0.1 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | N-Nitrosodiphenylamine | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Ortho Phosphorus | 0.0117 | mg/L | | 0.002 | 0.005 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Parathion-Ethyl | | ug/L | <MDL | 0.042 | 0.0472 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Parathion-Methyl | | ug/L | <MDL | 0.034 | 0.0472 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Pentachlorophenol | | ug/L | <MDL | 0.13 | 1 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | pH, Field | 6.8 | pH | | | |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Phenanthrene | | ug/L | <MDL | 0.01 | 0.025 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Phenol | | ug/L | B | 0.09 | 0.01 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Phorate | | ug/L | <MDL | 0.031 | 0.0472 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Progesterone | | ug/L | <MDL | 0.13 | 0.5 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Pyrene | | ug/L | <MDL | 0.01 | 0.025 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Pyridine | | ug/L | <MDL | 0.5 | 1 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Sample Temperature, Field | 14 | deg C | | | |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Selenium, Dissolved, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Selenium, Total, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Silver, Dissolved, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Silver, Total, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Simazine | | ug/L | <MDL | 0.05 | 0.25 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Testosterone | | ug/L | <MDL | 0.13 | 0.5 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Thallium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Thallium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Total 4-Nonylphenol | | ug/L | <MDL | 0.13 | 0.5 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Total Suspended Solids | 1.12 | mg/L | | 0.5 | 1 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Toxaphene | | ug/L | <MDL | 0.013 | 0.026 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Vanadium, Dissolved, ICP-MS | 0.000618 | mg/L | | 0.000025 | 0.000125 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Vanadium, Total, ICP-MS | 0.000775 | mg/L | | 0.000025 | 0.000125 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Vinclozolin | | ug/L | <MDL | 0.13 | 0.5 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Zinc, Dissolved, ICP-MS | | mg/L | B | 0.00545 | 0.00075 |
| SAMM_BRIDGE_116 | 10/8/2002 | L25875-9 | Zinc, Total, ICP-MS | 0.000853 | mg/L | | 0.00015 | 0.00075 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | 1,2,4-Trichlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | 1,2-Dichlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | 1,2-Diphenylhydrazine | | ug/L | <MDL | 0.047 | 0.0943 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | 1,3-Dichlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | 1,4-Dichlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | 2,4,5-T | | ug/L | <MDL | 0.043 | 0.12 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | 2,4,5-TP (Silvex) | | ug/L | <MDL | 0.046 | 0.16 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | 2,4,5-Trichlorophenol | | ug/L | <MDL | 0.24 | 0.943 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | 2,4,6-Trichlorophenol | | ug/L | <MDL | 0.24 | 0.943 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | 2,4-D | | ug/L | <MDL | 0.016 | 0.08 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | 2,4-DB | | ug/L | <MDL | 0.022 | 0.08 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | 2,4-Dichlorophenol | | ug/L | <MDL | 0.024 | 0.236 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | 2,4-Dimethylphenol | | ug/L | <MDL | 0.024 | 0.236 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | 2,4-Dinitrophenol | | ug/L | <MDL | 0.24 | 2.36 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | 2,4-Dinitrotoluene | | ug/L | <MDL | 0.47 | 0.943 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | 2,6-Dinitrotoluene | | ug/L | <MDL | 0.47 | 0.943 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | 2-Chloronaphthalene | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | 2-Chlorophenol | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | 2-Methylnaphthalene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | 2-Methylphenol | | ug/L | <MDL | 0.024 | 0.118 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | 2-Nitroaniline | | ug/L | <MDL | 0.47 | 0.943 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | 2-Nitrophenol | | ug/L | <MDL | 0.094 | 0.236 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | 3,3'-Dichlorobenzidine | | ug/L | <MDL | 0.047 | 0.0943 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | 3-Methylphenol | | ug/L | <MDL | 0.024 | 0.118 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | 3-Nitroaniline | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | 4,4'-DDD | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | 4,4'-DDE | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | 4,4'-DDT | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | 4,6-Dinitro-O-Cresol | | ug/L | <MDL | 0.24 | 2.36 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | 4-Bromophenyl Phenyl Ether | | ug/L | <MDL | 0.047 | 0.0943 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | 4-Chloro-3-Methylphenol | | ug/L | <MDL | 0.24 | 0.943 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | 4-Chloroaniline | | ug/L | <MDL | 0.024 | 0.118 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | 4-Chlorophenyl Phenyl Ether | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | 4-Methylphenol | | ug/L | <MDL | 0.024 | 0.118 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | 4-Nitroaniline | | ug/L | <MDL | 0.47 | 0.943 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | 4-Nitrophenol | | ug/L | <MDL | 0.24 | 2.36 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Acenaphthene | | ug/L | <MDL | 0.0047 | 0.00943 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Acenaphthylene | | ug/L | <MDL | 0.047 | 0.0943 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Aldrin | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Alpha-BHC | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Alpha-Chlordane | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Aluminum, Dissolved, ICP-MS | 0.0031 | mg/L | <RDL | 0.002 | 0.01 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Aluminum, Total, ICP-MS | 0.0188 | mg/L | | 0.002 | 0.01 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Ammonia Nitrogen | 0.011 | mg/L | <RDL | 0.01 | 0.02 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Aniline | | ug/L | <MDL | 0.94 | 2.36 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Anthracene | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Antimony, Dissolved, ICP-MS | 8.09E-05 | mg/L | H | 0.00001 | 0.00005 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Antimony, Total, ICP-MS | 7.81E-05 | mg/L | H | 0.00001 | 0.00005 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Aroclor 1016 | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Aroclor 1221 | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Aroclor 1232 | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Aroclor 1242 | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Aroclor 1248 | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Aroclor 1254 | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Aroclor 1260 | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Arsenic, Dissolved, ICP-MS | 0.00126 | mg/L | H | 0.0001 | 0.0005 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Arsenic, Total, ICP-MS | 0.00146 | mg/L | H | 0.0001 | 0.0005 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Atrazine | | ug/L | <MDL | 0.47 | 0.943 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Barium, Dissolved, ICP-MS | 0.00652 | mg/L | H | 0.000025 | 0.000125 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Barium, Total, ICP-MS | 0.00672 | mg/L | H | 0.000025 | 0.000125 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Benzidine | | ug/L | <MDL | 0.94 | 4.72 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Benzo(a)anthracene | | ug/L | <MDL | 0.0047 | 0.00943 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Benzo(a)pyrene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Benzo(b)fluoranthene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Benzo(g,h,i)perylene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Benzo(k)fluoranthene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Benzoic Acid | | ug/L | <MDL | 0.24 | 2.36 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Benzyl Alcohol | | ug/L | <MDL | 0.047 | 0.236 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Benzyl Butyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Beryllium, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.00005 | 0.00025 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Beryllium, Total, ICP-MS | | mg/L | <MDL,H | 0.00005 | 0.00025 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Beta-BHC | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Bis(2-Chloroethoxy)Methane | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Bis(2-Chloroethyl)Ether | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Bis(2-Chloroisopropyl)Ether | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Bis(2-ethylhexyl)adipate | | ug/L | <RDL,B | 2.2 | 0.472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Bis(2-Ethylhexyl)Phthalate | | ug/L | B | 8.76 | 0.472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Bisphenol A | | ug/L | <MDL | 0.12 | 0.472 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Cadmium, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.00001 | 0.00005 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Cadmium, Total, ICP-MS | | mg/L | <MDL,H | 0.00001 | 0.00005 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Caffeine | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Calcium, Dissolved, ICP | 12.3 | mg/L | | 0.05 | 0.25 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Calcium, Total, ICP | 12.3 | mg/L | | 0.05 | 0.25 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Carbazole | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Chlordecone (Kepone) | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Chlorpyrifos | | ug/L | <MDL | 0.032 | 0.0472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Chromium, Dissolved, ICP-MS | 0.000261 | mg/L | H | 0.00005 | 0.00025 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Chromium, Total, ICP-MS | 0.000314 | mg/L | H | 0.00005 | 0.00025 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Chrysene | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Cobalt, Dissolved, ICP-MS | 0.000046 | mg/L | <RDL,H | 0.00001 | 0.00005 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Cobalt, Total, ICP-MS | 5.61E-05 | mg/L | H | 0.00001 | 0.00005 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Conductivity, Field | 149 | umhos/cm | | | |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Copper, Dissolved, ICP-MS | 0.00118 | mg/L | H | 0.0001 | 0.0005 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Copper, Total, ICP-MS | 0.000642 | mg/L | H | 0.0001 | 0.0005 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Coprostanol | | ug/L | <MDL | 1.2 | 9.43 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Dalapon | | ug/L | <MDL | 0.047 | 0.16 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Delta-BHC | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Diazinon | | ug/L | <MDL | 0.047 | 0.236 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Diazinon | | ug/L | <MDL | 0.041 | 0.0472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Dibenzo(a,h)anthracene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Dibenzofuran | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Dicamba | | ug/L | <MDL | 0.039 | 0.12 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Dichloroprop | | ug/L | <MDL | 0.023 | 0.08 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Dieldrin | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Diethyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Dimethyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Di-N-Butyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Di-N-Octyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Dinoseb | | ug/L | <MDL | 0.03 | 0.08 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Dissolved Oxygen, Field | 8.4 | mg/L | | | |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Disulfoton | | ug/L | <MDL | 0.025 | 0.0472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Endosulfan I | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Endosulfan II | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Endosulfan Sulfate | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Endrin | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Endrin Aldehyde | | ug/L | <MDL | 0.0047 | 0.00943 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Enterococcus | 34 | CFU/100ml | | | |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Escherichia coli | 100 | CFU/100ml | | | |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Estradiol | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Estrone | | ug/L | <MDL | 0.12 | 0.472 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Ethynyl estradiol | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Fecal Coliform | 73 | CFU/100ml | | | |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Fluoranthene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Fluorene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Fluoride | 0.0426 | mg/L | | 0.02 | 0.04 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Gamma-BHC (Lindane) | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Gamma-Chlordane | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Hardness, Calc | 58 | mg CaCO3/L | | 0.2 | 1.25 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Heptachlor | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Heptachlor Epoxide | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Hexachlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Hexachlorobutadiene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Hexachlorocyclopentadiene | | ug/L | <MDL | 0.94 | 2.36 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Hexachloroethane | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Indeno(1,2,3-Cd)Pyrene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Iron, Dissolved, ICP | 0.366 | mg/L | | 0.05 | 0.25 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Iron, Total, ICP | 0.559 | mg/L | | 0.05 | 0.25 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Isophorone | | ug/L | <MDL | 0.24 | 0.0472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Lead, Dissolved, ICP-MS | 0.000057 | mg/L | <RDL,H | 0.000025 | 0.000125 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Lead, Total, ICP-MS | 0.000067 | mg/L | <RDL,H | 0.000025 | 0.000125 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Magnesium, Dissolved, ICP | 6.49 | mg/L | | 0.03 | 0.15 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Magnesium, Total, ICP | 6.61 | mg/L | | 0.03 | 0.15 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Malathion | | ug/L | <MDL | 0.045 | 0.0472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | MCPA | | ug/L | <MDL | 0.038 | 0.12 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | MCPP | | ug/L | <MDL | 0.016 | 0.08 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Mercury, Dissolved, CVAF | 5E-07 | mg/L | RDL | 0.0000002 | 5E-07 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Mercury, Total, CVAF | 6.22E-07 | mg/L | | 0.0000002 | 5E-07 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Methoxychlor | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Methyltestosterone | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Molybdenum, Dissolved, ICP-MS | 0.000292 | mg/L | H | 0.00001 | 0.00005 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Molybdenum, Total, ICP-MS | 0.000304 | mg/L | H | 0.00001 | 0.00005 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Naphthalene | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Nickel, Dissolved, ICP-MS | 0.000689 | mg/L | H | 0.00005 | 0.00025 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Nickel, Total, ICP-MS | 0.000683 | mg/L | H | 0.00005 | 0.00025 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Nitrate Nitrogen | 0.106 | mg/L | | 0.02 | 0.04 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Nitrite + Nitrate Nitrogen | 0.11 | mg/L | | 0.02 | 0.04 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Nitrobenzene | | ug/L | <MDL | 0.047 | 0.0943 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | N-Nitrosodimethylamine | | ug/L | <MDL | 0.047 | 0.118 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | N-Nitrosodi-N-Propylamine | | ug/L | <MDL | 0.047 | 0.0943 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | N-Nitrosodiphenylamine | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Ortho Phosphorus | 0.0086 | mg/L | | 0.002 | 0.005 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Parathion-Ethyl | | ug/L | <MDL | 0.042 | 0.0472 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Parathion-Methyl | | ug/L | <MDL | 0.034 | 0.0472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Pentachlorophenol | | ug/L | <MDL | 0.47 | 4.72 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | pH, Field | 7.2 | pH | | | |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Phenanthrene | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Phenol | | ug/L | <MDL | 0.047 | 0.0943 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Phorate | | ug/L | <MDL | 0.031 | 0.0472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Progesterone | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Pyrene | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Pyridine | | ug/L | <MDL | 0.94 | 2.36 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Sample Start Time | 1215 | hr | | | |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Sample Temperature, Field | 15.5 | deg C | | | |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Selenium, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.0005 | 0.0025 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Selenium, Total, ICP-MS | | mg/L | <MDL,H | 0.0005 | 0.0025 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Silver, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.000025 | 0.000125 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Silver, Total, ICP-MS | | mg/L | <MDL,H | 0.000025 | 0.000125 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Simazine | | ug/L | <MDL | 0.47 | 0.943 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Testosterone | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Thallium, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.00001 | 0.00005 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Thallium, Total, ICP-MS | | mg/L | <MDL,H | 0.00001 | 0.00005 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Total 4-Nonylphenol | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Total Suspended Solids | 0.7 | mg/L | <RDL | 0.5 | 1 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Toxaphene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Vanadium, Dissolved, ICP-MS | 0.000571 | mg/L | H | 0.000025 | 0.000125 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Vanadium, Total, ICP-MS | 0.000718 | mg/L | H | 0.000025 | 0.000125 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Vinclozolin | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Zinc, Dissolved, ICP-MS | 0.00168 | mg/L | H | 0.00015 | 0.00075 |
| SAMM_BRIDGE_116 | 9/15/2003 | L29488-9 | Zinc, Total, ICP-MS | 0.00105 | mg/L | H | 0.00015 | 0.00075 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | 1,2,4-Trichlorobenzene | | ug/L | <MDL,G | 0.005 | 0.01 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | 1,2-Dichlorobenzene | | ug/L | <MDL,G | 0.005 | 0.01 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | 1,2-Diphenylhydrazine | | ug/L | <MDL | 0.19 | 0.379 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | 1,3-Dichlorobenzene | | ug/L | <MDL,G | 0.005 | 0.01 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | 1,4-Dichlorobenzene | | ug/L | <MDL,G | 0.0025 | 0.005 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | 2,4,5-T | | ug/L | <MDL,H | 0.057 | 0.16 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | 2,4,5-TP (Silvex) | | ug/L | <MDL,H | 0.023 | 0.08 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | 2,4,5-Trichlorophenol | | ug/L | <MDL | 0.23 | 0.455 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | 2,4,6-Trichlorophenol | | ug/L | <MDL | 0.25 | 0.492 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | 2,4-D | | ug/L | <MDL,H | 0.03 | 0.08 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | 2,4-DB | | ug/L | <MDL,H | 0.058 | 0.16 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | 2,4-Dichlorophenol | | ug/L | <MDL | 0.3 | 0.606 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | 2,4-Dimethylphenol | | ug/L | <MDL,G | 0.13 | 0.265 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | 2,4-Dinitrophenol | | ug/L | <MDL | 0.25 | 0.505 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | 2,4-Dinitrotoluene | | ug/L | <MDL | 0.057 | 0.114 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | 2,6-Dinitrotoluene | | ug/L | <MDL | 0.19 | 0.379 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | 2-Chloronaphthalene | | ug/L | <MDL,G | 0.3 | 0.606 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | 2-Chlorophenol | | ug/L | <MDL | 0.15 | 0.303 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | 2-Methylnaphthalene | | ug/L | <MDL,G | 0.27 | 0.53 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | 2-Methylphenol | | ug/L | <MDL | 0.36 | 0.72 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | 2-Nitroaniline | | ug/L | <MDL | 0.13 | 0.253 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | 2-Nitrophenol | | ug/L | <MDL | 0.28 | 0.568 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | 3,3'-Dichlorobenzidine | | ug/L | <MDL | 0.051 | 0.101 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | 3-Methylphenol | | ug/L | <MDL,G | 0.051 | 0.101 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | 3-Nitroaniline | | ug/L | <MDL | 0.13 | 0.253 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | 4,4'-DDD | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | 4,4'-DDE | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | 4,4'-DDT | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | 4,6-Dinitro-O-Cresol | | ug/L | <MDL | 0.25 | 0.505 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | 4-Bromophenyl Phenyl Ether | | ug/L | <MDL | 0.17 | 0.341 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | 4-Chloro-3-Methylphenol | | ug/L | <MDL | 0.051 | 0.101 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | 4-Chloroaniline | | ug/L | <MDL,G | 0.051 | 0.101 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | 4-Chlorophenyl Phenyl Ether | | ug/L | <MDL,G | 0.25 | 0.492 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | 4-Methylphenol | | ug/L | <MDL | 0.3 | 0.606 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | 4-Nitroaniline | | ug/L | <MDL | 0.25 | 0.505 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | 4-Nitrophenol | | ug/L | <MDL | 0.25 | 0.505 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Acenaphthene | | ug/L | <MDL,G | 0.13 | 0.265 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Acenaphthylene | | ug/L | <MDL,G | 0.28 | 0.568 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Aldrin | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Alpha-BHC | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Aluminum, Dissolved, ICP-MS | 0.0044 | mg/L | <RDL | 0.002 | 0.01 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Aluminum, Total, ICP-MS | 0.0243 | mg/L | | 0.002 | 0.01 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Ammonia Nitrogen | 0.019 | mg/L | <RDL | 0.01 | 0.02 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Aniline | | ug/L | <MDL,G | 0.36 | 0.72 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Anthracene | | ug/L | <MDL | 0.076 | 0.152 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Antimony, Dissolved, ICP-MS | 6.79E-05 | mg/L | | 0.00001 | 0.00005 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Antimony, Total, ICP-MS | 6.22E-05 | mg/L | | 0.00001 | 0.00005 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Aroclor 1016 | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Aroclor 1221 | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Aroclor 1232 | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Aroclor 1242 | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Aroclor 1248 | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Aroclor 1254 | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Aroclor 1260 | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Arsenic, Dissolved, ICP-MS | 0.00134 | mg/L | | 0.0001 | 0.0005 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Arsenic, Total, ICP-MS | 0.0015 | mg/L | | 0.0001 | 0.0005 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Barium, Dissolved, ICP-MS | 0.00648 | mg/L | | 0.000025 | 0.000125 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Barium, Total, ICP-MS | 0.00728 | mg/L | | 0.0002 | 0.001 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Benzo(a)anthracene | | ug/L | <MDL | 0.038 | 0.0758 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Benzo(a)pyrene | | ug/L | <MDL | 0.057 | 0.114 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Benzo(b)fluoranthene | | ug/L | <MDL | 0.057 | 0.114 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Benzo(g,h,i)perylene | | ug/L | <MDL | 0.15 | 0.303 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Benzo(k)fluoranthene | | ug/L | <MDL | 0.057 | 0.114 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Benzoic Acid | 1.67 | ug/L | G | 0.11 | 0.227 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Benzyl Alcohol | | ug/L | <MDL | 0.11 | 0.227 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Benzyl Butyl Phthalate | | ug/L | <MDL | 0.11 | 0.227 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Beryllium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Beryllium, Total, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Beta-BHC | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Bis(2-Chloroethoxy)Methane | | ug/L | <MDL | 0.32 | 0.644 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Bis(2-Chloroethyl)Ether | | ug/L | <MDL | 0.28 | 0.568 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Bis(2-Chloroisopropyl)Ether | | ug/L | <MDL | 0.28 | 0.568 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Bis(2-Ethylhexyl)Phthalate | 8.09 | ug/L | L | 0.13 | 0.265 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Cadmium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Cadmium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Caffeine | | ug/L | <MDL | 0.11 | 0.227 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Calcium, Dissolved, ICP | 12.6 | mg/L | | 0.05 | 0.25 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Calcium, Total, ICP | 12.6 | mg/L | | 0.05 | 0.25 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Carbazole | | ug/L | <MDL | 0.13 | 0.265 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Chlordane | | ug/L | <MDL | 0.013 | 0.025 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Chlorpyrifos | | ug/L | <MDL | 0.035 | 0.0515 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Chromium, Dissolved, ICP-MS | 0.000287 | mg/L | | 0.00005 | 0.00025 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Chromium, Total, ICP-MS | 0.000313 | mg/L | | 0.00005 | 0.00025 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Chrysene | | ug/L | <MDL | 0.076 | 0.152 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Cobalt, Dissolved, ICP-MS | 8.46E-05 | mg/L | | 0.00001 | 0.00005 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Cobalt, Total, ICP-MS | 9.71E-05 | mg/L | | 0.00001 | 0.00005 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Copper, Dissolved, ICP-MS | 0.0005 | mg/L | RDL | 0.0001 | 0.0005 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Copper, Total, ICP-MS | 0.000547 | mg/L | | 0.0001 | 0.0005 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Coprostanol | | ug/L | <MDL,G | 0.27 | 0.53 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Dalapon | | ug/L | <MDL,H | 0.012 | 0.08 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Delta-BHC | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Diazinon | | ug/L | <MDL | 0.044 | 0.0515 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Dibenzo(a,h)anthracene | | ug/L | <MDL | 0.13 | 0.265 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Dibenzofuran | | ug/L | <MDL,G | 0.27 | 0.53 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Dicamba | | ug/L | <MDL,H | 0.022 | 0.08 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Dichloroprop | | ug/L | <MDL,H | 0.011 | 0.08 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Dieldrin | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Diethyl Phthalate | | ug/L | <MDL | 0.11 | 0.227 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Dimethyl Phthalate | | ug/L | <MDL | 0.21 | 0.417 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Di-N-Butyl Phthalate | | ug/L | B,L | 1.2 | 0.189 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Di-N-Octyl Phthalate | | ug/L | <MDL | 0.15 | 0.303 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Dinoseb | | ug/L | <MDL,H | 0.029 | 0.08 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Disulfoton | | ug/L | <MDL | 0.028 | 0.0515 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Endosulfan I | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Endosulfan II | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Endosulfan Sulfate | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Endrin | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Endrin Aldehyde | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Enterococcus | 23 | CFU/100ml | | | |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Escherichia coli | 40 | CFU/100ml | | | |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Fecal Coliform | 41 | CFU/100ml | | | |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Fluoranthene | | ug/L | <MDL | 0.15 | 0.303 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Fluorene | | ug/L | <MDL | 0.25 | 0.492 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Fluoride | | mg/L | <MDL | 0.05 | 0.1 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Gamma-BHC (Lindane) | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Hardness, Calc | 57.1 | mg CaCO3/L | | 0.2 | 1.25 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Heptachlor | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Heptachlor Epoxide | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Hexachlorobenzene | | ug/L | <MDL | 0.013 | 0.0252 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Hexachlorobutadiene | | ug/L | <MDL,G | 0.014 | 0.0284 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Hexachlorocyclopentadiene | | ug/L | <MDL,G | 0.13 | 0.253 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Hexachloroethane | | ug/L | <MDL,G | 0.28 | 0.568 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Indeno(1,2,3-Cd)Pyrene | | ug/L | <MDL | 0.17 | 0.341 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Iron, Dissolved, ICP | 0.466 | mg/L | | 0.05 | 0.25 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Iron, Total, ICP | 0.725 | mg/L | | 0.05 | 0.25 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Isophorone | | ug/L | <MDL | 0.36 | 0.72 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Lead, Dissolved, ICP-MS | 0.000038 | mg/L | <RDL | 0.000025 | 0.000125 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Lead, Total, ICP-MS | 0.000063 | mg/L | <RDL | 0.000025 | 0.000125 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Magnesium, Dissolved, ICP | 6.24 | mg/L | | 0.03 | 0.15 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Magnesium, Total, ICP | 6.22 | mg/L | | 0.03 | 0.15 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Malathion | | ug/L | <MDL | 0.049 | 0.0515 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | MCPA | | ug/L | <MDL,H | 0.011 | 0.08 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | MCPP | | ug/L | <MDL,H | 0.013 | 0.08 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Mercury, Dissolved, CVAF | 7.41E-07 | mg/L | | 0.0000001 | 5E-07 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Mercury, Total, CVAF | 9.14E-07 | mg/L | | 0.0000001 | 5E-07 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Methoxychlor | | ug/L | <MDL | 0.013 | 0.025 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Molybdenum, Dissolved, ICP-MS | 0.000312 | mg/L | | 0.00001 | 0.00005 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Molybdenum, Total, ICP-MS | 0.000304 | mg/L | | 0.00001 | 0.00005 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Naphthalene | | ug/L | <MDL,G | 0.27 | 0.53 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Nickel, Dissolved, ICP-MS | 0.0012 | mg/L | | 0.00005 | 0.00025 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Nickel, Total, ICP-MS | 0.00123 | mg/L | | 0.00005 | 0.00025 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Nitrate Nitrogen | 0.128 | mg/L | | 0.02 | 0.04 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Nitrite + Nitrate Nitrogen | 0.128 | mg/L | | 0.02 | 0.04 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Nitrobenzene | | ug/L | <MDL,G | 0.3 | 0.606 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | N-Nitrosodimethylamine | | ug/L | <MDL | 0.38 | 0.758 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | N-Nitrosodi-N-Propylamine | | ug/L | <MDL | 0.17 | 0.341 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | N-Nitrosodiphenylamine | | ug/L | <MDL | 0.38 | 0.758 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Ortho Phosphorus | 0.00855 | mg/L | | 0.002 | 0.005 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Parathion-Ethyl | | ug/L | <MDL | 0.046 | 0.0515 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Parathion-Methyl | | ug/L | <MDL | 0.037 | 0.0515 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Pentachlorophenol | | ug/L | <MDL | 0.095 | 0.189 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Phenanthrene | | ug/L | <MDL | 0.076 | 0.152 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Phenol | | ug/L | <MDL | 0.17 | 0.341 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Phorate | | ug/L | <MDL | 0.034 | 0.0515 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Pyrene | | ug/L | <MDL | 0.076 | 0.152 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Pyridine | | ug/L | <MDL,G | 0.51 | 1.01 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Sample Start Time | | hr | | | |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Selenium, Dissolved, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Selenium, Total, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Silver, Dissolved, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Silver, Total, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Thallium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Thallium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Total Suspended Solids | 1.3 | mg/L | | 0.5 | 1 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Toxaphene | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Vanadium, Dissolved, ICP-MS | 0.000632 | mg/L | | 0.000025 | 0.000125 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Vanadium, Total, ICP-MS | 0.000786 | mg/L | | 0.000025 | 0.000125 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Zinc, Dissolved, ICP-MS | | mg/L | <RDL,B | 0.00255 | 0.00075 |
| SAMM_BRIDGE_145 | 9/4/2001 | L21953-6 | Zinc, Total, ICP-MS | 0.00066 | mg/L | <RDL | 0.00015 | 0.00075 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | 1,2,4-Trichlorobenzene | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | 1,2-Dichlorobenzene | | ug/L | <MDL | 0.005 | 0.01 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | 1,2-Diphenylhydrazine | | ug/L | <MDL | 0.05 | 0.1 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | 1,3-Dichlorobenzene | | ug/L | <MDL | 0.005 | 0.01 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | 1,4-Dichlorobenzene | | ug/L | <MDL | 0.005 | 0.01 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | 2,4,5-T | | ug/L | <MDL | 0.049 | 0.163 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | 2,4,5-TP (Silvex) | | ug/L | <MDL | 0.016 | 0.0813 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | 2,4,5-Trichlorophenol | | ug/L | <MDL | 0.05 | 0.25 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | 2,4,6-Trichlorophenol | | ug/L | <MDL | 0.05 | 0.25 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | 2,4-D | 0.154 | ug/L | | 0.038 | 0.122 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | 2,4-DB | | ug/L | <MDL | 0.044 | 0.122 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | 2,4-Dichlorophenol | | ug/L | <MDL | 0.025 | 0.25 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | 2,4-Dimethylphenol | | ug/L | <MDL | 0.025 | 0.25 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | 2,4-Dinitrophenol | | ug/L | <MDL | 0.25 | 2.5 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | 2,4-Dinitrotoluene | | ug/L | <MDL | 0.5 | 1 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | 2,6-Dinitrotoluene | | ug/L | <MDL | 0.5 | 1 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | 2-Chloronaphthalene | | ug/L | <MDL | 0.01 | 0.025 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | 2-Chlorophenol | | ug/L | <MDL | 0.01 | 0.025 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | 2-Methylnaphthalene | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | 2-Methylphenol | | ug/L | <MDL | 0.025 | 0.125 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | 2-Nitroaniline | | ug/L | <MDL | 0.5 | 1 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | 2-Nitrophenol | | ug/L | <MDL | 0.05 | 0.25 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | 3,3'-Dichlorobenzidine | | ug/L | <MDL | 0.05 | 0.1 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | 3-Methylphenol | | ug/L | <MDL | 0.025 | 0.125 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | 3-Nitroaniline | | ug/L | <MDL | 0.13 | 0.5 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | 4,4'-DDD | | ug/L | <MDL | 0.0012 | 0.00249 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | 4,4'-DDE | | ug/L | <MDL | 0.0012 | 0.00249 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | 4,4'-DDT | | ug/L | <MDL | 0.0012 | 0.00249 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | 4,6-Dinitro-O-Cresol | | ug/L | <MDL | 0.25 | 2.5 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | 4-Bromophenyl Phenyl Ether | | ug/L | <MDL | 0.05 | 0.1 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | 4-Chloro-3-Methylphenol | | ug/L | <MDL | 0.05 | 0.25 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | 4-Chloroaniline | | ug/L | <MDL | 0.025 | 0.125 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | 4-Chlorophenyl Phenyl Ether | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | 4-Methylphenol | | ug/L | <MDL | 0.025 | 0.125 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | 4-Nitroaniline | | ug/L | <MDL | 0.5 | 1 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | 4-Nitrophenol | | ug/L | <MDL | 0.25 | 2.5 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Acenaphthene | | ug/L | <MDL | 0.005 | 0.01 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Acenaphthylene | | ug/L | <MDL | 0.05 | 0.1 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Aldrin | | ug/L | <MDL | 0.0012 | 0.00249 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Alpha-BHC | | ug/L | <MDL | 0.00062 | 0.00124 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Alpha-Chlordane | | ug/L | <MDL | 0.00062 | 0.00124 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Aluminum, Dissolved, ICP-MS | 0.0055 | mg/L | <RDL | 0.002 | 0.01 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Aluminum, Total, ICP-MS | 0.0622 | mg/L | | 0.002 | 0.01 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Ammonia Nitrogen | 0.0569 | mg/L | | 0.01 | 0.02 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Aniline | | ug/L | <MDL | 0.05 | 0.1 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Anthracene | | ug/L | <MDL | 0.01 | 0.025 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Antimony, Dissolved, ICP-MS | 7.22E-05 | mg/L | | 0.00001 | 0.00005 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Antimony, Total, ICP-MS | 0.000071 | mg/L | | 0.00001 | 0.00005 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Aroclor 1016 | | ug/L | <MDL | 0.0062 | 0.0124 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Aroclor 1221 | | ug/L | <MDL | 0.012 | 0.0249 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Aroclor 1232 | | ug/L | <MDL | 0.012 | 0.0249 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Aroclor 1242 | | ug/L | <MDL | 0.0062 | 0.0124 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Aroclor 1248 | | ug/L | <MDL | 0.0062 | 0.0124 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Aroclor 1254 | | ug/L | <MDL | 0.0062 | 0.0124 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Aroclor 1260 | | ug/L | <MDL | 0.0062 | 0.0124 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Arsenic, Dissolved, ICP-MS | 0.00112 | mg/L | | 0.0001 | 0.0005 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Arsenic, Total, ICP-MS | 0.0013 | mg/L | | 0.0001 | 0.0005 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Atrazine | | ug/L | <MDL | 0.05 | 0.25 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Barium, Dissolved, ICP-MS | 0.00761 | mg/L | | 0.0002 | 0.001 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Barium, Total, ICP-MS | 0.00823 | mg/L | | 0.0002 | 0.001 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Benzidine | | ug/L | <MDL | 0.5 | 5 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Benzo(a)anthracene | | ug/L | <MDL | 0.005 | 0.01 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Benzo(a)pyrene | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Benzo(b)fluoranthene | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Benzo(g,h,i)perylene | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Benzo(k)fluoranthene | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Benzoic Acid | | ug/L | <MDL | 0.25 | 2.5 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Benzyl Alcohol | | ug/L | <MDL | 0.05 | 0.25 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Benzyl Butyl Phthalate | | ug/L | <RDL,B | 1.55 | 0.5 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Beryllium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Beryllium, Total, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Beta-BHC | | ug/L | <MDL | 0.00062 | 0.00124 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Bis(2-Chloroethoxy)Methane | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Bis(2-Chloroethyl)Ether | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Bis(2-Chloroisopropyl)Ether | | ug/L | <MDL | 0.01 | 0.025 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Bis(2-ethylhexyl)adipate | | ug/L | <RDL,B | 1.05 | 0.5 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Bis(2-Ethylhexyl)Phthalate | | ug/L | B | 2.25 | 0.05 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Bisphenol A | 0.25 | ug/L | <RDL | 0.13 | 0.5 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Cadmium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Cadmium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Caffeine | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Calcium, Dissolved, ICP | 13.1 | mg/L | | 0.05 | 0.25 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Calcium, Total, ICP | 12.6 | mg/L | | 0.05 | 0.25 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Carbazole | | ug/L | <MDL | 0.01 | 0.025 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Chlordecone (Kepone) | | ug/L | <MDL | 0.13 | 0.5 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Chlorpyrifos | | ug/L | <MDL | 0.032 | 0.0472 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Chromium, Dissolved, ICP-MS | 0.000272 | mg/L | | 0.00005 | 0.00025 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Chromium, Total, ICP-MS | 0.00044 | mg/L | | 0.00005 | 0.00025 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Chrysene | | ug/L | <MDL | 0.01 | 0.025 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Cobalt, Dissolved, ICP-MS | 7.12E-05 | mg/L | | 0.00001 | 0.00005 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Conductivity, Field | 155 | umhos/cm | | | |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Copper, Dissolved, ICP-MS | 0.000539 | mg/L | | 0.0001 | 0.0005 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Copper, Total, ICP-MS | 0.00062 | mg/L | | 0.0001 | 0.0005 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Coprostanol | | ug/L | <MDL | 1.3 | 10 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Dalapon | | ug/L | <MDL | 0.048 | 0.163 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Delta-BHC | | ug/L | <MDL | 0.00062 | 0.00124 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Diazinon | | ug/L | <MDL | 0.041 | 0.0472 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Diazinon | | ug/L | <MDL | 0.05 | 0.25 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Dibenzo(a,h)anthracene | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Dibenzofuran | | ug/L | <MDL | 0.01 | 0.025 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Dicamba | | ug/L | <MDL | 0.04 | 0.122 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Dichloroprop | | ug/L | <MDL | 0.016 | 0.0813 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Dieldrin | | ug/L | <MDL | 0.0012 | 0.00249 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Diethyl Phthalate | 0.107 | ug/L | | 0.025 | 0.1 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Dimethyl Phthalate | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Di-N-Butyl Phthalate | | ug/L | B | 1.15 | 0.25 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Di-N-Octyl Phthalate | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Dinoseb | | ug/L | <MDL | 0.047 | 0.163 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Dissolved Oxygen, Field | 7.8 | mg/L | | | |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Disulfoton | | ug/L | <MDL | 0.025 | 0.0472 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Endosulfan I | | ug/L | <MDL | 0.0012 | 0.00249 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Endosulfan II | | ug/L | <MDL | 0.0012 | 0.00249 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Endosulfan Sulfate | | ug/L | <MDL | 0.0012 | 0.00249 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Endrin | | ug/L | <MDL | 0.0012 | 0.00249 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Endrin Aldehyde | | ug/L | <MDL | 0.0025 | 0.00498 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Enterococcus | 32 | CFU/100ml | | | |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Escherichia coli | 54 | CFU/100ml | | | |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Estradiol | | ug/L | <MDL | 0.13 | 0.5 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Estrone | | ug/L | <MDL | 0.13 | 0.5 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Ethynyl estradiol | | ug/L | <MDL | 0.13 | 0.5 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Fecal Coliform | 48 | CFU/100ml | | | |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Fluoranthene | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Fluorene | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Fluoride | 0.0487 | mg/L | | 0.02 | 0.04 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Gamma-BHC (Lindane) | | ug/L | <MDL | 0.00062 | 0.00124 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Gamma-Chlordane | | ug/L | <MDL | 0.00062 | 0.00124 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Hardness, Calc | 62.3 | mg CaCO3/L | | 0.2 | 1.25 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Heptachlor | | ug/L | <MDL | 0.00062 | 0.00124 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Heptachlor Epoxide | | ug/L | <MDL | 0.00062 | 0.00124 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Hexachlorobenzene | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Hexachlorobutadiene | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Hexachlorocyclopentadiene | | ug/L | <MDL | 0.05 | 0.5 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Hexachloroethane | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Indeno(1,2,3-Cd)Pyrene | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Iron, Dissolved, ICP | 0.328 | mg/L | | 0.05 | 0.25 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Iron, Total, ICP | 0.588 | mg/L | | 0.05 | 0.25 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Isophorone | | ug/L | <MDL | 0.25 | 0.05 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Lead, Dissolved, ICP-MS | 0.000033 | mg/L | <RDL | 0.000025 | 0.000125 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Lead, Total, ICP-MS | 0.00012 | mg/L | <RDL | 0.000025 | 0.000125 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Magnesium, Dissolved, ICP | 7.49 | mg/L | | 0.03 | 0.15 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Magnesium, Total, ICP | 7.45 | mg/L | | 0.03 | 0.15 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Malathion | | ug/L | <MDL | 0.045 | 0.0472 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | MCPA | | ug/L | <MDL | 0.023 | 0.0813 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | MCPP | | ug/L | <MDL | 0.03 | 0.0813 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Mercury, Dissolved, CVAF | 5.37E-07 | mg/L | | 0.0000001 | 5E-07 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Mercury, Total, CVAF | 9.76E-07 | mg/L | | 0.0000001 | 5E-07 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Methoxychlor | | ug/L | <MDL | 0.0062 | 0.0124 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Methyltestosterone | | ug/L | <MDL | 0.13 | 0.5 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Molybdenum, Dissolved, ICP-MS | 0.000293 | mg/L | | 0.00001 | 0.00005 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Molybdenum, Total, ICP-MS | 0.000298 | mg/L | | 0.00001 | 0.00005 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Naphthalene | | ug/L | <MDL | 0.01 | 0.025 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Nickel, Dissolved, ICP-MS | 0.00102 | mg/L | | 0.00005 | 0.00025 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Nickel, Total, ICP-MS | 0.00118 | mg/L | | 0.00005 | 0.00025 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Nitrate Nitrogen | 0.383 | mg/L | | 0.02 | 0.04 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Nitrite + Nitrate Nitrogen | 0.383 | mg/L | | 0.02 | 0.04 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Nitrobenzene | | ug/L | <MDL | 0.05 | 0.1 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | N-Nitrosodimethylamine | | ug/L | <MDL | 0.05 | 0.125 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | N-Nitrosodi-N-Propylamine | | ug/L | <MDL | 0.05 | 0.1 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | N-Nitrosodiphenylamine | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Ortho Phosphorus | 0.0202 | mg/L | | 0.002 | 0.005 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Parathion-Ethyl | | ug/L | <MDL | 0.042 | 0.0472 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Parathion-Methyl | | ug/L | <MDL | 0.034 | 0.0472 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Pentachlorophenol | | ug/L | <MDL | 0.13 | 1 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | pH, Field | 6.7 | pH | | | |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Phenanthrene | | ug/L | <MDL | 0.01 | 0.025 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Phenol | | ug/L | B | 0.09 | 0.01 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Phorate | | ug/L | <MDL | 0.031 | 0.0472 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Progesterone | | ug/L | <MDL | 0.13 | 0.5 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Pyrene | | ug/L | <MDL | 0.01 | 0.025 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Pyridine | | ug/L | <MDL | 0.5 | 1 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Sample Temperature, Field | 14.2 | deg C | | | |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Selenium, Dissolved, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Selenium, Total, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Silver, Dissolved, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Silver, Total, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Simazine | | ug/L | <MDL | 0.05 | 0.25 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Testosterone | | ug/L | <MDL | 0.13 | 0.5 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Thallium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Thallium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Total 4-Nonylphenol | 0.28 | ug/L | <RDL | 0.13 | 0.5 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Total Suspended Solids | 2 | mg/L | RDL | 1 | 2 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Toxaphene | | ug/L | <MDL | 0.012 | 0.0249 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Vanadium, Dissolved, ICP-MS | 0.00069 | mg/L | | 0.000025 | 0.000125 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Vanadium, Total, ICP-MS | 0.000863 | mg/L | | 0.000025 | 0.000125 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Vinclozolin | | ug/L | <MDL | 0.13 | 0.5 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Zinc, Dissolved, ICP-MS | | mg/L | B | 0.00545 | 0.00075 |
| SAMM_BRIDGE_145 | 10/7/2002 | L25875-6 | Zinc, Total, ICP-MS | 0.00109 | mg/L | | 0.00015 | 0.00075 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | 1,2,4-Trichlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | 1,2-Dichlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | 1,2-Diphenylhydrazine | | ug/L | <MDL | 0.047 | 0.0943 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | 1,3-Dichlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | 1,4-Dichlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | 2,4,5-T | | ug/L | <MDL | 0.043 | 0.12 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | 2,4,5-TP (Silvex) | | ug/L | <MDL | 0.046 | 0.16 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | 2,4,5-Trichlorophenol | | ug/L | <MDL | 0.24 | 0.943 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | 2,4,6-Trichlorophenol | | ug/L | <MDL | 0.24 | 0.943 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | 2,4-D | | ug/L | <MDL | 0.016 | 0.08 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | 2,4-DB | | ug/L | <MDL | 0.022 | 0.08 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | 2,4-Dichlorophenol | | ug/L | <MDL | 0.024 | 0.236 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | 2,4-Dimethylphenol | | ug/L | <MDL | 0.024 | 0.236 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | 2,4-Dinitrophenol | | ug/L | <MDL | 0.24 | 2.36 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | 2,4-Dinitrotoluene | | ug/L | <MDL | 0.47 | 0.943 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | 2,6-Dinitrotoluene | | ug/L | <MDL | 0.47 | 0.943 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | 2-Chloronaphthalene | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | 2-Chlorophenol | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | 2-Methylnaphthalene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | 2-Methylphenol | | ug/L | <MDL | 0.024 | 0.118 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | 2-Nitroaniline | | ug/L | <MDL | 0.47 | 0.943 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | 2-Nitrophenol | | ug/L | <MDL | 0.094 | 0.236 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | 3,3'-Dichlorobenzidine | | ug/L | <MDL | 0.047 | 0.0943 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | 3-Methylphenol | | ug/L | <MDL | 0.024 | 0.118 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | 3-Nitroaniline | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | 4,4'-DDD | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | 4,4'-DDE | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | 4,4'-DDT | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | 4,6-Dinitro-O-Cresol | | ug/L | <MDL | 0.24 | 2.36 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | 4-Bromophenyl Phenyl Ether | | ug/L | <MDL | 0.047 | 0.0943 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | 4-Chloro-3-Methylphenol | | ug/L | <MDL | 0.24 | 0.943 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | 4-Chloroaniline | | ug/L | <MDL | 0.024 | 0.118 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | 4-Chlorophenyl Phenyl Ether | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | 4-Methylphenol | | ug/L | <MDL | 0.024 | 0.118 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | 4-Nitroaniline | | ug/L | <MDL | 0.47 | 0.943 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | 4-Nitrophenol | | ug/L | <MDL | 0.24 | 2.36 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Acenaphthene | | ug/L | <MDL | 0.0047 | 0.00943 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Acenaphthylene | | ug/L | <MDL | 0.047 | 0.0943 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Aldrin | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Alpha-BHC | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Alpha-Chlordane | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Aluminum, Dissolved, ICP-MS | 0.0036 | mg/L | <RDL | 0.002 | 0.01 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Aluminum, Total, ICP-MS | 0.0204 | mg/L | | 0.002 | 0.01 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Ammonia Nitrogen | 0.017 | mg/L | <RDL | 0.01 | 0.02 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Aniline | | ug/L | <MDL | 0.94 | 2.36 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Anthracene | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Antimony, Dissolved, ICP-MS | 8.24E-05 | mg/L | H | 0.00001 | 0.00005 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Antimony, Total, ICP-MS | 8.08E-05 | mg/L | H | 0.00001 | 0.00005 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Aroclor 1016 | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Aroclor 1221 | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Aroclor 1232 | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Aroclor 1242 | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Aroclor 1248 | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Aroclor 1254 | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Aroclor 1260 | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Arsenic, Dissolved, ICP-MS | 0.00127 | mg/L | H | 0.0001 | 0.0005 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Arsenic, Total, ICP-MS | 0.0014 | mg/L | H | 0.0001 | 0.0005 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Atrazine | | ug/L | <MDL | 0.47 | 0.943 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Barium, Dissolved, ICP-MS | 0.00683 | mg/L | H | 0.000025 | 0.000125 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Barium, Total, ICP-MS | 0.00699 | mg/L | H | 0.000025 | 0.000125 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Benzidine | | ug/L | <MDL | 0.94 | 4.72 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Benzo(a)anthracene | | ug/L | <MDL | 0.0047 | 0.00943 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Benzo(a)pyrene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Benzo(b)fluoranthene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Benzo(g,h,i)perylene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Benzo(k)fluoranthene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Benzoic Acid | | ug/L | <MDL | 0.24 | 2.36 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Benzyl Alcohol | | ug/L | <MDL | 0.047 | 0.236 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Benzyl Butyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Beryllium, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.00005 | 0.00025 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Beryllium, Total, ICP-MS | | mg/L | <MDL,H | 0.00005 | 0.00025 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Beta-BHC | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Bis(2-Chloroethoxy)Methane | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Bis(2-Chloroethyl)Ether | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Bis(2-Chloroisopropyl)Ether | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Bis(2-ethylhexyl)adipate | | ug/L | <RDL,B | 2.2 | 0.472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Bis(2-Ethylhexyl)Phthalate | | ug/L | B | 8.76 | 0.472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Bisphenol A | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Cadmium, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.00001 | 0.00005 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Cadmium, Total, ICP-MS | | mg/L | <MDL,H | 0.00001 | 0.00005 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Caffeine | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Calcium, Dissolved, ICP | 13.1 | mg/L | | 0.05 | 0.25 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Calcium, Total, ICP | 13.5 | mg/L | | 0.05 | 0.25 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Carbazole | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Chlordecone (Kepone) | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Chlorpyrifos | | ug/L | <MDL | 0.032 | 0.0472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Chromium, Dissolved, ICP-MS | 0.000299 | mg/L | H | 0.00005 | 0.00025 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Chromium, Total, ICP-MS | 0.000353 | mg/L | H | 0.00005 | 0.00025 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Chrysene | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Cobalt, Dissolved, ICP-MS | 5.53E-05 | mg/L | H | 0.00001 | 0.00005 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Cobalt, Total, ICP-MS | 6.82E-05 | mg/L | H | 0.00001 | 0.00005 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Conductivity, Field | 168 | umhos/cm | | | |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Copper, Dissolved, ICP-MS | 0.000646 | mg/L | H | 0.0001 | 0.0005 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Copper, Total, ICP-MS | 0.000679 | mg/L | H | 0.0001 | 0.0005 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Coprostanol | | ug/L | <MDL | 1.2 | 9.43 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Dalapon | | ug/L | <MDL | 0.047 | 0.16 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Delta-BHC | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Diazinon | | ug/L | <MDL | 0.047 | 0.236 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Diazinon | | ug/L | <MDL | 0.041 | 0.0472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Dibenzo(a,h)anthracene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Dibenzofuran | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Dicamba | | ug/L | <MDL | 0.039 | 0.12 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Dichloroprop | | ug/L | <MDL | 0.023 | 0.08 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Dieldrin | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Diethyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Dimethyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Di-N-Butyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Di-N-Octyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Dinoseb | | ug/L | <MDL | 0.03 | 0.08 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Dissolved Oxygen, Field | 8.3 | mg/L | | | |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Disulfoton | | ug/L | <MDL | 0.025 | 0.0472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Endosulfan I | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Endosulfan II | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Endosulfan Sulfate | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Endrin | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Endrin Aldehyde | | ug/L | <MDL | 0.0047 | 0.00943 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Enterococcus | 27 | CFU/100ml | | | |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Escherichia coli | 78 | CFU/100ml | | | |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Estradiol | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Estrone | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Ethynyl estradiol | | ug/L | <MDL | 0.12 | 0.472 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Fecal Coliform | 68 | CFU/100ml | | | |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Fluoranthene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Fluorene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Fluoride | 0.0439 | mg/L | | 0.02 | 0.04 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Gamma-BHC (Lindane) | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Gamma-Chlordane | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Hardness, Calc | 63.9 | mg CaCO3/L | | 0.2 | 1.25 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Heptachlor | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Heptachlor Epoxide | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Hexachlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Hexachlorobutadiene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Hexachlorocyclopentadiene | | ug/L | <MDL | 0.94 | 2.36 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Hexachloroethane | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Indeno(1,2,3-Cd)Pyrene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Iron, Dissolved, ICP | 0.383 | mg/L | | 0.05 | 0.25 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Iron, Total, ICP | 0.598 | mg/L | | 0.05 | 0.25 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Isophorone | | ug/L | <MDL | 0.24 | 0.0472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Lead, Dissolved, ICP-MS | 0.000031 | mg/L | <RDL,H | 0.000025 | 0.000125 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Lead, Total, ICP-MS | 0.000073 | mg/L | <RDL,H | 0.000025 | 0.000125 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Magnesium, Dissolved, ICP | 7.26 | mg/L | | 0.03 | 0.15 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Magnesium, Total, ICP | 7.33 | mg/L | | 0.03 | 0.15 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Malathion | | ug/L | <MDL | 0.045 | 0.0472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | MCPA | | ug/L | <MDL | 0.038 | 0.12 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | MCPP | | ug/L | <MDL | 0.016 | 0.08 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Mercury, Dissolved, CVAF | 4.8E-07 | mg/L | <RDL | 0.0000002 | 5E-07 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Mercury, Total, CVAF | 7.44E-07 | mg/L | | 0.0000002 | 5E-07 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Methoxychlor | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Methyltestosterone | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Molybdenum, Dissolved, ICP-MS | 0.000369 | mg/L | H | 0.00001 | 0.00005 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Molybdenum, Total, ICP-MS | 0.000367 | mg/L | H | 0.00001 | 0.00005 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Naphthalene | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Nickel, Dissolved, ICP-MS | 0.00126 | mg/L | H | 0.00005 | 0.00025 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Nickel, Total, ICP-MS | 0.00127 | mg/L | H | 0.00005 | 0.00025 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Nitrate Nitrogen | 0.143 | mg/L | | 0.02 | 0.04 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Nitrite + Nitrate Nitrogen | 0.149 | mg/L | | 0.02 | 0.04 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Nitrobenzene | | ug/L | <MDL | 0.047 | 0.0943 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | N-Nitrosodimethylamine | | ug/L | <MDL | 0.047 | 0.118 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | N-Nitrosodi-N-Propylamine | | ug/L | <MDL | 0.047 | 0.0943 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | N-Nitrosodiphenylamine | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Ortho Phosphorus | 0.00989 | mg/L | | 0.002 | 0.005 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Parathion-Ethyl | | ug/L | <MDL | 0.042 | 0.0472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Parathion-Methyl | | ug/L | <MDL | 0.034 | 0.0472 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Pentachlorophenol | | ug/L | <MDL | 0.47 | 4.72 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | pH, Field | 7.1 | pH | | | |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Phenanthrene | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Phenol | | ug/L | <MDL | 0.047 | 0.0943 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Phorate | | ug/L | <MDL | 0.031 | 0.0472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Progesterone | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Pyrene | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Pyridine | | ug/L | <MDL | 0.94 | 2.36 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Sample Start Time | 1135 | hr | | | |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Sample Temperature, Field | 15 | deg C | | | |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Selenium, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.0005 | 0.0025 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Selenium, Total, ICP-MS | | mg/L | <MDL,H | 0.0005 | 0.0025 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Silver, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.000025 | 0.000125 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Silver, Total, ICP-MS | | mg/L | <MDL,H | 0.000025 | 0.000125 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Simazine | | ug/L | <MDL | 0.47 | 0.943 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Testosterone | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Thallium, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.00001 | 0.00005 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Thallium, Total, ICP-MS | | mg/L | <MDL,H | 0.00001 | 0.00005 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Total 4-Nonylphenol | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Total Suspended Solids | 0.7 | mg/L | <RDL | 0.5 | 1 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Toxaphene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Vanadium, Dissolved, ICP-MS | 0.000607 | mg/L | H | 0.000025 | 0.000125 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Vanadium, Total, ICP-MS | 0.000748 | mg/L | H | 0.000025 | 0.000125 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Vinclozolin | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Zinc, Dissolved, ICP-MS | 0.000929 | mg/L | H | 0.00015 | 0.00075 |
| SAMM_BRIDGE_145 | 9/15/2003 | L29488-6 | Zinc, Total, ICP-MS | 0.000862 | mg/L | H | 0.00015 | 0.00075 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | 1,2,4-Trichlorobenzene | | ug/L | <MDL,G | 0.005 | 0.00994 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | 1,2-Dichlorobenzene | | ug/L | <MDL,G | 0.005 | 0.00994 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | 1,2-Diphenylhydrazine | | ug/L | <MDL | 0.19 | 0.375 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | 1,3-Dichlorobenzene | | ug/L | <MDL,G | 0.005 | 0.00994 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | 1,4-Dichlorobenzene | | ug/L | <MDL,G | 0.0025 | 0.00495 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | 2,4,5-T | 0.064 | ug/L | <RDL,H | 0.057 | 0.16 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | 2,4,5-TP (Silvex) | 0.064 | ug/L | <RDL,H | 0.023 | 0.08 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | 2,4,5-Trichlorophenol | | ug/L | <MDL | 0.23 | 0.45 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | 2,4,6-Trichlorophenol | | ug/L | <MDL | 0.24 | 0.488 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | 2,4-D | 0.14 | ug/L | H | 0.03 | 0.08 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | 2,4-DB | | ug/L | <MDL,H | 0.058 | 0.16 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | 2,4-Dichlorophenol | | ug/L | <MDL | 0.3 | 0.6 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | 2,4-Dimethylphenol | | ug/L | <MDL,G | 0.13 | 0.263 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | 2,4-Dinitrophenol | | ug/L | <MDL | 0.25 | 0.5 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | 2,4-Dinitrotoluene | | ug/L | <MDL | 0.056 | 0.113 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | 2,6-Dinitrotoluene | | ug/L | <MDL | 0.19 | 0.375 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | 2-Chloronaphthalene | | ug/L | <MDL,G | 0.3 | 0.6 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | 2-Chlorophenol | | ug/L | <MDL | 0.15 | 0.3 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | 2-Methylnaphthalene | | ug/L | <MDL,G | 0.26 | 0.525 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | 2-Methylphenol | | ug/L | <MDL | 0.36 | 0.713 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | 2-Nitroaniline | | ug/L | <MDL | 0.13 | 0.25 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | 2-Nitrophenol | | ug/L | <MDL | 0.28 | 0.563 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | 3,3'-Dichlorobenzidine | | ug/L | <MDL | 0.05 | 0.1 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | 3-Methylphenol | | ug/L | <MDL,G | 0.05 | 0.1 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | 3-Nitroaniline | | ug/L | <MDL | 0.13 | 0.25 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | 4,4'-DDD | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | 4,4'-DDE | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | 4,4'-DDT | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | 4,6-Dinitro-O-Cresol | | ug/L | <MDL | 0.25 | 0.5 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | 4-Bromophenyl Phenyl Ether | | ug/L | <MDL | 0.17 | 0.338 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | 4-Chloro-3-Methylphenol | | ug/L | <MDL | 0.05 | 0.1 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | 4-Chloroaniline | | ug/L | <MDL,G | 0.05 | 0.1 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | 4-Chlorophenyl Phenyl Ether | | ug/L | <MDL,G | 0.24 | 0.488 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | 4-Methylphenol | | ug/L | <MDL | 0.3 | 0.6 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | 4-Nitroaniline | | ug/L | <MDL | 0.25 | 0.5 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | 4-Nitrophenol | | ug/L | <MDL | 0.25 | 0.5 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Acenaphthene | | ug/L | <MDL,G | 0.13 | 0.263 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Acenaphthylene | | ug/L | <MDL,G | 0.28 | 0.563 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Aldrin | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Alpha-BHC | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Aluminum, Dissolved, ICP-MS | 0.0038 | mg/L | <RDL | 0.002 | 0.01 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Aluminum, Total, ICP-MS | 0.0277 | mg/L | | 0.002 | 0.01 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Ammonia Nitrogen | 0.016 | mg/L | <RDL | 0.01 | 0.02 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Aniline | | ug/L | <MDL,G | 0.36 | 0.713 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Anthracene | | ug/L | <MDL | 0.075 | 0.15 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Antimony, Dissolved, ICP-MS | 6.39E-05 | mg/L | | 0.00001 | 0.00005 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Antimony, Total, ICP-MS | 6.11E-05 | mg/L | | 0.00001 | 0.00005 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Aroclor 1016 | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Aroclor 1221 | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Aroclor 1232 | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Aroclor 1242 | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Aroclor 1248 | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Aroclor 1254 | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Aroclor 1260 | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Arsenic, Dissolved, ICP-MS | 0.0012 | mg/L | | 0.0001 | 0.0005 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Arsenic, Total, ICP-MS | 0.0013 | mg/L | | 0.0001 | 0.0005 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Barium, Dissolved, ICP-MS | 0.00507 | mg/L | | 0.000025 | 0.000125 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Barium, Total, ICP-MS | 0.00548 | mg/L | | 0.0002 | 0.001 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Benzo(a)anthracene | | ug/L | <MDL | 0.038 | 0.075 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Benzo(a)pyrene | | ug/L | <MDL | 0.056 | 0.113 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Benzo(b)fluoranthene | | ug/L | <MDL | 0.056 | 0.113 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Benzo(g,h,i)perylene | | ug/L | <MDL | 0.15 | 0.3 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Benzo(k)fluoranthene | | ug/L | <MDL | 0.056 | 0.113 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Benzoic Acid | 1.67 | ug/L | G | 0.11 | 0.225 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Benzyl Alcohol | | ug/L | <MDL | 0.11 | 0.225 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Benzyl Butyl Phthalate | | ug/L | <MDL | 0.11 | 0.225 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Beryllium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Beryllium, Total, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Beta-BHC | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Bis(2-Chloroethoxy)Methane | | ug/L | <MDL | 0.32 | 0.638 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Bis(2-Chloroethyl)Ether | | ug/L | <MDL | 0.28 | 0.563 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Bis(2-Chloroisopropyl)Ether | | ug/L | <MDL | 0.28 | 0.563 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Bis(2-Ethylhexyl)Phthalate | 10.1 | ug/L | L | 0.13 | 0.263 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Cadmium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Cadmium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Caffeine | 0.258 | ug/L | | 0.11 | 0.225 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Calcium, Dissolved, ICP | 11.3 | mg/L | | 0.05 | 0.25 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Calcium, Total, ICP | 11.4 | mg/L | | 0.05 | 0.25 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Carbazole | | ug/L | <MDL | 0.13 | 0.263 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Chlordane | | ug/L | <MDL | 0.013 | 0.025 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Chlorpyrifos | | ug/L | <MDL | 0.034 | 0.05 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Chromium, Dissolved, ICP-MS | 0.00018 | mg/L | <RDL | 0.00005 | 0.00025 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Chromium, Total, ICP-MS | 0.00024 | mg/L | <RDL | 0.00005 | 0.00025 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Chrysene | | ug/L | <MDL | 0.075 | 0.15 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Cobalt, Dissolved, ICP-MS | 5.24E-05 | mg/L | | 0.00001 | 0.00005 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Cobalt, Total, ICP-MS | 6.72E-05 | mg/L | | 0.00001 | 0.00005 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Copper, Dissolved, ICP-MS | 0.00045 | mg/L | <RDL | 0.0001 | 0.0005 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Copper, Total, ICP-MS | 0.00052 | mg/L | | 0.0001 | 0.0005 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Coprostanol | | ug/L | <MDL,G | 0.26 | 0.525 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Dalapon | | ug/L | <MDL,H | 0.012 | 0.08 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Delta-BHC | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Diazinon | | ug/L | <MDL | 0.043 | 0.05 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Dibenzo(a,h)anthracene | | ug/L | <MDL | 0.13 | 0.263 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Dibenzofuran | | ug/L | <MDL,G | 0.26 | 0.525 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Dicamba | | ug/L | <MDL,H | 0.022 | 0.08 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Dichloroprop | | ug/L | <MDL,H | 0.011 | 0.08 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Dieldrin | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Diethyl Phthalate | | ug/L | <MDL | 0.11 | 0.225 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Dimethyl Phthalate | | ug/L | <MDL | 0.21 | 0.413 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Di-N-Butyl Phthalate | | ug/L | B,L | 1.2 | 0.188 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Di-N-Octyl Phthalate | | ug/L | <MDL | 0.15 | 0.3 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Dinoseb | | ug/L | <MDL,H | 0.029 | 0.08 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Disulfoton | | ug/L | <MDL | 0.027 | 0.05 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Endosulfan I | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Endosulfan II | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Endosulfan Sulfate | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Endrin | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Endrin Aldehyde | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Enterococcus | 39 | CFU/100ml | | | |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Escherichia coli | 70 | CFU/100ml | | | |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Fecal Coliform | 88 | CFU/100ml | | | |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Fluoranthene | | ug/L | <MDL | 0.15 | 0.3 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Fluorene | | ug/L | <MDL | 0.24 | 0.488 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Fluoride | | mg/L | <MDL | 0.05 | 0.1 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Gamma-BHC (Lindane) | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Hardness, Calc | 51.1 | mg CaCO3/L | | 0.2 | 1.25 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Heptachlor | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Heptachlor Epoxide | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Hexachlorobenzene | | ug/L | <MDL | 0.012 | 0.0249 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Hexachlorobutadiene | | ug/L | <MDL,G | 0.014 | 0.0281 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Hexachlorocyclopentadiene | | ug/L | <MDL,G | 0.13 | 0.25 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Hexachloroethane | | ug/L | <MDL,G | 0.28 | 0.563 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Indeno(1,2,3-Cd)Pyrene | | ug/L | <MDL | 0.17 | 0.338 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Iron, Dissolved, ICP | 0.2 | mg/L | <RDL | 0.05 | 0.25 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Iron, Total, ICP | 0.337 | mg/L | | 0.05 | 0.25 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Isophorone | | ug/L | <MDL | 0.36 | 0.713 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Lead, Dissolved, ICP-MS | 0.000027 | mg/L | <RDL | 0.000025 | 0.000125 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Lead, Total, ICP-MS | 0.000059 | mg/L | <RDL | 0.000025 | 0.000125 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Magnesium, Dissolved, ICP | 5.49 | mg/L | | 0.03 | 0.15 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Magnesium, Total, ICP | 5.5 | mg/L | | 0.03 | 0.15 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Malathion | | ug/L | <MDL | 0.048 | 0.05 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | MCPA | | ug/L | <MDL,H | 0.011 | 0.08 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | MCPP | | ug/L | <MDL,H | 0.013 | 0.08 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Mercury, Dissolved, CVAF | 6.49E-07 | mg/L | | 0.0000001 | 5E-07 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Mercury, Total, CVAF | 1.23E-06 | mg/L | | 0.0000001 | 5E-07 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Methoxychlor | | ug/L | <MDL | 0.013 | 0.025 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Molybdenum, Dissolved, ICP-MS | 0.000217 | mg/L | | 0.00001 | 0.00005 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Molybdenum, Total, ICP-MS | 0.00022 | mg/L | | 0.00001 | 0.00005 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Naphthalene | | ug/L | <MDL,G | 0.26 | 0.525 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Nickel, Dissolved, ICP-MS | 0.000508 | mg/L | | 0.00005 | 0.00025 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Nickel, Total, ICP-MS | 0.000545 | mg/L | | 0.00005 | 0.00025 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Nitrate Nitrogen | 0.122 | mg/L | | 0.02 | 0.04 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Nitrite + Nitrate Nitrogen | 0.122 | mg/L | | 0.02 | 0.04 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Nitrobenzene | | ug/L | <MDL,G | 0.3 | 0.6 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | N-Nitrosodimethylamine | | ug/L | <MDL | 0.38 | 0.75 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | N-Nitrosodi-N-Propylamine | | ug/L | <MDL | 0.17 | 0.338 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | N-Nitrosodiphenylamine | | ug/L | <MDL | 0.38 | 0.75 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Ortho Phosphorus | 0.00856 | mg/L | | 0.002 | 0.005 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Parathion-Ethyl | | ug/L | <MDL | 0.045 | 0.05 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Parathion-Methyl | | ug/L | <MDL | 0.036 | 0.05 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Pentachlorophenol | | ug/L | <MDL | 0.094 | 0.188 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Phenanthrene | | ug/L | <MDL | 0.075 | 0.15 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Phenol | | ug/L | <MDL | 0.17 | 0.338 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Phorate | | ug/L | <MDL | 0.033 | 0.05 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Pyrene | | ug/L | <MDL | 0.075 | 0.15 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Pyridine | | ug/L | <MDL,G | 0.5 | 1 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Sample Start Time | | hr | | | |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Selenium, Dissolved, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Selenium, Total, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Silver, Dissolved, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Silver, Total, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Thallium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Thallium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Total Suspended Solids | 1.1 | mg/L | | 0.5 | 1 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Toxaphene | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Vanadium, Dissolved, ICP-MS | 0.000518 | mg/L | | 0.000025 | 0.000125 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Vanadium, Total, ICP-MS | 0.000631 | mg/L | | 0.000025 | 0.000125 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Zinc, Dissolved, ICP-MS | | mg/L | <RDL,B | 0.00255 | 0.00075 |
| SAMM_BRIDGE_90 | 9/4/2001 | L21953-10 | Zinc, Total, ICP-MS | 0.00067 | mg/L | <RDL | 0.00015 | 0.00075 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | 1,2,4-Trichlorobenzene | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | 1,2-Dichlorobenzene | | ug/L | <MDL | 0.0049 | 0.00971 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | 1,2-Diphenylhydrazine | | ug/L | <MDL | 0.049 | 0.0971 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | 1,3-Dichlorobenzene | | ug/L | <MDL | 0.0049 | 0.00971 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | 1,4-Dichlorobenzene | | ug/L | <MDL | 0.0049 | 0.00971 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | 2,4,5-T | | ug/L | <MDL | 0.049 | 0.164 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | 2,4,5-TP (Silvex) | | ug/L | <MDL | 0.017 | 0.082 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | 2,4,5-Trichlorophenol | | ug/L | <MDL | 0.049 | 0.243 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | 2,4,6-Trichlorophenol | | ug/L | <MDL | 0.049 | 0.243 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | 2,4-D | | ug/L | <MDL | 0.039 | 0.123 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | 2,4-DB | | ug/L | <MDL | 0.045 | 0.123 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | 2,4-Dichlorophenol | | ug/L | <MDL | 0.024 | 0.243 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | 2,4-Dimethylphenol | | ug/L | <MDL | 0.024 | 0.243 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | 2,4-Dinitrophenol | | ug/L | <MDL | 0.24 | 2.43 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | 2,4-Dinitrotoluene | | ug/L | <MDL | 0.49 | 0.971 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | 2,6-Dinitrotoluene | | ug/L | <MDL | 0.49 | 0.971 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | 2-Chloronaphthalene | | ug/L | <MDL | 0.0097 | 0.0243 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | 2-Chlorophenol | | ug/L | <MDL | 0.0097 | 0.0243 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | 2-Methylnaphthalene | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | 2-Methylphenol | | ug/L | <MDL | 0.024 | 0.121 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | 2-Nitroaniline | | ug/L | <MDL | 0.49 | 0.971 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | 2-Nitrophenol | | ug/L | <MDL | 0.049 | 0.243 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | 3,3'-Dichlorobenzidine | | ug/L | <MDL | 0.049 | 0.0971 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | 3-Methylphenol | | ug/L | <MDL | 0.024 | 0.121 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | 3-Nitroaniline | | ug/L | <MDL | 0.12 | 0.485 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | 4,4'-DDD | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | 4,4'-DDE | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | 4,4'-DDT | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | 4,6-Dinitro-O-Cresol | | ug/L | <MDL | 0.24 | 2.43 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | 4-Bromophenyl Phenyl Ether | | ug/L | <MDL | 0.049 | 0.0971 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | 4-Chloro-3-Methylphenol | | ug/L | <MDL | 0.049 | 0.243 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | 4-Chloroaniline | | ug/L | <MDL | 0.024 | 0.121 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | 4-Chlorophenyl Phenyl Ether | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | 4-Methylphenol | | ug/L | <MDL | 0.024 | 0.121 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | 4-Nitroaniline | | ug/L | <MDL | 0.49 | 0.971 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | 4-Nitrophenol | | ug/L | <MDL | 0.24 | 2.43 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Acenaphthene | | ug/L | <MDL | 0.0049 | 0.00971 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Acenaphthylene | | ug/L | <MDL | 0.049 | 0.0971 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Aldrin | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Alpha-BHC | | ug/L | <MDL | 0.00059 | 0.00118 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Alpha-Chlordane | | ug/L | <MDL | 0.00059 | 0.00118 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Aluminum, Dissolved, ICP-MS | 0.0059 | mg/L | <RDL | 0.002 | 0.01 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Aluminum, Total, ICP-MS | 0.0693 | mg/L | | 0.002 | 0.01 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Ammonia Nitrogen | 0.096 | mg/L | | 0.01 | 0.02 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Aniline | | ug/L | <MDL | 0.049 | 0.0971 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Anthracene | | ug/L | <MDL | 0.0097 | 0.0243 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Antimony, Dissolved, ICP-MS | 7.09E-05 | mg/L | | 0.00001 | 0.00005 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Antimony, Total, ICP-MS | 7.04E-05 | mg/L | | 0.00001 | 0.00005 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Aroclor 1016 | | ug/L | <MDL | 0.0059 | 0.0118 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Aroclor 1221 | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Aroclor 1232 | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Aroclor 1242 | | ug/L | <MDL | 0.0059 | 0.0118 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Aroclor 1248 | | ug/L | <MDL | 0.0059 | 0.0118 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Aroclor 1254 | | ug/L | <MDL | 0.0059 | 0.0118 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Aroclor 1260 | | ug/L | <MDL | 0.0059 | 0.0118 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Arsenic, Dissolved, ICP-MS | 0.00117 | mg/L | | 0.0001 | 0.0005 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Arsenic, Total, ICP-MS | 0.00127 | mg/L | | 0.0001 | 0.0005 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Atrazine | | ug/L | <MDL | 0.049 | 0.243 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Barium, Dissolved, ICP-MS | 0.00663 | mg/L | | 0.0002 | 0.001 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Barium, Total, ICP-MS | 0.00732 | mg/L | | 0.0002 | 0.001 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Benzidine | | ug/L | <MDL | 0.49 | 4.85 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Benzo(a)anthracene | | ug/L | <MDL | 0.0049 | 0.00971 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Benzo(a)pyrene | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Benzo(b)fluoranthene | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Benzo(g,h,i)perylene | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Benzo(k)fluoranthene | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Benzoic Acid | | ug/L | <MDL | 0.24 | 2.43 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Benzyl Alcohol | | ug/L | <MDL | 0.049 | 0.243 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Benzyl Butyl Phthalate | | ug/L | <RDL,B | 1.55 | 0.485 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Beryllium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Beryllium, Total, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Beta-BHC | | ug/L | <MDL | 0.00059 | 0.00118 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Bis(2-Chloroethoxy)Methane | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Bis(2-Chloroethyl)Ether | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Bis(2-Chloroisopropyl)Ether | | ug/L | <MDL | 0.0097 | 0.0243 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Bis(2-ethylhexyl)adipate | | ug/L | <RDL,B | 1.05 | 0.485 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Bis(2-Ethylhexyl)Phthalate | | ug/L | B | 2.25 | 0.0485 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Bisphenol A | | ug/L | <MDL | 0.12 | 0.485 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Cadmium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Cadmium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Caffeine | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Calcium, Dissolved, ICP | 11.5 | mg/L | | 0.05 | 0.25 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Calcium, Total, ICP | 11.2 | mg/L | | 0.05 | 0.25 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Carbazole | | ug/L | <MDL | 0.0097 | 0.0243 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Chlordecone (Kepone) | | ug/L | <MDL | 0.12 | 0.485 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Chlorpyrifos | | ug/L | <MDL | 0.032 | 0.0472 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Chromium, Dissolved, ICP-MS | 0.00019 | mg/L | <RDL | 0.00005 | 0.00025 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Chromium, Total, ICP-MS | 0.000355 | mg/L | | 0.00005 | 0.00025 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Chrysene | | ug/L | <MDL | 0.0097 | 0.0243 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Cobalt, Dissolved, ICP-MS | 5.13E-05 | mg/L | | 0.00001 | 0.00005 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Conductivity, Field | 134 | umhos/cm | | | |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Copper, Dissolved, ICP-MS | 0.000501 | mg/L | | 0.0001 | 0.0005 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Copper, Total, ICP-MS | 0.000579 | mg/L | | 0.0001 | 0.0005 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Coprostanol | | ug/L | <MDL | 1.2 | 9.71 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Dalapon | | ug/L | <MDL | 0.049 | 0.164 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Delta-BHC | | ug/L | <MDL | 0.00059 | 0.00118 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Diazinon | | ug/L | <MDL | 0.041 | 0.0472 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Diazinon | | ug/L | <MDL | 0.049 | 0.243 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Dibenzo(a,h)anthracene | | ug/L | <MDL | 0.024 | 0.0485 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Dibenzofuran | | ug/L | <MDL | 0.0097 | 0.0243 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Dicamba | | ug/L | <MDL | 0.04 | 0.123 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Dichloroprop | | ug/L | <MDL | 0.017 | 0.082 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Dieldrin | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Diethyl Phthalate | 0.122 | ug/L | | 0.024 | 0.0971 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Dimethyl Phthalate | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Di-N-Butyl Phthalate | | ug/L | B | 1.15 | 0.243 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Di-N-Octyl Phthalate | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Dinoseb | | ug/L | <MDL | 0.047 | 0.164 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Dissolved Oxygen, Field | 8.1 | mg/L | | | |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Disulfoton | | ug/L | <MDL | 0.025 | 0.0472 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Endosulfan I | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Endosulfan II | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Endosulfan Sulfate | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Endrin | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Endrin Aldehyde | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Enterococcus | 21 | CFU/100ml | | | |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Escherichia coli | 170 | CFU/100ml | | | |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Estradiol | | ug/L | <MDL | 0.12 | 0.485 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Estrone | | ug/L | <MDL | 0.12 | 0.485 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Ethynyl estradiol | | ug/L | <MDL | 0.12 | 0.485 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Fecal Coliform | 90 | CFU/100ml | | | |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Fluoranthene | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Fluorene | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Fluoride | 0.0449 | mg/L | | 0.02 | 0.04 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Gamma-BHC (Lindane) | | ug/L | <MDL | 0.00059 | 0.00118 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Gamma-Chlordane | | ug/L | <MDL | 0.00059 | 0.00118 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Hardness, Calc | 52.8 | mg CaCO3/L | | 0.2 | 1.25 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Heptachlor | | ug/L | <MDL | 0.00059 | 0.00118 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Heptachlor Epoxide | | ug/L | <MDL | 0.00059 | 0.00118 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Hexachlorobenzene | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Hexachlorobutadiene | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Hexachlorocyclopentadiene | | ug/L | <MDL | 0.049 | 0.485 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Hexachloroethane | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Indeno(1,2,3-Cd)Pyrene | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Iron, Dissolved, ICP | 0.18 | mg/L | <RDL | 0.05 | 0.25 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Iron, Total, ICP | 0.365 | mg/L | | 0.05 | 0.25 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Isophorone | | ug/L | <MDL | 0.24 | 0.0485 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Lead, Dissolved, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Lead, Total, ICP-MS | 0.000079 | mg/L | <RDL | 0.000025 | 0.000125 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Magnesium, Dissolved, ICP | 6.01 | mg/L | | 0.03 | 0.15 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Magnesium, Total, ICP | 6.01 | mg/L | | 0.03 | 0.15 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Malathion | | ug/L | <MDL | 0.045 | 0.0472 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | MCPA | | ug/L | <MDL | 0.023 | 0.082 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | MCPP | | ug/L | <MDL | 0.03 | 0.082 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Mercury, Dissolved, CVAF | 5.32E-07 | mg/L | | 0.0000001 | 5E-07 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Mercury, Total, CVAF | 9.37E-07 | mg/L | | 0.0000001 | 5E-07 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Methoxychlor | | ug/L | <MDL | 0.0059 | 0.0118 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Methyltestosterone | | ug/L | <MDL | 0.12 | 0.485 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Molybdenum, Dissolved, ICP-MS | 0.000219 | mg/L | | 0.00001 | 0.00005 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Molybdenum, Total, ICP-MS | 0.000217 | mg/L | | 0.00001 | 0.00005 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Naphthalene | | ug/L | <MDL | 0.0097 | 0.0243 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Nickel, Dissolved, ICP-MS | 0.000539 | mg/L | | 0.00005 | 0.00025 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Nickel, Total, ICP-MS | 0.000635 | mg/L | | 0.00005 | 0.00025 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Nitrate Nitrogen | 0.263 | mg/L | | 0.02 | 0.04 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Nitrite + Nitrate Nitrogen | 0.286 | mg/L | | 0.02 | 0.04 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Nitrobenzene | | ug/L | <MDL | 0.049 | 0.0971 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | N-Nitrosodimethylamine | | ug/L | <MDL | 0.049 | 0.121 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | N-Nitrosodi-N-Propylamine | | ug/L | <MDL | 0.049 | 0.0971 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | N-Nitrosodiphenylamine | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Ortho Phosphorus | 0.0147 | mg/L | | 0.002 | 0.005 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Parathion-Ethyl | | ug/L | <MDL | 0.042 | 0.0472 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Parathion-Methyl | | ug/L | <MDL | 0.034 | 0.0472 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Pentachlorophenol | | ug/L | <MDL | 0.12 | 0.971 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | pH, Field | 6.8 | pH | | | |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Phenanthrene | | ug/L | <MDL | 0.0097 | 0.0243 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Phenol | | ug/L | B | 0.09 | 0.00971 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Phorate | | ug/L | <MDL | 0.031 | 0.0472 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Progesterone | | ug/L | <MDL | 0.12 | 0.485 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Pyrene | | ug/L | <MDL | 0.0097 | 0.0243 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Pyridine | | ug/L | <MDL | 0.49 | 0.971 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Sample Temperature, Field | 14.1 | deg C | | | |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Selenium, Dissolved, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Selenium, Total, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Silver, Dissolved, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Silver, Total, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Simazine | | ug/L | <MDL | 0.049 | 0.243 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Testosterone | | ug/L | <MDL | 0.12 | 0.485 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Thallium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Thallium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Total 4-Nonylphenol | | ug/L | <MDL | 0.12 | 0.485 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Total Suspended Solids | 2.1 | mg/L | | 0.5 | 1 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Toxaphene | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Vanadium, Dissolved, ICP-MS | 0.000631 | mg/L | | 0.000025 | 0.000125 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Vanadium, Total, ICP-MS | 0.000823 | mg/L | | 0.000025 | 0.000125 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Vinclozolin | | ug/L | <MDL | 0.12 | 0.485 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Zinc, Dissolved, ICP-MS | | mg/L | B | 0.00545 | 0.00075 |
| SAMM_BRIDGE_90 | 10/8/2002 | L25875-10 | Zinc, Total, ICP-MS | 0.0007 | mg/L | <RDL | 0.00015 | 0.00075 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | 1,2,4-Trichlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | 1,2-Dichlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | 1,2-Diphenylhydrazine | | ug/L | <MDL | 0.047 | 0.0943 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | 1,3-Dichlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | 1,4-Dichlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | 2,4,5-T | | ug/L | <MDL | 0.043 | 0.12 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | 2,4,5-TP (Silvex) | | ug/L | <MDL | 0.046 | 0.16 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | 2,4,5-Trichlorophenol | | ug/L | <MDL | 0.24 | 0.943 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | 2,4,6-Trichlorophenol | | ug/L | <MDL | 0.24 | 0.943 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | 2,4-D | | ug/L | <MDL | 0.016 | 0.08 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | 2,4-DB | | ug/L | <MDL | 0.022 | 0.08 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | 2,4-Dichlorophenol | | ug/L | <MDL | 0.024 | 0.236 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | 2,4-Dimethylphenol | | ug/L | <MDL | 0.024 | 0.236 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | 2,4-Dinitrophenol | | ug/L | <MDL | 0.24 | 2.36 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | 2,4-Dinitrotoluene | | ug/L | <MDL | 0.47 | 0.943 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | 2,6-Dinitrotoluene | | ug/L | <MDL | 0.47 | 0.943 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | 2-Chloronaphthalene | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | 2-Chlorophenol | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | 2-Methylnaphthalene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | 2-Methylphenol | | ug/L | <MDL | 0.024 | 0.118 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | 2-Nitroaniline | | ug/L | <MDL | 0.47 | 0.943 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | 2-Nitrophenol | | ug/L | <MDL | 0.094 | 0.236 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | 3,3'-Dichlorobenzidine | | ug/L | <MDL | 0.047 | 0.0943 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | 3-Methylphenol | | ug/L | <MDL | 0.024 | 0.118 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | 3-Nitroaniline | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | 4,4'-DDD | | ug/L | <MDL | 0.0024 | 0.00474 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | 4,4'-DDE | | ug/L | <MDL | 0.0024 | 0.00474 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | 4,4'-DDT | | ug/L | <MDL | 0.0024 | 0.00474 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | 4,6-Dinitro-O-Cresol | | ug/L | <MDL | 0.24 | 2.36 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | 4-Bromophenyl Phenyl Ether | | ug/L | <MDL | 0.047 | 0.0943 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | 4-Chloro-3-Methylphenol | | ug/L | <MDL | 0.24 | 0.943 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | 4-Chloroaniline | | ug/L | <MDL | 0.024 | 0.118 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | 4-Chlorophenyl Phenyl Ether | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | 4-Methylphenol | | ug/L | <MDL | 0.024 | 0.118 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | 4-Nitroaniline | | ug/L | <MDL | 0.47 | 0.943 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | 4-Nitrophenol | | ug/L | <MDL | 0.24 | 2.36 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Acenaphthene | | ug/L | <MDL | 0.0047 | 0.00943 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Acenaphthylene | | ug/L | <MDL | 0.047 | 0.0943 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Aldrin | | ug/L | <MDL | 0.0024 | 0.00474 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Alpha-BHC | | ug/L | <MDL | 0.0012 | 0.00237 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Alpha-Chlordane | | ug/L | <MDL | 0.0012 | 0.00237 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Aluminum, Dissolved, ICP-MS | 0.0035 | mg/L | <RDL | 0.002 | 0.01 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Aluminum, Total, ICP-MS | 0.033 | mg/L | | 0.002 | 0.01 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Ammonia Nitrogen | 0.014 | mg/L | <RDL | 0.01 | 0.02 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Aniline | | ug/L | <MDL | 0.94 | 2.36 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Anthracene | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Antimony, Dissolved, ICP-MS | 0.000075 | mg/L | H | 0.00001 | 0.00005 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Antimony, Total, ICP-MS | 7.16E-05 | mg/L | H | 0.00001 | 0.00005 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Aroclor 1016 | | ug/L | <MDL | 0.012 | 0.0237 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Aroclor 1221 | | ug/L | <MDL | 0.024 | 0.0474 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Aroclor 1232 | | ug/L | <MDL | 0.024 | 0.0474 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Aroclor 1242 | | ug/L | <MDL | 0.012 | 0.0237 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Aroclor 1248 | | ug/L | <MDL | 0.012 | 0.0237 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Aroclor 1254 | | ug/L | <MDL | 0.012 | 0.0237 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Aroclor 1260 | | ug/L | <MDL | 0.012 | 0.0237 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Arsenic, Dissolved, ICP-MS | 0.00124 | mg/L | H | 0.0001 | 0.0005 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Arsenic, Total, ICP-MS | 0.00136 | mg/L | H | 0.0001 | 0.0005 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Atrazine | | ug/L | <MDL | 0.47 | 0.943 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Barium, Dissolved, ICP-MS | 0.00606 | mg/L | H | 0.000025 | 0.000125 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Barium, Total, ICP-MS | 0.0063 | mg/L | H | 0.000025 | 0.000125 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Benzidine | | ug/L | <MDL | 0.94 | 4.72 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Benzo(a)anthracene | | ug/L | <MDL | 0.0047 | 0.00943 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Benzo(a)pyrene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Benzo(b)fluoranthene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Benzo(g,h,i)perylene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Benzo(k)fluoranthene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Benzoic Acid | | ug/L | <MDL | 0.24 | 2.36 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Benzyl Alcohol | | ug/L | <MDL | 0.047 | 0.236 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Benzyl Butyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Beryllium, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.00005 | 0.00025 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Beryllium, Total, ICP-MS | | mg/L | <MDL,H | 0.00005 | 0.00025 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Beta-BHC | | ug/L | <MDL | 0.0012 | 0.00237 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Bis(2-Chloroethoxy)Methane | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Bis(2-Chloroethyl)Ether | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Bis(2-Chloroisopropyl)Ether | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Bis(2-ethylhexyl)adipate | | ug/L | <RDL,B | 2.2 | 0.472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Bis(2-Ethylhexyl)Phthalate | | ug/L | B | 8.76 | 0.472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Bisphenol A | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Cadmium, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.00001 | 0.00005 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Cadmium, Total, ICP-MS | | mg/L | <MDL,H | 0.00001 | 0.00005 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Caffeine | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Calcium, Dissolved, ICP | 11.9 | mg/L | | 0.05 | 0.25 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Calcium, Total, ICP | 11.7 | mg/L | | 0.05 | 0.25 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Carbazole | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Chlordecone (Kepone) | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Chlorpyrifos | | ug/L | <MDL | 0.032 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Chromium, Dissolved, ICP-MS | 0.0002 | mg/L | <RDL,H | 0.00005 | 0.00025 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Chromium, Total, ICP-MS | 0.000253 | mg/L | H | 0.00005 | 0.00025 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Chrysene | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Cobalt, Dissolved, ICP-MS | 0.000049 | mg/L | <RDL,H | 0.00001 | 0.00005 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Cobalt, Total, ICP-MS | 6.36E-05 | mg/L | H | 0.00001 | 0.00005 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Conductivity, Field | 143 | umhos/cm | | | |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Copper, Dissolved, ICP-MS | 0.000551 | mg/L | H | 0.0001 | 0.0005 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Copper, Total, ICP-MS | 0.000629 | mg/L | H | 0.0001 | 0.0005 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Coprostanol | | ug/L | <MDL | 1.2 | 9.43 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Dalapon | | ug/L | <MDL | 0.047 | 0.16 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Delta-BHC | | ug/L | <MDL | 0.0012 | 0.00237 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Diazinon | | ug/L | <MDL | 0.047 | 0.236 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Diazinon | | ug/L | <MDL | 0.041 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Dibenzo(a,h)anthracene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Dibenzofuran | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Dicamba | | ug/L | <MDL | 0.039 | 0.12 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Dichloroprop | | ug/L | <MDL | 0.023 | 0.08 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Dieldrin | | ug/L | <MDL | 0.0024 | 0.00474 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Diethyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Dimethyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Di-N-Butyl Phthalate | 0.31 | ug/L | <RDL | 0.24 | 0.472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Di-N-Octyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Dinoseb | | ug/L | <MDL | 0.03 | 0.08 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Dissolved Oxygen, Field | 9.4 | mg/L | | | |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Disulfoton | | ug/L | <MDL | 0.025 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Endosulfan I | | ug/L | <MDL | 0.0024 | 0.00474 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Endosulfan II | | ug/L | <MDL | 0.0024 | 0.00474 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Endosulfan Sulfate | | ug/L | <MDL | 0.0024 | 0.00474 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Endrin | | ug/L | <MDL | 0.0024 | 0.00474 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Endrin Aldehyde | | ug/L | <MDL | 0.0047 | 0.00948 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Enterococcus | 54 | CFU/100ml | | | |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Escherichia coli | 120 | CFU/100ml | | | |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Estradiol | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Estrone | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Ethynyl estradiol | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Fecal Coliform | 100 | CFU/100ml | | | |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Fluoranthene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Fluorene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Fluoride | 0.0434 | mg/L | | 0.02 | 0.04 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Gamma-BHC (Lindane) | | ug/L | <MDL | 0.0012 | 0.00237 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Gamma-Chlordane | | ug/L | <MDL | 0.0012 | 0.00237 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Hardness, Calc | 54.9 | mg CaCO3/L | | 0.2 | 1.25 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Heptachlor | | ug/L | <MDL | 0.0012 | 0.00237 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Heptachlor Epoxide | | ug/L | <MDL | 0.0012 | 0.00237 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Hexachlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Hexachlorobutadiene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Hexachlorocyclopentadiene | | ug/L | <MDL | 0.94 | 2.36 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Hexachloroethane | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Indeno(1,2,3-Cd)Pyrene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Iron, Dissolved, ICP | 0.25 | mg/L | RDL | 0.05 | 0.25 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Iron, Total, ICP | 0.385 | mg/L | | 0.05 | 0.25 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Isophorone | | ug/L | <MDL | 0.24 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Lead, Dissolved, ICP-MS | 0.000026 | mg/L | <RDL,H | 0.000025 | 0.000125 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Lead, Total, ICP-MS | 0.000075 | mg/L | <RDL,H | 0.000025 | 0.000125 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Magnesium, Dissolved, ICP | 6.11 | mg/L | | 0.03 | 0.15 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Magnesium, Total, ICP | 6.22 | mg/L | | 0.03 | 0.15 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Malathion | | ug/L | <MDL | 0.045 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | MCPA | | ug/L | <MDL | 0.038 | 0.12 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | MCPP | | ug/L | <MDL | 0.016 | 0.08 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Mercury, Dissolved, CVAF | 5.98E-07 | mg/L | | 0.0000002 | 5E-07 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Mercury, Total, CVAF | 8.49E-07 | mg/L | | 0.0000002 | 5E-07 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Methoxychlor | | ug/L | <MDL | 0.012 | 0.0237 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Methyltestosterone | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Molybdenum, Dissolved, ICP-MS | 0.000256 | mg/L | H | 0.00001 | 0.00005 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Molybdenum, Total, ICP-MS | 0.000265 | mg/L | H | 0.00001 | 0.00005 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Naphthalene | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Nickel, Dissolved, ICP-MS | 0.000614 | mg/L | H | 0.00005 | 0.00025 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Nickel, Total, ICP-MS | 0.0006 | mg/L | H | 0.00005 | 0.00025 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Nitrate Nitrogen | 0.108 | mg/L | | 0.02 | 0.04 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Nitrite + Nitrate Nitrogen | 0.113 | mg/L | | 0.02 | 0.04 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Nitrobenzene | | ug/L | <MDL | 0.047 | 0.0943 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | N-Nitrosodimethylamine | | ug/L | <MDL | 0.047 | 0.118 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | N-Nitrosodi-N-Propylamine | | ug/L | <MDL | 0.047 | 0.0943 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | N-Nitrosodiphenylamine | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Ortho Phosphorus | 0.0096 | mg/L | | 0.002 | 0.005 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Parathion-Ethyl | | ug/L | <MDL | 0.042 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Parathion-Methyl | | ug/L | <MDL | 0.034 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Pentachlorophenol | | ug/L | <MDL | 0.47 | 4.72 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | pH, Field | 7.3 | pH | | | |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Phenanthrene | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Phenol | | ug/L | <MDL | 0.047 | 0.0943 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Phorate | | ug/L | <MDL | 0.031 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Progesterone | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Pyrene | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Pyridine | | ug/L | <MDL | 0.94 | 2.36 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Sample Start Time | 1250 | hr | | | |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Sample Temperature, Field | 15.7 | deg C | | | |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Selenium, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.0005 | 0.0025 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Selenium, Total, ICP-MS | | mg/L | <MDL,H | 0.0005 | 0.0025 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Silver, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.000025 | 0.000125 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Silver, Total, ICP-MS | | mg/L | <MDL,H | 0.000025 | 0.000125 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Simazine | | ug/L | <MDL | 0.47 | 0.943 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Testosterone | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Thallium, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.00001 | 0.00005 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Thallium, Total, ICP-MS | | mg/L | <MDL,H | 0.00001 | 0.00005 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Total 4-Nonylphenol | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Total Suspended Solids | 1.3 | mg/L | | 0.5 | 1 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Toxaphene | | ug/L | <MDL | 0.024 | 0.0474 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Vanadium, Dissolved, ICP-MS | 0.000557 | mg/L | H | 0.000025 | 0.000125 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Vanadium, Total, ICP-MS | 0.000691 | mg/L | H | 0.000025 | 0.000125 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Vinclozolin | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Zinc, Dissolved, ICP-MS | 0.000952 | mg/L | H | 0.00015 | 0.00075 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-10 | Zinc, Total, ICP-MS | 0.000973 | mg/L | H | 0.00015 | 0.00075 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | 1,2,4-Trichlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | 1,2-Dichlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | 1,2-Diphenylhydrazine | | ug/L | <MDL | 0.047 | 0.0943 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | 1,3-Dichlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | 1,4-Dichlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | 2,4,5-T | | ug/L | <MDL | 0.043 | 0.12 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | 2,4,5-TP (Silvex) | | ug/L | <MDL | 0.046 | 0.16 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | 2,4,5-Trichlorophenol | | ug/L | <MDL | 0.24 | 0.943 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | 2,4,6-Trichlorophenol | | ug/L | <MDL | 0.24 | 0.943 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | 2,4-D | | ug/L | <MDL | 0.016 | 0.08 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | 2,4-DB | | ug/L | <MDL | 0.022 | 0.08 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | 2,4-Dichlorophenol | | ug/L | <MDL | 0.024 | 0.236 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | 2,4-Dimethylphenol | | ug/L | <MDL | 0.024 | 0.236 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | 2,4-Dinitrophenol | | ug/L | <MDL | 0.24 | 2.36 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | 2,4-Dinitrotoluene | | ug/L | <MDL | 0.47 | 0.943 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | 2,6-Dinitrotoluene | | ug/L | <MDL | 0.47 | 0.943 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | 2-Chloronaphthalene | | ug/L | <MDL | 0.0094 | 0.0236 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | 2-Chlorophenol | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | 2-Methylnaphthalene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | 2-Methylphenol | | ug/L | <MDL | 0.024 | 0.118 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | 2-Nitroaniline | | ug/L | <MDL | 0.47 | 0.943 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | 2-Nitrophenol | | ug/L | <MDL | 0.094 | 0.236 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | 3,3'-Dichlorobenzidine | | ug/L | <MDL | 0.047 | 0.0943 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | 3-Methylphenol | | ug/L | <MDL | 0.024 | 0.118 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | 3-Nitroaniline | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | 4,4'-DDD | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | 4,4'-DDE | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | 4,4'-DDT | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | 4,6-Dinitro-O-Cresol | | ug/L | <MDL | 0.24 | 2.36 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | 4-Bromophenyl Phenyl Ether | | ug/L | <MDL | 0.047 | 0.0943 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | 4-Chloro-3-Methylphenol | | ug/L | <MDL | 0.24 | 0.943 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | 4-Chloroaniline | | ug/L | <MDL | 0.024 | 0.118 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | 4-Chlorophenyl Phenyl Ether | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | 4-Methylphenol | | ug/L | <MDL | 0.024 | 0.118 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | 4-Nitroaniline | | ug/L | <MDL | 0.47 | 0.943 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | 4-Nitrophenol | | ug/L | <MDL | 0.24 | 2.36 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Acenaphthene | | ug/L | <MDL | 0.0047 | 0.00943 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Acenaphthylene | | ug/L | <MDL | 0.047 | 0.0943 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Aldrin | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Alpha-BHC | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Alpha-Chlordane | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Aluminum, Dissolved, ICP-MS | 0.0034 | mg/L | <RDL | 0.002 | 0.01 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Aluminum, Total, ICP-MS | 0.0222 | mg/L | | 0.002 | 0.01 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Ammonia Nitrogen | 0.015 | mg/L | <RDL | 0.01 | 0.02 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Aniline | | ug/L | <MDL | 0.94 | 2.36 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Anthracene | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Antimony, Dissolved, ICP-MS | 7.34E-05 | mg/L | H | 0.00001 | 0.00005 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Antimony, Total, ICP-MS | 7.26E-05 | mg/L | H | 0.00001 | 0.00005 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Aroclor 1016 | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Aroclor 1221 | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Aroclor 1232 | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Aroclor 1242 | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Aroclor 1248 | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Aroclor 1254 | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Aroclor 1260 | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Arsenic, Dissolved, ICP-MS | 0.00124 | mg/L | H | 0.0001 | 0.0005 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Arsenic, Total, ICP-MS | 0.00137 | mg/L | H | 0.0001 | 0.0005 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Atrazine | | ug/L | <MDL | 0.47 | 0.943 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Barium, Dissolved, ICP-MS | 0.00615 | mg/L | H | 0.000025 | 0.000125 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Barium, Total, ICP-MS | 0.0063 | mg/L | H | 0.000025 | 0.000125 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Benzidine | | ug/L | <MDL | 0.94 | 4.72 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Benzo(a)anthracene | | ug/L | <MDL | 0.0047 | 0.00943 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Benzo(a)pyrene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Benzo(b)fluoranthene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Benzo(g,h,i)perylene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Benzo(k)fluoranthene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Benzoic Acid | | ug/L | <MDL | 0.24 | 2.36 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Benzyl Alcohol | | ug/L | <MDL | 0.047 | 0.236 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Benzyl Butyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Beryllium, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.00005 | 0.00025 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Beryllium, Total, ICP-MS | | mg/L | <MDL,H | 0.00005 | 0.00025 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Beta-BHC | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Bis(2-Chloroethoxy)Methane | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Bis(2-Chloroethyl)Ether | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Bis(2-Chloroisopropyl)Ether | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Bis(2-ethylhexyl)adipate | | ug/L | <RDL,B | 2.2 | 0.472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Bis(2-Ethylhexyl)Phthalate | | ug/L | B | 8.76 | 0.472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Bisphenol A | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Cadmium, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.00001 | 0.00005 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Cadmium, Total, ICP-MS | | mg/L | <MDL,H | 0.00001 | 0.00005 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Caffeine | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Calcium, Dissolved, ICP | 11.7 | mg/L | | 0.05 | 0.25 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Calcium, Total, ICP | 11.8 | mg/L | | 0.05 | 0.25 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Carbazole | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Chlordecone (Kepone) | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Chlorpyrifos | | ug/L | <MDL | 0.032 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Chromium, Dissolved, ICP-MS | 0.00017 | mg/L | <RDL,H | 0.00005 | 0.00025 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Chromium, Total, ICP-MS | 0.000273 | mg/L | H | 0.00005 | 0.00025 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Chrysene | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Cobalt, Dissolved, ICP-MS | 0.000049 | mg/L | <RDL,H | 0.00001 | 0.00005 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Cobalt, Total, ICP-MS | 6.07E-05 | mg/L | H | 0.00001 | 0.00005 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Conductivity, Field | 143 | umhos/cm | | | |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Copper, Dissolved, ICP-MS | 0.000546 | mg/L | H | 0.0001 | 0.0005 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Copper, Total, ICP-MS | 0.000617 | mg/L | H | 0.0001 | 0.0005 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Coprostanol | | ug/L | <MDL | 1.2 | 9.43 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Dalapon | | ug/L | <MDL | 0.047 | 0.16 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Delta-BHC | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Diazinon | | ug/L | <MDL | 0.047 | 0.236 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Diazinon | | ug/L | <MDL | 0.041 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Dibenzo(a,h)anthracene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Dibenzofuran | | ug/L | <MDL | 0.0094 | 0.0236 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Dicamba | | ug/L | <MDL | 0.039 | 0.12 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Dichloroprop | | ug/L | <MDL | 0.023 | 0.08 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Dieldrin | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Diethyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Dimethyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Di-N-Butyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Di-N-Octyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Dinoseb | | ug/L | <MDL | 0.03 | 0.08 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Dissolved Oxygen, Field | 9.4 | mg/L | | | |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Disulfoton | | ug/L | <MDL | 0.025 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Endosulfan I | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Endosulfan II | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Endosulfan Sulfate | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Endrin | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Endrin Aldehyde | | ug/L | <MDL | 0.0047 | 0.00943 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Enterococcus | 55 | CFU/100ml | | | |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Escherichia coli | 140 | CFU/100ml | | | |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Estradiol | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Estrone | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Ethynyl estradiol | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Fecal Coliform | 100 | CFU/100ml | | | |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Fluoranthene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Fluorene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Fluoride | 0.0424 | mg/L | | 0.02 | 0.04 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Gamma-BHC (Lindane) | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Gamma-Chlordane | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Hardness, Calc | 54.8 | mg CaCO3/L | | 0.2 | 1.25 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Heptachlor | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Heptachlor Epoxide | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Hexachlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Hexachlorobutadiene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Hexachlorocyclopentadiene | | ug/L | <MDL | 0.94 | 2.36 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Hexachloroethane | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Indeno(1,2,3-Cd)Pyrene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Iron, Dissolved, ICP | 0.25 | mg/L | RDL | 0.05 | 0.25 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Iron, Total, ICP | 0.38 | mg/L | | 0.05 | 0.25 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Isophorone | | ug/L | <MDL | 0.24 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Lead, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.000025 | 0.000125 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Lead, Total, ICP-MS | 0.000074 | mg/L | <RDL,H | 0.000025 | 0.000125 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Magnesium, Dissolved, ICP | 6.1 | mg/L | | 0.03 | 0.15 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Magnesium, Total, ICP | 6.15 | mg/L | | 0.03 | 0.15 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Malathion | | ug/L | <MDL | 0.045 | 0.0472 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | MCPA | | ug/L | <MDL | 0.038 | 0.12 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | MCPP | | ug/L | <MDL | 0.016 | 0.08 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Mercury, Dissolved, CVAF | 5.9E-07 | mg/L | | 0.0000002 | 5E-07 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Mercury, Total, CVAF | 1.02E-06 | mg/L | | 0.0000002 | 5E-07 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Methoxychlor | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Methyltestosterone | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Molybdenum, Dissolved, ICP-MS | 0.00026 | mg/L | H | 0.00001 | 0.00005 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Molybdenum, Total, ICP-MS | 0.000265 | mg/L | H | 0.00001 | 0.00005 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Naphthalene | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Nickel, Dissolved, ICP-MS | 0.000606 | mg/L | H | 0.00005 | 0.00025 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Nickel, Total, ICP-MS | 0.000583 | mg/L | H | 0.00005 | 0.00025 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Nitrate Nitrogen | 0.111 | mg/L | | 0.02 | 0.04 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Nitrite + Nitrate Nitrogen | 0.114 | mg/L | | 0.02 | 0.04 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Nitrobenzene | | ug/L | <MDL | 0.047 | 0.0943 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | N-Nitrosodimethylamine | | ug/L | <MDL | 0.047 | 0.118 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | N-Nitrosodi-N-Propylamine | | ug/L | <MDL | 0.047 | 0.0943 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | N-Nitrosodiphenylamine | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Ortho Phosphorus | 0.0114 | mg/L | | 0.002 | 0.005 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Parathion-Ethyl | | ug/L | <MDL | 0.042 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Parathion-Methyl | | ug/L | <MDL | 0.034 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Pentachlorophenol | | ug/L | <MDL | 0.47 | 4.72 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | pH, Field | 7.3 | pH | | | |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Phenanthrene | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Phenol | | ug/L | <MDL | 0.047 | 0.0943 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Phorate | | ug/L | <MDL | 0.031 | 0.0472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Progesterone | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Pyrene | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Pyridine | | ug/L | <MDL | 0.94 | 2.36 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Sample Function | | none | | | |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Sample Start Time | 1300 | hr | | | |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Sample Temperature, Field | 15.7 | deg C | | | |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Selenium, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.0005 | 0.0025 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Selenium, Total, ICP-MS | | mg/L | <MDL,H | 0.0005 | 0.0025 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Silver, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.000025 | 0.000125 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Silver, Total, ICP-MS | | mg/L | <MDL,H | 0.000025 | 0.000125 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Simazine | | ug/L | <MDL | 0.47 | 0.943 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Testosterone | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Thallium, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.00001 | 0.00005 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Thallium, Total, ICP-MS | | mg/L | <MDL,H | 0.00001 | 0.00005 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Total 4-Nonylphenol | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Total Suspended Solids | 1 | mg/L | RDL | 0.5 | 1 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Toxaphene | | ug/L | <MDL | 0.024 | 0.0472 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Vanadium, Dissolved, ICP-MS | 0.000552 | mg/L | H | 0.000025 | 0.000125 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Vanadium, Total, ICP-MS | 0.000683 | mg/L | H | 0.000025 | 0.000125 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Vinclozolin | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Zinc, Dissolved, ICP-MS | 0.000885 | mg/L | H | 0.00015 | 0.00075 |
| SAMM_BRIDGE_90 | 9/15/2003 | L29488-13 | Zinc, Total, ICP-MS | 0.00132 | mg/L | H | 0.00015 | 0.00075 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | 1,2,4-Trichlorobenzene | | ug/L | <MDL,G | 0.0051 | 0.0101 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | 1,2-Dichlorobenzene | | ug/L | <MDL,G | 0.0051 | 0.0101 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | 1,2-Diphenylhydrazine | | ug/L | <MDL | 0.19 | 0.383 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | 1,3-Dichlorobenzene | | ug/L | <MDL,G | 0.0051 | 0.0101 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | 1,4-Dichlorobenzene | | ug/L | <MDL,G | 0.0025 | 0.00505 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | 2,4,5-T | | ug/L | <MDL,H | 0.057 | 0.16 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | 2,4,5-TP (Silvex) | | ug/L | <MDL,H | 0.023 | 0.08 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | 2,4,5-Trichlorophenol | | ug/L | <MDL | 0.23 | 0.459 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | 2,4,6-Trichlorophenol | | ug/L | <MDL | 0.25 | 0.497 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | 2,4-D | 0.14 | ug/L | H | 0.03 | 0.08 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | 2,4-DB | | ug/L | <MDL,H | 0.058 | 0.16 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | 2,4-Dichlorophenol | | ug/L | <MDL | 0.31 | 0.612 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | 2,4-Dimethylphenol | | ug/L | <MDL,G | 0.13 | 0.268 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | 2,4-Dinitrophenol | | ug/L | <MDL | 0.26 | 0.51 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | 2,4-Dinitrotoluene | | ug/L | <MDL | 0.057 | 0.115 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | 2,6-Dinitrotoluene | | ug/L | <MDL | 0.19 | 0.383 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | 2-Chloronaphthalene | | ug/L | <MDL,G | 0.31 | 0.612 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | 2-Chlorophenol | | ug/L | <MDL | 0.15 | 0.306 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | 2-Methylnaphthalene | | ug/L | <MDL,G | 0.27 | 0.536 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | 2-Methylphenol | | ug/L | <MDL | 0.36 | 0.727 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | 2-Nitroaniline | | ug/L | <MDL | 0.13 | 0.255 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | 2-Nitrophenol | | ug/L | <MDL | 0.29 | 0.574 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | 3,3'-Dichlorobenzidine | | ug/L | <MDL | 0.051 | 0.102 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | 3-Methylphenol | | ug/L | <MDL,G | 0.051 | 0.102 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | 3-Nitroaniline | | ug/L | <MDL | 0.13 | 0.255 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | 4,4'-DDD | | ug/L | <MDL | 0.0026 | 0.0051 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | 4,4'-DDE | | ug/L | <MDL | 0.0026 | 0.0051 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | 4,4'-DDT | | ug/L | <MDL | 0.0026 | 0.0051 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | 4,6-Dinitro-O-Cresol | | ug/L | <MDL | 0.26 | 0.51 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | 4-Bromophenyl Phenyl Ether | | ug/L | <MDL | 0.17 | 0.344 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | 4-Chloro-3-Methylphenol | | ug/L | <MDL | 0.051 | 0.102 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | 4-Chloroaniline | | ug/L | <MDL,G | 0.051 | 0.102 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | 4-Chlorophenyl Phenyl Ether | | ug/L | <MDL,G | 0.25 | 0.497 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | 4-Methylphenol | | ug/L | <MDL | 0.31 | 0.612 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | 4-Nitroaniline | | ug/L | <MDL | 0.26 | 0.51 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | 4-Nitrophenol | | ug/L | <MDL | 0.26 | 0.51 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Acenaphthene | | ug/L | <MDL,G | 0.13 | 0.268 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Acenaphthylene | | ug/L | <MDL,G | 0.29 | 0.574 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Aldrin | | ug/L | <MDL | 0.0026 | 0.0051 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Alpha-BHC | | ug/L | <MDL | 0.0026 | 0.0051 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Aluminum, Dissolved, ICP-MS | 0.0045 | mg/L | <RDL | 0.002 | 0.01 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Aluminum, Total, ICP-MS | 0.0316 | mg/L | | 0.002 | 0.01 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Ammonia Nitrogen | 0.02 | mg/L | RDL | 0.01 | 0.02 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Aniline | | ug/L | <MDL,G | 0.36 | 0.727 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Anthracene | | ug/L | <MDL | 0.077 | 0.153 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Antimony, Dissolved, ICP-MS | 0.000035 | mg/L | <RDL | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Antimony, Total, ICP-MS | 6.78E-05 | mg/L | | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Aroclor 1016 | | ug/L | <MDL | 0.026 | 0.051 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Aroclor 1221 | | ug/L | <MDL | 0.026 | 0.051 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Aroclor 1232 | | ug/L | <MDL | 0.026 | 0.051 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Aroclor 1242 | | ug/L | <MDL | 0.026 | 0.051 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Aroclor 1248 | | ug/L | <MDL | 0.026 | 0.051 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Aroclor 1254 | | ug/L | <MDL | 0.026 | 0.051 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Aroclor 1260 | | ug/L | <MDL | 0.026 | 0.051 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Arsenic, Dissolved, ICP-MS | 0.000653 | mg/L | | 0.0001 | 0.0005 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Arsenic, Total, ICP-MS | 0.00142 | mg/L | | 0.0001 | 0.0005 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Barium, Dissolved, ICP-MS | 0.00308 | mg/L | | 0.000025 | 0.000125 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Barium, Total, ICP-MS | 0.00703 | mg/L | | 0.0002 | 0.001 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Benzo(a)anthracene | | ug/L | <MDL | 0.038 | 0.0765 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Benzo(a)pyrene | | ug/L | <MDL | 0.057 | 0.115 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Benzo(b)fluoranthene | | ug/L | <MDL | 0.057 | 0.115 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Benzo(g,h,i)perylene | | ug/L | <MDL | 0.15 | 0.306 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Benzo(k)fluoranthene | | ug/L | <MDL | 0.057 | 0.115 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Benzoic Acid | | ug/L | <MDL,G | 0.11 | 0.23 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Benzyl Alcohol | | ug/L | <MDL | 0.11 | 0.23 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Benzyl Butyl Phthalate | | ug/L | <MDL | 0.11 | 0.23 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Beryllium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Beryllium, Total, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Beta-BHC | | ug/L | <MDL | 0.0026 | 0.0051 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Bis(2-Chloroethoxy)Methane | | ug/L | <MDL | 0.33 | 0.651 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Bis(2-Chloroethyl)Ether | | ug/L | <MDL | 0.29 | 0.574 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Bis(2-Chloroisopropyl)Ether | | ug/L | <MDL | 0.29 | 0.574 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Bis(2-Ethylhexyl)Phthalate | | ug/L | B,L | 7.05 | 0.268 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Cadmium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Cadmium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Caffeine | 0.14 | ug/L | <RDL | 0.11 | 0.23 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Calcium, Dissolved, ICP | 12.2 | mg/L | | 0.05 | 0.25 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Calcium, Total, ICP | 12.2 | mg/L | | 0.05 | 0.25 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Carbazole | | ug/L | <MDL | 0.13 | 0.268 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Chlordane | | ug/L | <MDL | 0.013 | 0.0255 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Chlorpyrifos | | ug/L | <MDL | 0.035 | 0.0515 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Chromium, Dissolved, ICP-MS | 0.00011 | mg/L | <RDL | 0.00005 | 0.00025 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Chromium, Total, ICP-MS | 0.000318 | mg/L | | 0.00005 | 0.00025 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Chrysene | | ug/L | <MDL | 0.077 | 0.153 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Cobalt, Dissolved, ICP-MS | 0.000031 | mg/L | <RDL | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Cobalt, Total, ICP-MS | 8.17E-05 | mg/L | | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Copper, Dissolved, ICP-MS | 0.00028 | mg/L | <RDL | 0.0001 | 0.0005 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Copper, Total, ICP-MS | 0.000619 | mg/L | | 0.0001 | 0.0005 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Coprostanol | | ug/L | <MDL,G | 0.27 | 0.536 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Dalapon | | ug/L | <MDL,H | 0.012 | 0.08 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Delta-BHC | | ug/L | <MDL | 0.0026 | 0.0051 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Diazinon | | ug/L | <MDL | 0.044 | 0.0515 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Dibenzo(a,h)anthracene | | ug/L | <MDL | 0.13 | 0.268 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Dibenzofuran | | ug/L | <MDL,G | 0.27 | 0.536 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Dicamba | 0.08 | ug/L | RDL,H | 0.022 | 0.08 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Dichloroprop | | ug/L | <MDL,H | 0.011 | 0.08 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Dieldrin | | ug/L | <MDL | 0.0026 | 0.0051 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Diethyl Phthalate | | ug/L | <MDL | 0.11 | 0.23 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Dimethyl Phthalate | | ug/L | <MDL | 0.21 | 0.421 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Di-N-Butyl Phthalate | | ug/L | B,L | 1.2 | 0.191 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Di-N-Octyl Phthalate | | ug/L | <MDL | 0.15 | 0.306 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Dinoseb | | ug/L | <MDL,H | 0.029 | 0.08 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Disulfoton | | ug/L | <MDL | 0.028 | 0.0515 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Endosulfan I | | ug/L | <MDL | 0.0026 | 0.0051 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Endosulfan II | | ug/L | <MDL | 0.0026 | 0.0051 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Endosulfan Sulfate | | ug/L | <MDL | 0.0026 | 0.0051 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Endrin | | ug/L | <MDL | 0.0026 | 0.0051 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Endrin Aldehyde | | ug/L | <MDL | 0.0026 | 0.0051 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Enterococcus | 450 | CFU/100ml | | | |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Escherichia coli | 120 | CFU/100ml | | | |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Fecal Coliform | 91 | CFU/100ml | | | |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Fluoranthene | | ug/L | <MDL | 0.15 | 0.306 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Fluorene | | ug/L | <MDL | 0.25 | 0.497 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Fluoride | | mg/L | <MDL | 0.05 | 0.1 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Gamma-BHC (Lindane) | | ug/L | <MDL | 0.0026 | 0.0051 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Hardness, Calc | 55.3 | mg CaCO3/L | | 0.2 | 1.25 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Heptachlor | | ug/L | <MDL | 0.0026 | 0.0051 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Heptachlor Epoxide | | ug/L | <MDL | 0.0026 | 0.0051 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Hexachlorobenzene | | ug/L | <MDL | 0.013 | 0.0254 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Hexachlorobutadiene | | ug/L | <MDL,G | 0.014 | 0.0287 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Hexachlorocyclopentadiene | | ug/L | <MDL,G | 0.13 | 0.255 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Hexachloroethane | | ug/L | <MDL,G | 0.29 | 0.574 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Indeno(1,2,3-Cd)Pyrene | | ug/L | <MDL | 0.17 | 0.344 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Iron, Dissolved, ICP | 0.418 | mg/L | | 0.05 | 0.25 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Iron, Total, ICP | 0.67 | mg/L | | 0.05 | 0.25 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Isophorone | | ug/L | <MDL | 0.36 | 0.727 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Lead, Dissolved, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Lead, Total, ICP-MS | 0.00007 | mg/L | <RDL | 0.000025 | 0.000125 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Magnesium, Dissolved, ICP | 6.01 | mg/L | | 0.03 | 0.15 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Magnesium, Total, ICP | 6.01 | mg/L | | 0.03 | 0.15 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Malathion | | ug/L | <MDL | 0.049 | 0.0515 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | MCPA | | ug/L | <MDL,H | 0.011 | 0.08 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | MCPP | | ug/L | <MDL,H | 0.013 | 0.08 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Mercury, Dissolved, CVAF | 5.56E-07 | mg/L | | 0.0000001 | 5E-07 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Mercury, Total, CVAF | 9.49E-07 | mg/L | | 0.0000001 | 5E-07 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Methoxychlor | | ug/L | <MDL | 0.013 | 0.0255 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Molybdenum, Dissolved, ICP-MS | 0.000143 | mg/L | | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Molybdenum, Total, ICP-MS | 0.000303 | mg/L | | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Naphthalene | | ug/L | <MDL,G | 0.27 | 0.536 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Nickel, Dissolved, ICP-MS | 0.000359 | mg/L | | 0.00005 | 0.00025 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Nickel, Total, ICP-MS | 0.000748 | mg/L | | 0.00005 | 0.00025 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Nitrate Nitrogen | 0.114 | mg/L | | 0.02 | 0.04 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Nitrite + Nitrate Nitrogen | 0.114 | mg/L | | 0.02 | 0.04 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Nitrobenzene | | ug/L | <MDL,G | 0.31 | 0.612 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | N-Nitrosodimethylamine | | ug/L | <MDL | 0.38 | 0.765 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | N-Nitrosodi-N-Propylamine | | ug/L | <MDL | 0.17 | 0.344 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | N-Nitrosodiphenylamine | | ug/L | <MDL | 0.38 | 0.765 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Ortho Phosphorus | 0.00974 | mg/L | | 0.002 | 0.005 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Parathion-Ethyl | | ug/L | <MDL | 0.046 | 0.0515 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Parathion-Methyl | | ug/L | <MDL | 0.037 | 0.0515 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Pentachlorophenol | | ug/L | <MDL | 0.096 | 0.191 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Phenanthrene | | ug/L | <MDL | 0.077 | 0.153 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Phenol | | ug/L | <MDL | 0.17 | 0.344 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Phorate | | ug/L | <MDL | 0.034 | 0.0515 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Pyrene | | ug/L | <MDL | 0.077 | 0.153 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Pyridine | | ug/L | <MDL,G | 0.51 | 1.02 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Sample Start Time | | hr | | | |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Selenium, Dissolved, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Selenium, Total, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Silver, Dissolved, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Silver, Total, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Thallium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Thallium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Total Suspended Solids | 1.2 | mg/L | | 0.5 | 1 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Toxaphene | | ug/L | <MDL | 0.026 | 0.051 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Vanadium, Dissolved, ICP-MS | 0.000301 | mg/L | | 0.000025 | 0.000125 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Vanadium, Total, ICP-MS | 0.000803 | mg/L | | 0.000025 | 0.000125 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Zinc, Dissolved, ICP-MS | | mg/L | <RDL,B | 0.00255 | 0.00075 |
| SAMM_IRR_RETURN_124 | 9/4/2001 | L21953-7 | Zinc, Total, ICP-MS | 0.00108 | mg/L | | 0.00015 | 0.00075 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | 1,2,4-Trichlorobenzene | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | 1,2-Dichlorobenzene | | ug/L | <MDL | 0.005 | 0.01 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | 1,2-Diphenylhydrazine | | ug/L | <MDL | 0.05 | 0.1 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | 1,3-Dichlorobenzene | | ug/L | <MDL | 0.005 | 0.01 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | 1,4-Dichlorobenzene | | ug/L | <MDL | 0.005 | 0.01 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | 2,4,5-T | | ug/L | <MDL | 0.049 | 0.164 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | 2,4,5-TP (Silvex) | | ug/L | <MDL | 0.017 | 0.082 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | 2,4,5-Trichlorophenol | | ug/L | <MDL | 0.05 | 0.25 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | 2,4,6-Trichlorophenol | | ug/L | <MDL | 0.05 | 0.25 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | 2,4-D | | ug/L | <MDL | 0.039 | 0.123 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | 2,4-DB | | ug/L | <MDL | 0.045 | 0.123 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | 2,4-Dichlorophenol | | ug/L | <MDL | 0.025 | 0.25 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | 2,4-Dimethylphenol | | ug/L | <MDL | 0.025 | 0.25 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | 2,4-Dinitrophenol | | ug/L | <MDL | 0.25 | 2.5 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | 2,4-Dinitrotoluene | | ug/L | <MDL | 0.5 | 1 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | 2,6-Dinitrotoluene | | ug/L | <MDL | 0.5 | 1 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | 2-Chloronaphthalene | | ug/L | <MDL | 0.01 | 0.025 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | 2-Chlorophenol | | ug/L | <MDL | 0.01 | 0.025 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | 2-Methylnaphthalene | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | 2-Methylphenol | | ug/L | <MDL | 0.025 | 0.125 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | 2-Nitroaniline | | ug/L | <MDL | 0.5 | 1 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | 2-Nitrophenol | | ug/L | <MDL | 0.05 | 0.25 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | 3,3'-Dichlorobenzidine | | ug/L | <MDL | 0.05 | 0.1 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | 3-Methylphenol | | ug/L | <MDL | 0.025 | 0.125 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | 3-Nitroaniline | | ug/L | <MDL | 0.13 | 0.5 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | 4,4'-DDD | | ug/L | <MDL | 0.0013 | 0.0025 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | 4,4'-DDE | | ug/L | <MDL | 0.0013 | 0.0025 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | 4,4'-DDT | | ug/L | <MDL | 0.0013 | 0.0025 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | 4,6-Dinitro-O-Cresol | | ug/L | <MDL | 0.25 | 2.5 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | 4-Bromophenyl Phenyl Ether | | ug/L | <MDL | 0.05 | 0.1 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | 4-Chloro-3-Methylphenol | | ug/L | <MDL | 0.05 | 0.25 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | 4-Chloroaniline | | ug/L | <MDL | 0.025 | 0.125 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | 4-Chlorophenyl Phenyl Ether | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | 4-Methylphenol | | ug/L | <MDL | 0.025 | 0.125 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | 4-Nitroaniline | | ug/L | <MDL | 0.5 | 1 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | 4-Nitrophenol | | ug/L | <MDL | 0.25 | 2.5 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Acenaphthene | | ug/L | <MDL | 0.005 | 0.01 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Acenaphthylene | | ug/L | <MDL | 0.05 | 0.1 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Aldrin | | ug/L | <MDL | 0.0013 | 0.0025 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Alpha-BHC | | ug/L | <MDL | 0.00063 | 0.00125 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Alpha-Chlordane | | ug/L | <MDL | 0.00063 | 0.00125 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Aluminum, Dissolved, ICP-MS | 0.0053 | mg/L | <RDL | 0.002 | 0.01 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Aluminum, Total, ICP-MS | 0.0451 | mg/L | | 0.002 | 0.01 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Ammonia Nitrogen | 0.012 | mg/L | <RDL | 0.01 | 0.02 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Aniline | | ug/L | <MDL | 0.05 | 0.1 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Anthracene | | ug/L | <MDL | 0.01 | 0.025 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Antimony, Dissolved, ICP-MS | 0.000143 | mg/L | | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Antimony, Total, ICP-MS | 0.000145 | mg/L | | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Aroclor 1016 | | ug/L | <MDL | 0.0063 | 0.0125 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Aroclor 1221 | | ug/L | <MDL | 0.013 | 0.025 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Aroclor 1232 | | ug/L | <MDL | 0.013 | 0.025 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Aroclor 1242 | | ug/L | <MDL | 0.0063 | 0.0125 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Aroclor 1248 | | ug/L | <MDL | 0.0063 | 0.0125 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Aroclor 1254 | | ug/L | <MDL | 0.0063 | 0.0125 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Aroclor 1260 | | ug/L | <MDL | 0.0063 | 0.0125 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Arsenic, Dissolved, ICP-MS | 0.000923 | mg/L | | 0.0001 | 0.0005 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Arsenic, Total, ICP-MS | 0.000971 | mg/L | | 0.0001 | 0.0005 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Atrazine | | ug/L | <MDL | 0.05 | 0.25 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Barium, Dissolved, ICP-MS | 0.0114 | mg/L | | 0.0002 | 0.001 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Barium, Total, ICP-MS | 0.0117 | mg/L | | 0.0002 | 0.001 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Benzidine | | ug/L | <MDL | 0.5 | 5 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Benzo(a)anthracene | | ug/L | <MDL | 0.005 | 0.01 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Benzo(a)pyrene | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Benzo(b)fluoranthene | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Benzo(g,h,i)perylene | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Benzo(k)fluoranthene | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Benzoic Acid | | ug/L | <MDL | 0.25 | 2.5 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Benzyl Alcohol | | ug/L | <MDL | 0.05 | 0.25 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Benzyl Butyl Phthalate | | ug/L | <RDL,B | 1.55 | 0.5 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Beryllium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Beryllium, Total, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Beta-BHC | | ug/L | <MDL | 0.00063 | 0.00125 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Bis(2-Chloroethoxy)Methane | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Bis(2-Chloroethyl)Ether | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Bis(2-Chloroisopropyl)Ether | | ug/L | <MDL | 0.01 | 0.025 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Bis(2-ethylhexyl)adipate | | ug/L | <RDL,B | 1.05 | 0.5 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Bis(2-Ethylhexyl)Phthalate | | ug/L | B | 2.25 | 0.05 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Bisphenol A | 0.26 | ug/L | <RDL | 0.13 | 0.5 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Cadmium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Cadmium, Total, ICP-MS | 0.00001 | mg/L | <RDL | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Caffeine | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Calcium, Dissolved, ICP | 18.9 | mg/L | | 0.05 | 0.25 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Calcium, Total, ICP | 18.5 | mg/L | | 0.05 | 0.25 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Carbazole | | ug/L | <MDL | 0.01 | 0.025 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Chlordecone (Kepone) | | ug/L | <MDL | 0.13 | 0.5 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Chlorpyrifos | | ug/L | <MDL | 0.032 | 0.0472 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Chromium, Dissolved, ICP-MS | 0.00017 | mg/L | <RDL | 0.00005 | 0.00025 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Chromium, Total, ICP-MS | 0.000335 | mg/L | | 0.00005 | 0.00025 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Chrysene | | ug/L | <MDL | 0.01 | 0.025 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Cobalt, Dissolved, ICP-MS | 0.000048 | mg/L | <RDL | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Conductivity, Field | 218 | umhos/cm | | | |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Copper, Dissolved, ICP-MS | 0.0013 | mg/L | | 0.0001 | 0.0005 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Copper, Total, ICP-MS | 0.00143 | mg/L | | 0.0001 | 0.0005 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Coprostanol | | ug/L | <MDL | 1.3 | 10 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Dalapon | | ug/L | <MDL | 0.049 | 0.164 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Delta-BHC | | ug/L | <MDL | 0.00063 | 0.00125 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Diazinon | | ug/L | <MDL | 0.041 | 0.0472 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Diazinon | | ug/L | <MDL | 0.05 | 0.25 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Dibenzo(a,h)anthracene | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Dibenzofuran | | ug/L | <MDL | 0.01 | 0.025 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Dicamba | | ug/L | <MDL | 0.04 | 0.123 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Dichloroprop | | ug/L | <MDL | 0.017 | 0.082 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Dieldrin | | ug/L | <MDL | 0.0013 | 0.0025 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Diethyl Phthalate | 0.074 | ug/L | <RDL | 0.025 | 0.1 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Dimethyl Phthalate | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Di-N-Butyl Phthalate | | ug/L | <MDL | 0.12 | 0.25 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Di-N-Octyl Phthalate | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Dinoseb | | ug/L | <MDL | 0.047 | 0.164 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Dissolved Oxygen, Field | 9.3 | mg/L | | | |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Disulfoton | | ug/L | <MDL | 0.025 | 0.0472 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Endosulfan I | | ug/L | <MDL | 0.0013 | 0.0025 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Endosulfan II | | ug/L | <MDL | 0.0013 | 0.0025 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Endosulfan Sulfate | | ug/L | <MDL | 0.0013 | 0.0025 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Endrin | | ug/L | <MDL | 0.0013 | 0.0025 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Endrin Aldehyde | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Enterococcus | 370 | CFU/100ml | | | |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Escherichia coli | 260 | CFU/100ml | | | |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Estradiol | | ug/L | <MDL | 0.13 | 0.5 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Estrone | | ug/L | <MDL | 0.13 | 0.5 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Ethynyl estradiol | | ug/L | <MDL | 0.13 | 0.5 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Fecal Coliform | 320 | CFU/100ml | | | |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Fluoranthene | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Fluorene | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Fluoride | 0.106 | mg/L | | 0.02 | 0.04 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Gamma-BHC (Lindane) | | ug/L | <MDL | 0.00063 | 0.00125 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Gamma-Chlordane | | ug/L | <MDL | 0.00063 | 0.00125 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Hardness, Calc | 83.4 | mg CaCO3/L | | 0.2 | 1.25 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Heptachlor | | ug/L | <MDL | 0.00063 | 0.00125 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Heptachlor Epoxide | | ug/L | <MDL | 0.00063 | 0.00125 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Hexachlorobenzene | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Hexachlorobutadiene | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Hexachlorocyclopentadiene | | ug/L | <MDL | 0.05 | 0.5 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Hexachloroethane | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Indeno(1,2,3-Cd)Pyrene | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Iron, Dissolved, ICP | | mg/L | <MDL | 0.05 | 0.25 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Iron, Total, ICP | 0.063 | mg/L | <RDL | 0.05 | 0.25 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Isophorone | | ug/L | <MDL | 0.25 | 0.05 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Lead, Dissolved, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Lead, Total, ICP-MS | 0.00006 | mg/L | <RDL | 0.000025 | 0.000125 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Magnesium, Dissolved, ICP | 9.17 | mg/L | | 0.03 | 0.15 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Magnesium, Total, ICP | 9.06 | mg/L | | 0.03 | 0.15 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Malathion | | ug/L | <MDL | 0.045 | 0.0472 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | MCPA | | ug/L | <MDL | 0.023 | 0.082 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | MCPP | | ug/L | <MDL | 0.03 | 0.082 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Mercury, Dissolved, CVAF | 6.25E-07 | mg/L | | 0.0000001 | 5E-07 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Mercury, Total, CVAF | 1.02E-06 | mg/L | | 0.0000001 | 5E-07 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Methoxychlor | | ug/L | <MDL | 0.0063 | 0.0125 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Methyltestosterone | | ug/L | <MDL | 0.13 | 0.5 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Molybdenum, Dissolved, ICP-MS | 0.0017 | mg/L | | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Molybdenum, Total, ICP-MS | 0.00169 | mg/L | | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Naphthalene | | ug/L | <MDL | 0.01 | 0.025 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Nickel, Dissolved, ICP-MS | 0.000826 | mg/L | | 0.00005 | 0.00025 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Nickel, Total, ICP-MS | 0.000907 | mg/L | | 0.00005 | 0.00025 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Nitrate Nitrogen | 0.11 | mg/L | | 0.02 | 0.04 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Nitrite + Nitrate Nitrogen | 0.11 | mg/L | | 0.02 | 0.04 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Nitrobenzene | | ug/L | <MDL | 0.05 | 0.1 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | N-Nitrosodimethylamine | | ug/L | <MDL | 0.05 | 0.125 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | N-Nitrosodi-N-Propylamine | | ug/L | <MDL | 0.05 | 0.1 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | N-Nitrosodiphenylamine | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Ortho Phosphorus | 0.0677 | mg/L | | 0.002 | 0.005 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Parathion-Ethyl | | ug/L | <MDL | 0.042 | 0.0472 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Parathion-Methyl | | ug/L | <MDL | 0.034 | 0.0472 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Pentachlorophenol | | ug/L | <MDL | 0.13 | 1 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | pH, Field | 7.1 | pH | | | |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Phenanthrene | | ug/L | <MDL | 0.01 | 0.025 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Phenol | | ug/L | B | 0.09 | 0.01 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Phorate | | ug/L | <MDL | 0.031 | 0.0472 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Progesterone | | ug/L | <MDL | 0.13 | 0.5 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Pyrene | | ug/L | <MDL | 0.01 | 0.025 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Pyridine | | ug/L | <MDL | 0.5 | 1 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Sample Temperature, Field | 12.1 | deg C | | | |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Selenium, Dissolved, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Selenium, Total, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Silver, Dissolved, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Silver, Total, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Simazine | | ug/L | <MDL | 0.05 | 0.25 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Testosterone | | ug/L | <MDL | 0.13 | 0.5 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Thallium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Thallium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Total 4-Nonylphenol | | ug/L | <MDL | 0.13 | 0.5 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Total Suspended Solids | 1.7 | mg/L | | 0.5 | 1 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Toxaphene | | ug/L | <MDL | 0.013 | 0.025 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Vanadium, Dissolved, ICP-MS | 0.00122 | mg/L | | 0.000025 | 0.000125 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Vanadium, Total, ICP-MS | 0.00136 | mg/L | | 0.000025 | 0.000125 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Vinclozolin | | ug/L | <MDL | 0.13 | 0.5 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Zinc, Dissolved, ICP-MS | | mg/L | B | 0.00545 | 0.00075 |
| SAMM_IRR_RETURN_124 | 10/8/2002 | L25875-7 | Zinc, Total, ICP-MS | 0.00352 | mg/L | | 0.00015 | 0.00075 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | 1,2,4-Trichlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | 1,2-Dichlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | 1,2-Diphenylhydrazine | | ug/L | <MDL | 0.047 | 0.0943 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | 1,3-Dichlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | 1,4-Dichlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | 2,4,5-T | | ug/L | <MDL | 0.016 | 0.0781 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | 2,4,5-TP (Silvex) | | ug/L | <MDL | 0.04 | 0.117 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | 2,4,5-Trichlorophenol | | ug/L | <MDL | 0.24 | 0.943 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | 2,4,6-Trichlorophenol | | ug/L | <MDL | 0.24 | 0.943 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | 2,4-D | | ug/L | <MDL | 0.015 | 0.0781 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | 2,4-DB | | ug/L | <MDL | 0.023 | 0.0781 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | 2,4-Dichlorophenol | | ug/L | <MDL | 0.024 | 0.236 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | 2,4-Dimethylphenol | | ug/L | <MDL | 0.024 | 0.236 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | 2,4-Dinitrophenol | | ug/L | <MDL | 0.24 | 2.36 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | 2,4-Dinitrotoluene | | ug/L | <MDL | 0.47 | 0.943 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | 2,6-Dinitrotoluene | | ug/L | <MDL | 0.47 | 0.943 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | 2-Chloronaphthalene | | ug/L | <MDL | 0.0094 | 0.0236 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | 2-Chlorophenol | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | 2-Methylnaphthalene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | 2-Methylphenol | | ug/L | <MDL | 0.024 | 0.118 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | 2-Nitroaniline | | ug/L | <MDL | 0.47 | 0.943 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | 2-Nitrophenol | | ug/L | <MDL | 0.094 | 0.236 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | 3,3'-Dichlorobenzidine | | ug/L | <MDL | 0.047 | 0.0943 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | 3-Methylphenol | | ug/L | <MDL | 0.024 | 0.118 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | 3-Nitroaniline | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | 4,4'-DDD | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | 4,4'-DDE | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | 4,4'-DDT | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | 4,6-Dinitro-O-Cresol | | ug/L | <MDL | 0.24 | 2.36 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | 4-Bromophenyl Phenyl Ether | | ug/L | <MDL | 0.047 | 0.0943 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | 4-Chloro-3-Methylphenol | | ug/L | <MDL | 0.24 | 0.943 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | 4-Chloroaniline | | ug/L | <MDL | 0.024 | 0.118 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | 4-Chlorophenyl Phenyl Ether | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | 4-Methylphenol | | ug/L | <MDL | 0.024 | 0.118 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | 4-Nitroaniline | | ug/L | <MDL | 0.47 | 0.943 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | 4-Nitrophenol | | ug/L | <MDL | 0.24 | 2.36 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Acenaphthene | | ug/L | <MDL | 0.0047 | 0.00943 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Acenaphthylene | | ug/L | <MDL | 0.047 | 0.0943 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Aldrin | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Alpha-BHC | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Alpha-Chlordane | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Aluminum, Dissolved, ICP-MS | 0.0242 | mg/L | | 0.002 | 0.01 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Aluminum, Total, ICP-MS | 0.549 | mg/L | | 0.01 | 0.05 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Ammonia Nitrogen | 0.0471 | mg/L | | 0.01 | 0.02 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Aniline | | ug/L | <MDL | 0.94 | 2.36 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Anthracene | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Antimony, Dissolved, ICP-MS | 0.00032 | mg/L | | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Antimony, Total, ICP-MS | 0.000337 | mg/L | | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Aroclor 1016 | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Aroclor 1221 | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Aroclor 1232 | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Aroclor 1242 | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Aroclor 1248 | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Aroclor 1254 | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Aroclor 1260 | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Arsenic, Dissolved, ICP-MS | 0.000948 | mg/L | | 0.0001 | 0.0005 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Arsenic, Total, ICP-MS | 0.00128 | mg/L | | 0.0001 | 0.0005 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Atrazine | | ug/L | <MDL | 0.47 | 0.943 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Barium, Dissolved, ICP-MS | 0.0144 | mg/L | | 0.000025 | 0.000125 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Barium, Total, ICP-MS | 0.0186 | mg/L | | 0.000025 | 0.000125 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Benzidine | | ug/L | <MDL | 0.94 | 4.72 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Benzo(a)anthracene | 0.0283 | ug/L | | 0.0047 | 0.00943 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Benzo(a)pyrene | 0.029 | ug/L | <RDL | 0.024 | 0.0472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Benzo(b)fluoranthene | 0.033 | ug/L | <RDL | 0.024 | 0.0472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Benzo(g,h,i)perylene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Benzo(k)fluoranthene | 0.028 | ug/L | <RDL | 0.024 | 0.0472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Benzoic Acid | | ug/L | <MDL | 0.24 | 2.36 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Benzyl Alcohol | | ug/L | <MDL | 0.047 | 0.236 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Benzyl Butyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Beryllium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Beryllium, Total, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Beta-BHC | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Bis(2-Chloroethoxy)Methane | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Bis(2-Chloroethyl)Ether | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Bis(2-Chloroisopropyl)Ether | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Bis(2-ethylhexyl)adipate | | ug/L | <RDL,B | 2.2 | 0.472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Bis(2-Ethylhexyl)Phthalate | | ug/L | B | 8.95 | 0.472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Bisphenol A | 0.48 | ug/L | | 0.12 | 0.472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Cadmium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Cadmium, Total, ICP-MS | 0.000035 | mg/L | <RDL | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Caffeine | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Calcium, Dissolved, ICP | 15.1 | mg/L | | 0.05 | 0.25 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Calcium, Total, ICP | 15.5 | mg/L | | 0.05 | 0.25 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Carbazole | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Chlordecone (Kepone) | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Chlorpyrifos | | ug/L | <MDL | 0.032 | 0.0472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Chromium, Dissolved, ICP-MS | 0.000265 | mg/L | | 0.00005 | 0.00025 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Chromium, Total, ICP-MS | 0.00117 | mg/L | | 0.00005 | 0.00025 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Chrysene | 0.023 | ug/L | <RDL | 0.0094 | 0.0236 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Cobalt, Dissolved, ICP-MS | 7.73E-05 | mg/L | | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Cobalt, Total, ICP-MS | 0.000248 | mg/L | | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Conductivity, Field | 142 | umhos/cm | | | |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Copper, Dissolved, ICP-MS | 0.00277 | mg/L | | 0.0001 | 0.0005 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Copper, Total, ICP-MS | 0.00382 | mg/L | | 0.0001 | 0.0005 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Coprostanol | | ug/L | <MDL | 1.2 | 9.43 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Dalapon | | ug/L | <MDL | 0.02 | 0.0781 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Delta-BHC | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Diazinon | | ug/L | <MDL | 0.041 | 0.0472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Diazinon | | ug/L | <MDL | 0.047 | 0.236 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Dibenzo(a,h)anthracene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Dibenzofuran | | ug/L | <MDL | 0.0094 | 0.0236 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Dicamba | | ug/L | <MDL | 0.029 | 0.0781 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Dichloroprop | | ug/L | <MDL | 0.023 | 0.0781 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Dieldrin | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Diethyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Dimethyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Di-N-Butyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Di-N-Octyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Dinoseb | | ug/L | <MDL | 0.041 | 0.117 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Dissolved Oxygen, Field | 8.1 | mg/L | TA | | |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Disulfoton | | ug/L | <MDL | 0.025 | 0.0472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Endosulfan I | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Endosulfan II | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Endosulfan Sulfate | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Endrin | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Endrin Aldehyde | | ug/L | <MDL | 0.0047 | 0.00943 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Enterococcus | 810 | CFU/100ml | | | |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Escherichia coli | 240 | CFU/100ml | | | |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Estradiol | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Estrone | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Ethynyl estradiol | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Fecal Coliform | 410 | CFU/100ml | | | |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Fluoranthene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Fluorene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Fluoride | 0.13 | mg/L | | 0.02 | 0.04 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Gamma-BHC (Lindane) | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Gamma-Chlordane | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Hardness, Calc | 66.1 | mg CaCO3/L | | 0.2 | 1.25 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Heptachlor | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Heptachlor Epoxide | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Hexachlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Hexachlorobutadiene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Hexachlorocyclopentadiene | | ug/L | <MDL | 0.94 | 2.36 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Hexachloroethane | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Indeno(1,2,3-Cd)Pyrene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Iron, Dissolved, ICP | 0.086 | mg/L | <RDL | 0.05 | 0.25 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Iron, Total, ICP | 0.687 | mg/L | | 0.05 | 0.25 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Isophorone | | ug/L | <MDL | 0.24 | 0.0472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Lead, Dissolved, ICP-MS | 0.000078 | mg/L | <RDL | 0.000025 | 0.000125 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Lead, Total, ICP-MS | 0.000488 | mg/L | | 0.000025 | 0.000125 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Magnesium, Dissolved, ICP | 6.5 | mg/L | | 0.03 | 0.15 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Magnesium, Total, ICP | 6.68 | mg/L | | 0.03 | 0.15 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Malathion | | ug/L | <MDL | 0.045 | 0.0472 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Manganese, Dissolved, ICP-MS | 0.00352 | mg/L | | 0.0002 | 0.001 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | MCPA | | ug/L | <MDL | 0.028 | 0.117 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | MCPP | | ug/L | <MDL | 0.013 | 0.0781 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Mercury, Dissolved, CVAF | 8.74E-07 | mg/L | | 0.0000002 | 5E-07 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Mercury, Total, CVAF | 2.68E-06 | mg/L | | 0.0000002 | 5E-07 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Methoxychlor | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Methyltestosterone | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Molybdenum, Dissolved, ICP-MS | 0.0014 | mg/L | | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Molybdenum, Total, ICP-MS | 0.0014 | mg/L | | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Naphthalene | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Nickel, Dissolved, ICP-MS | 0.00131 | mg/L | | 0.00005 | 0.00025 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Nickel, Total, ICP-MS | 0.00194 | mg/L | | 0.00005 | 0.00025 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Nitrate Nitrogen | 0.657 | mg/L | | 0.02 | 0.04 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Nitrite + Nitrate Nitrogen | 0.657 | mg/L | | 0.02 | 0.04 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Nitrobenzene | | ug/L | <MDL | 0.047 | 0.0943 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | N-Nitrosodimethylamine | | ug/L | <MDL | 0.047 | 0.118 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | N-Nitrosodi-N-Propylamine | | ug/L | <MDL | 0.047 | 0.0943 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | N-Nitrosodiphenylamine | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Ortho Phosphorus | 0.0571 | mg/L | | 0.002 | 0.005 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Parathion-Ethyl | | ug/L | <MDL | 0.042 | 0.0472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Parathion-Methyl | | ug/L | <MDL | 0.034 | 0.0472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Pentachlorophenol | 0.23 | ug/L | <RDL | 0.19 | 4.72 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | pH, Field | 6.9 | pH | | | |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Phenanthrene | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Phenol | | ug/L | <RDL,B | 0.64 | 0.0943 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Phorate | | ug/L | <MDL | 0.031 | 0.0472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Progesterone | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Pyrene | 0.02 | ug/L | <RDL | 0.0094 | 0.0236 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Pyridine | | ug/L | <MDL | 0.94 | 2.36 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Sample Start Time | 1155 | hr | | | |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Sample Temperature, Field | 12.7 | deg C | | | |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Selenium, Dissolved, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Selenium, Total, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Silver, Dissolved, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Silver, Total, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Simazine | | ug/L | <MDL | 0.47 | 0.943 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Testosterone | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Thallium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Thallium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Total 4-Nonylphenol | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Total Suspended Solids | 7.21 | mg/L | | 0.5 | 1 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Toxaphene | | ug/L | <MDL | 0.024 | 0.0472 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Vanadium, Total, ICP-MS | 0.00299 | mg/L | | 0.000025 | 0.000125 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Vinclozolin | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Zinc, Dissolved, ICP-MS | 0.0058 | mg/L | | 0.00015 | 0.00075 |
| SAMM_IRR_RETURN_124 | 10/13/2003 | L29861-1 | Zinc, Total, ICP-MS | 0.00933 | mg/L | | 0.00015 | 0.00075 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | 1,2,4-Trichlorobenzene | | ug/L | <MDL,G | 0.0051 | 0.0101 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | 1,2-Dichlorobenzene | | ug/L | <MDL,G | 0.0051 | 0.0101 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | 1,2-Diphenylhydrazine | | ug/L | <MDL | 0.19 | 0.383 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | 1,3-Dichlorobenzene | | ug/L | <MDL,G | 0.0051 | 0.0101 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | 1,4-Dichlorobenzene | | ug/L | <MDL,G | 0.0025 | 0.00505 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | 2,4,5-T | | ug/L | <MDL,H | 0.057 | 0.16 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | 2,4,5-TP (Silvex) | | ug/L | <MDL,H | 0.023 | 0.08 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | 2,4,5-Trichlorophenol | | ug/L | <MDL | 0.23 | 0.459 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | 2,4,6-Trichlorophenol | | ug/L | <MDL | 0.25 | 0.497 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | 2,4-D | | ug/L | <MDL,H | 0.03 | 0.08 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | 2,4-DB | | ug/L | <MDL,H | 0.058 | 0.16 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | 2,4-Dichlorophenol | | ug/L | <MDL | 0.31 | 0.612 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | 2,4-Dimethylphenol | | ug/L | <MDL,G | 0.13 | 0.268 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | 2,4-Dinitrophenol | | ug/L | <MDL | 0.26 | 0.51 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | 2,4-Dinitrotoluene | | ug/L | <MDL | 0.057 | 0.115 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | 2,6-Dinitrotoluene | | ug/L | <MDL | 0.19 | 0.383 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | 2-Chloronaphthalene | | ug/L | <MDL,G | 0.31 | 0.612 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | 2-Chlorophenol | | ug/L | <MDL | 0.15 | 0.306 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | 2-Methylnaphthalene | | ug/L | <MDL,G | 0.27 | 0.536 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | 2-Methylphenol | | ug/L | <MDL | 0.36 | 0.727 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | 2-Nitroaniline | | ug/L | <MDL | 0.13 | 0.255 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | 2-Nitrophenol | | ug/L | <MDL | 0.29 | 0.574 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | 3,3'-Dichlorobenzidine | | ug/L | <MDL | 0.051 | 0.102 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | 3-Methylphenol | | ug/L | <MDL,G | 0.051 | 0.102 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | 3-Nitroaniline | | ug/L | <MDL | 0.13 | 0.255 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | 4,4'-DDD | | ug/L | <MDL | 0.0026 | 0.00526 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | 4,4'-DDE | | ug/L | <MDL | 0.0026 | 0.00526 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | 4,4'-DDT | | ug/L | <MDL | 0.0026 | 0.00526 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | 4,6-Dinitro-O-Cresol | | ug/L | <MDL | 0.26 | 0.51 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | 4-Bromophenyl Phenyl Ether | | ug/L | <MDL | 0.17 | 0.344 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | 4-Chloro-3-Methylphenol | | ug/L | <MDL | 0.051 | 0.102 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | 4-Chloroaniline | | ug/L | <MDL,G | 0.051 | 0.102 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | 4-Chlorophenyl Phenyl Ether | | ug/L | <MDL,G | 0.25 | 0.497 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | 4-Methylphenol | | ug/L | <MDL | 0.31 | 0.612 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | 4-Nitroaniline | | ug/L | <MDL | 0.26 | 0.51 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | 4-Nitrophenol | | ug/L | <MDL | 0.26 | 0.51 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Acenaphthene | | ug/L | <MDL,G | 0.13 | 0.268 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Acenaphthylene | | ug/L | <MDL,G | 0.29 | 0.574 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Aldrin | | ug/L | <MDL | 0.0026 | 0.00526 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Alpha-BHC | | ug/L | <MDL | 0.0026 | 0.00526 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Aluminum, Dissolved, ICP-MS | 0.0072 | mg/L | <RDL | 0.002 | 0.01 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Aluminum, Total, ICP-MS | 0.0937 | mg/L | | 0.002 | 0.01 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Ammonia Nitrogen | 0.012 | mg/L | <RDL | 0.01 | 0.02 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Aniline | | ug/L | <MDL,G | 0.36 | 0.727 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Anthracene | | ug/L | <MDL | 0.077 | 0.153 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Antimony, Dissolved, ICP-MS | 0.000063 | mg/L | | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Antimony, Total, ICP-MS | 0.00007 | mg/L | | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Aroclor 1016 | | ug/L | <MDL | 0.026 | 0.0526 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Aroclor 1221 | | ug/L | <MDL | 0.026 | 0.0526 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Aroclor 1232 | | ug/L | <MDL | 0.026 | 0.0526 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Aroclor 1242 | | ug/L | <MDL | 0.026 | 0.0526 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Aroclor 1248 | | ug/L | <MDL | 0.026 | 0.0526 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Aroclor 1254 | | ug/L | <MDL | 0.026 | 0.0526 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Aroclor 1260 | | ug/L | <MDL | 0.026 | 0.0526 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Arsenic, Dissolved, ICP-MS | 0.00162 | mg/L | | 0.0001 | 0.0005 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Arsenic, Total, ICP-MS | 0.00173 | mg/L | | 0.0001 | 0.0005 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Barium, Dissolved, ICP-MS | 0.00648 | mg/L | | 0.000025 | 0.000125 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Barium, Total, ICP-MS | 0.00656 | mg/L | | 0.0002 | 0.001 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Benzo(a)anthracene | | ug/L | <MDL | 0.038 | 0.0765 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Benzo(a)pyrene | | ug/L | <MDL | 0.057 | 0.115 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Benzo(b)fluoranthene | | ug/L | <MDL | 0.057 | 0.115 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Benzo(g,h,i)perylene | | ug/L | <MDL | 0.15 | 0.306 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Benzo(k)fluoranthene | | ug/L | <MDL | 0.057 | 0.115 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Benzoic Acid | | ug/L | <MDL,G | 0.11 | 0.23 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Benzyl Alcohol | | ug/L | <MDL | 0.11 | 0.23 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Benzyl Butyl Phthalate | | ug/L | <RDL,B | 1.1 | 0.23 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Beryllium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Beryllium, Total, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Beta-BHC | | ug/L | <MDL | 0.0026 | 0.00526 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Bis(2-Chloroethoxy)Methane | | ug/L | <MDL | 0.33 | 0.651 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Bis(2-Chloroethyl)Ether | | ug/L | <MDL | 0.29 | 0.574 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Bis(2-Chloroisopropyl)Ether | | ug/L | <MDL | 0.29 | 0.574 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Bis(2-Ethylhexyl)Phthalate | | ug/L | B,L | 7.05 | 0.268 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Cadmium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Cadmium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Caffeine | 0.14 | ug/L | <RDL | 0.11 | 0.23 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Calcium, Dissolved, ICP | 16.2 | mg/L | | 0.05 | 0.25 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Calcium, Total, ICP | 16.5 | mg/L | | 0.05 | 0.25 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Carbazole | | ug/L | <MDL | 0.13 | 0.268 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Chlordane | | ug/L | <MDL | 0.013 | 0.0263 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Chlorpyrifos | | ug/L | <MDL | 0.035 | 0.0515 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Chromium, Dissolved, ICP-MS | 0.00024 | mg/L | <RDL | 0.00005 | 0.00025 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Chromium, Total, ICP-MS | 0.000457 | mg/L | | 0.00005 | 0.00025 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Chrysene | | ug/L | <MDL | 0.077 | 0.153 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Cobalt, Dissolved, ICP-MS | 6.47E-05 | mg/L | | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Cobalt, Total, ICP-MS | 0.000112 | mg/L | | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Copper, Dissolved, ICP-MS | 0.00035 | mg/L | <RDL | 0.0001 | 0.0005 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Copper, Total, ICP-MS | 0.000506 | mg/L | | 0.0001 | 0.0005 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Coprostanol | | ug/L | <MDL,G | 0.27 | 0.536 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Dalapon | | ug/L | <MDL,H | 0.012 | 0.08 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Delta-BHC | | ug/L | <MDL | 0.0026 | 0.00526 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Diazinon | | ug/L | <MDL | 0.044 | 0.0515 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Dibenzo(a,h)anthracene | | ug/L | <MDL | 0.13 | 0.268 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Dibenzofuran | | ug/L | <MDL,G | 0.27 | 0.536 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Dicamba | | ug/L | <MDL,H | 0.022 | 0.08 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Dichloroprop | | ug/L | <MDL,H | 0.011 | 0.08 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Dieldrin | | ug/L | <MDL | 0.0026 | 0.00526 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Diethyl Phthalate | | ug/L | <MDL | 0.11 | 0.23 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Dimethyl Phthalate | | ug/L | <MDL | 0.21 | 0.421 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Di-N-Butyl Phthalate | | ug/L | <RDL,B,L | 1.2 | 0.191 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Di-N-Octyl Phthalate | | ug/L | <MDL | 0.15 | 0.306 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Dinoseb | | ug/L | <MDL,H | 0.029 | 0.08 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Disulfoton | | ug/L | <MDL | 0.028 | 0.0515 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Endosulfan I | | ug/L | <MDL | 0.0026 | 0.00526 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Endosulfan II | | ug/L | <MDL | 0.0026 | 0.00526 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Endosulfan Sulfate | | ug/L | <MDL | 0.0026 | 0.00526 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Endrin | | ug/L | <MDL | 0.0026 | 0.00526 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Endrin Aldehyde | | ug/L | <MDL | 0.0026 | 0.00526 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Enterococcus | 16 | CFU/100ml | | | |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Escherichia coli | 17 | CFU/100ml | | | |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Fecal Coliform | 14 | CFU/100ml | | | |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Fluoranthene | | ug/L | <MDL | 0.15 | 0.306 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Fluorene | | ug/L | <MDL | 0.25 | 0.497 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Fluoride | | mg/L | <MDL | 0.05 | 0.1 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Gamma-BHC (Lindane) | | ug/L | <MDL | 0.0026 | 0.00526 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Hardness, Calc | 104 | mg CaCO3/L | | 0.2 | 1.25 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Heptachlor | | ug/L | <MDL | 0.0026 | 0.00526 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Heptachlor Epoxide | | ug/L | <MDL | 0.0026 | 0.00526 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Hexachlorobenzene | | ug/L | <MDL | 0.013 | 0.0254 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Hexachlorobutadiene | | ug/L | <MDL,G | 0.014 | 0.0287 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Hexachlorocyclopentadiene | | ug/L | <MDL,G | 0.13 | 0.255 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Hexachloroethane | | ug/L | <MDL,G | 0.29 | 0.574 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Indeno(1,2,3-Cd)Pyrene | | ug/L | <MDL | 0.17 | 0.344 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Iron, Dissolved, ICP | | mg/L | <MDL | 0.05 | 0.25 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Iron, Total, ICP | 0.259 | mg/L | | 0.05 | 0.25 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Isophorone | | ug/L | <MDL | 0.36 | 0.727 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Lead, Dissolved, ICP-MS | 0.000069 | mg/L | <RDL | 0.000025 | 0.000125 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Lead, Total, ICP-MS | 0.000153 | mg/L | | 0.000025 | 0.000125 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Magnesium, Dissolved, ICP | 15 | mg/L | | 0.03 | 0.15 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Magnesium, Total, ICP | 15.2 | mg/L | | 0.03 | 0.15 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Malathion | | ug/L | <MDL | 0.049 | 0.0515 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | MCPA | | ug/L | <MDL,H | 0.011 | 0.08 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | MCPP | | ug/L | <MDL,H | 0.013 | 0.08 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Mercury, Dissolved, CVAF | 7.18E-07 | mg/L | | 0.0000001 | 5E-07 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Mercury, Total, CVAF | 1.26E-06 | mg/L | | 0.0000001 | 5E-07 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Methoxychlor | | ug/L | <MDL | 0.013 | 0.0263 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Molybdenum, Dissolved, ICP-MS | 0.000276 | mg/L | | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Molybdenum, Total, ICP-MS | 0.000284 | mg/L | | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Naphthalene | | ug/L | <MDL,G | 0.27 | 0.536 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Nickel, Dissolved, ICP-MS | 0.000583 | mg/L | | 0.00005 | 0.00025 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Nickel, Total, ICP-MS | 0.000799 | mg/L | | 0.00005 | 0.00025 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Nitrate Nitrogen | 0.296 | mg/L | | 0.02 | 0.04 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Nitrite + Nitrate Nitrogen | 0.296 | mg/L | | 0.02 | 0.04 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Nitrobenzene | | ug/L | <MDL,G | 0.31 | 0.612 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | N-Nitrosodimethylamine | | ug/L | <MDL | 0.38 | 0.765 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | N-Nitrosodi-N-Propylamine | | ug/L | <MDL | 0.17 | 0.344 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | N-Nitrosodiphenylamine | | ug/L | <MDL | 0.38 | 0.765 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Ortho Phosphorus | 0.0303 | mg/L | | 0.002 | 0.005 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Parathion-Ethyl | | ug/L | <MDL | 0.046 | 0.0515 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Parathion-Methyl | | ug/L | <MDL | 0.037 | 0.0515 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Pentachlorophenol | | ug/L | <MDL | 0.096 | 0.191 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Phenanthrene | | ug/L | <MDL | 0.077 | 0.153 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Phenol | | ug/L | <MDL | 0.17 | 0.344 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Phorate | | ug/L | <MDL | 0.034 | 0.0515 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Pyrene | | ug/L | <MDL | 0.077 | 0.153 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Pyridine | | ug/L | <MDL,G | 0.51 | 1.02 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Sample Start Time | | hr | | | |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Selenium, Dissolved, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Selenium, Total, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Silver, Dissolved, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Silver, Total, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Thallium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Thallium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Total Suspended Solids | 2.5 | mg/L | | 0.5 | 1 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Toxaphene | | ug/L | <MDL | 0.026 | 0.0526 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Vanadium, Dissolved, ICP-MS | 0.00144 | mg/L | | 0.000025 | 0.000125 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Vanadium, Total, ICP-MS | 0.00176 | mg/L | | 0.000025 | 0.000125 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Zinc, Dissolved, ICP-MS | | mg/L | <RDL,B | 0.00255 | 0.00075 |
| SAMM_IRR_RETURN_145 | 9/4/2001 | L21953-5 | Zinc, Total, ICP-MS | 0.000888 | mg/L | | 0.00015 | 0.00075 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | 1,2,4-Trichlorobenzene | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | 1,2-Dichlorobenzene | | ug/L | <MDL | 0.0049 | 0.00971 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | 1,2-Diphenylhydrazine | | ug/L | <MDL | 0.049 | 0.0971 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | 1,3-Dichlorobenzene | | ug/L | <MDL | 0.0049 | 0.00971 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | 1,4-Dichlorobenzene | | ug/L | <MDL | 0.0049 | 0.00971 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | 2,4,5-T | | ug/L | <MDL | 0.048 | 0.16 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | 2,4,5-TP (Silvex) | | ug/L | <MDL | 0.016 | 0.08 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | 2,4,5-Trichlorophenol | | ug/L | <MDL | 0.049 | 0.243 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | 2,4,6-Trichlorophenol | | ug/L | <MDL | 0.049 | 0.243 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | 2,4-D | | ug/L | <MDL | 0.038 | 0.12 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | 2,4-DB | | ug/L | <MDL | 0.043 | 0.12 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | 2,4-Dichlorophenol | | ug/L | <MDL | 0.024 | 0.243 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | 2,4-Dimethylphenol | | ug/L | <MDL | 0.024 | 0.243 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | 2,4-Dinitrophenol | | ug/L | <MDL | 0.24 | 2.43 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | 2,4-Dinitrotoluene | | ug/L | <MDL | 0.49 | 0.971 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | 2,6-Dinitrotoluene | | ug/L | <MDL | 0.49 | 0.971 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | 2-Chloronaphthalene | | ug/L | <MDL | 0.0097 | 0.0243 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | 2-Chlorophenol | | ug/L | <MDL | 0.0097 | 0.0243 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | 2-Methylnaphthalene | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | 2-Methylphenol | | ug/L | <MDL | 0.024 | 0.121 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | 2-Nitroaniline | | ug/L | <MDL | 0.49 | 0.971 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | 2-Nitrophenol | | ug/L | <MDL | 0.049 | 0.243 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | 3,3'-Dichlorobenzidine | | ug/L | <MDL | 0.049 | 0.0971 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | 3-Methylphenol | | ug/L | <MDL | 0.024 | 0.121 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | 3-Nitroaniline | | ug/L | <MDL | 0.12 | 0.485 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | 4,4'-DDD | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | 4,4'-DDE | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | 4,4'-DDT | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | 4,6-Dinitro-O-Cresol | | ug/L | <MDL | 0.24 | 2.43 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | 4-Bromophenyl Phenyl Ether | | ug/L | <MDL | 0.049 | 0.0971 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | 4-Chloro-3-Methylphenol | | ug/L | <MDL | 0.049 | 0.243 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | 4-Chloroaniline | | ug/L | <MDL | 0.024 | 0.121 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | 4-Chlorophenyl Phenyl Ether | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | 4-Methylphenol | 0.04 | ug/L | <RDL | 0.024 | 0.121 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | 4-Nitroaniline | | ug/L | <MDL | 0.49 | 0.971 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | 4-Nitrophenol | | ug/L | <MDL | 0.24 | 2.43 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Acenaphthene | | ug/L | <MDL | 0.0049 | 0.00971 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Acenaphthylene | | ug/L | <MDL | 0.049 | 0.0971 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Aldrin | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Alpha-BHC | | ug/L | <MDL | 0.00059 | 0.00118 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Alpha-Chlordane | | ug/L | <MDL | 0.00059 | 0.00118 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Aluminum, Dissolved, ICP-MS | 0.0112 | mg/L | | 0.002 | 0.01 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Aluminum, Total, ICP-MS | 0.26 | mg/L | | 0.004 | 0.02 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Ammonia Nitrogen | 0.017 | mg/L | <RDL | 0.01 | 0.02 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Aniline | | ug/L | <MDL | 0.049 | 0.0971 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Anthracene | | ug/L | <MDL | 0.0097 | 0.0243 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Antimony, Dissolved, ICP-MS | 7.12E-05 | mg/L | | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Antimony, Total, ICP-MS | 8.37E-05 | mg/L | | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Aroclor 1016 | | ug/L | <MDL | 0.0059 | 0.0118 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Aroclor 1221 | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Aroclor 1232 | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Aroclor 1242 | | ug/L | <MDL | 0.0059 | 0.0118 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Aroclor 1248 | | ug/L | <MDL | 0.0059 | 0.0118 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Aroclor 1254 | | ug/L | <MDL | 0.0059 | 0.0118 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Aroclor 1260 | | ug/L | <MDL | 0.0059 | 0.0118 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Arsenic, Dissolved, ICP-MS | 0.000965 | mg/L | | 0.0001 | 0.0005 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Arsenic, Total, ICP-MS | 0.00122 | mg/L | | 0.0001 | 0.0005 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Atrazine | | ug/L | <MDL | 0.049 | 0.243 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Barium, Dissolved, ICP-MS | 0.00764 | mg/L | | 0.0002 | 0.001 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Barium, Total, ICP-MS | 0.0103 | mg/L | | 0.0002 | 0.001 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Benzidine | | ug/L | <MDL | 0.49 | 4.85 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Benzo(a)anthracene | | ug/L | <MDL | 0.0049 | 0.00971 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Benzo(a)pyrene | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Benzo(b)fluoranthene | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Benzo(g,h,i)perylene | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Benzo(k)fluoranthene | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Benzoic Acid | | ug/L | <MDL | 0.24 | 2.43 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Benzyl Alcohol | | ug/L | <MDL | 0.049 | 0.243 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Benzyl Butyl Phthalate | | ug/L | <MDL | 0.24 | 0.485 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Beryllium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Beryllium, Total, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Beta-BHC | | ug/L | <MDL | 0.00059 | 0.00118 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Bis(2-Chloroethoxy)Methane | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Bis(2-Chloroethyl)Ether | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Bis(2-Chloroisopropyl)Ether | | ug/L | <MDL | 0.0097 | 0.0243 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Bis(2-ethylhexyl)adipate | | ug/L | <RDL,B | 1.05 | 0.485 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Bis(2-Ethylhexyl)Phthalate | | ug/L | B | 2.25 | 0.0485 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Bisphenol A | | ug/L | <MDL | 0.12 | 0.485 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Cadmium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Cadmium, Total, ICP-MS | 0.000011 | mg/L | <RDL | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Caffeine | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Calcium, Dissolved, ICP | 15.9 | mg/L | | 0.05 | 0.25 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Calcium, Total, ICP | 15.5 | mg/L | | 0.05 | 0.25 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Carbazole | | ug/L | <MDL | 0.0097 | 0.0243 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Chlordecone (Kepone) | | ug/L | <MDL | 0.12 | 0.485 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Chlorpyrifos | | ug/L | <MDL | 0.032 | 0.0472 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Chromium, Dissolved, ICP-MS | 0.00024 | mg/L | <RDL | 0.00005 | 0.00025 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Chromium, Total, ICP-MS | 0.00118 | mg/L | | 0.00005 | 0.00025 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Chrysene | | ug/L | <MDL | 0.0097 | 0.0243 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Cobalt, Dissolved, ICP-MS | 0.000038 | mg/L | <RDL | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Conductivity, Field | 224 | umhos/cm | | | |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Copper, Dissolved, ICP-MS | 0.0004 | mg/L | <RDL | 0.0001 | 0.0005 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Copper, Total, ICP-MS | 0.00106 | mg/L | | 0.0001 | 0.0005 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Coprostanol | | ug/L | <MDL | 1.2 | 9.71 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Dalapon | | ug/L | <MDL | 0.047 | 0.16 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Delta-BHC | | ug/L | <MDL | 0.00059 | 0.00118 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Diazinon | | ug/L | <MDL | 0.041 | 0.0472 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Diazinon | | ug/L | <MDL | 0.049 | 0.243 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Dibenzo(a,h)anthracene | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Dibenzofuran | | ug/L | <MDL | 0.0097 | 0.0243 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Dicamba | | ug/L | <MDL | 0.039 | 0.12 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Dichloroprop | | ug/L | <MDL | 0.016 | 0.08 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Dieldrin | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Diethyl Phthalate | 0.057 | ug/L | <RDL | 0.024 | 0.0971 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Dimethyl Phthalate | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Di-N-Butyl Phthalate | | ug/L | B | 1.15 | 0.243 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Di-N-Octyl Phthalate | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Dinoseb | | ug/L | <MDL | 0.046 | 0.16 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Dissolved Oxygen, Field | 10.2 | mg/L | | | |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Disulfoton | | ug/L | <MDL | 0.025 | 0.0472 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Endosulfan I | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Endosulfan II | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Endosulfan Sulfate | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Endrin | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Endrin Aldehyde | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Enterococcus | 21 | CFU/100ml | | | |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Escherichia coli | 25 | CFU/100ml | | | |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Estradiol | | ug/L | <MDL | 0.12 | 0.485 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Estrone | | ug/L | <MDL | 0.12 | 0.485 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Ethynyl estradiol | | ug/L | <MDL | 0.12 | 0.485 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Fecal Coliform | 29 | CFU/100ml | | | |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Fluoranthene | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Fluorene | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Fluoride | 0.0483 | mg/L | | 0.02 | 0.04 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Gamma-BHC (Lindane) | | ug/L | <MDL | 0.00059 | 0.00118 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Gamma-Chlordane | | ug/L | <MDL | 0.00059 | 0.00118 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Hardness, Calc | 98.8 | mg CaCO3/L | | 0.2 | 1.25 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Heptachlor | | ug/L | <MDL | 0.00059 | 0.00118 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Heptachlor Epoxide | | ug/L | <MDL | 0.00059 | 0.00118 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Hexachlorobenzene | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Hexachlorobutadiene | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Hexachlorocyclopentadiene | | ug/L | <MDL | 0.049 | 0.485 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Hexachloroethane | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Indeno(1,2,3-Cd)Pyrene | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Iron, Dissolved, ICP | | mg/L | <MDL | 0.05 | 0.25 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Iron, Total, ICP | 0.6 | mg/L | | 0.05 | 0.25 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Isophorone | | ug/L | <MDL | 0.24 | 0.0485 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Lead, Dissolved, ICP-MS | 0.000026 | mg/L | <RDL | 0.000025 | 0.000125 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Lead, Total, ICP-MS | 0.000703 | mg/L | | 0.000025 | 0.000125 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Magnesium, Dissolved, ICP | 14.8 | mg/L | | 0.03 | 0.15 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Magnesium, Total, ICP | 14.6 | mg/L | | 0.03 | 0.15 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Malathion | | ug/L | <MDL | 0.045 | 0.0472 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | MCPA | | ug/L | <MDL | 0.022 | 0.08 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | MCPP | | ug/L | <MDL | 0.03 | 0.08 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Mercury, Dissolved, CVAF | 4.8E-07 | mg/L | <RDL | 0.0000001 | 5E-07 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Mercury, Total, CVAF | 2.56E-06 | mg/L | | 0.0000001 | 5E-07 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Methoxychlor | | ug/L | <MDL | 0.0059 | 0.0118 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Methyltestosterone | | ug/L | <MDL | 0.12 | 0.485 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Molybdenum, Dissolved, ICP-MS | 0.000237 | mg/L | | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Molybdenum, Total, ICP-MS | 0.000247 | mg/L | | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Naphthalene | | ug/L | <MDL | 0.0097 | 0.0243 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Nickel, Dissolved, ICP-MS | 0.000542 | mg/L | | 0.00005 | 0.00025 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Nickel, Total, ICP-MS | 0.00137 | mg/L | | 0.00005 | 0.00025 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Nitrate Nitrogen | 0.666 | mg/L | | 0.02 | 0.04 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Nitrite + Nitrate Nitrogen | 0.666 | mg/L | | 0.02 | 0.04 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Nitrobenzene | | ug/L | <MDL | 0.049 | 0.0971 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | N-Nitrosodimethylamine | | ug/L | <MDL | 0.049 | 0.121 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | N-Nitrosodi-N-Propylamine | | ug/L | <MDL | 0.049 | 0.0971 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | N-Nitrosodiphenylamine | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Ortho Phosphorus | 0.0291 | mg/L | | 0.002 | 0.005 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Parathion-Ethyl | | ug/L | <MDL | 0.042 | 0.0472 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Parathion-Methyl | | ug/L | <MDL | 0.034 | 0.0472 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Pentachlorophenol | | ug/L | <MDL | 0.12 | 0.971 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | pH, Field | 7.4 | pH | | | |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Phenanthrene | | ug/L | <MDL | 0.0097 | 0.0243 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Phenol | | ug/L | B | 0.09 | 0.00971 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Phorate | | ug/L | <MDL | 0.031 | 0.0472 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Progesterone | | ug/L | <MDL | 0.12 | 0.485 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Pyrene | | ug/L | <MDL | 0.0097 | 0.0243 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Pyridine | | ug/L | <MDL | 0.49 | 0.971 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Sample Temperature, Field | 12.5 | deg C | | | |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Selenium, Dissolved, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Selenium, Total, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Silver, Dissolved, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Silver, Total, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Simazine | | ug/L | <MDL | 0.049 | 0.243 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Testosterone | | ug/L | <MDL | 0.12 | 0.485 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Thallium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Thallium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Total 4-Nonylphenol | | ug/L | <MDL | 0.12 | 0.485 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Total Suspended Solids | 12.4 | mg/L | H | 0.5 | 1 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Toxaphene | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Vanadium, Dissolved, ICP-MS | 0.00139 | mg/L | | 0.000025 | 0.000125 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Vanadium, Total, ICP-MS | 0.00222 | mg/L | | 0.000025 | 0.000125 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Vinclozolin | | ug/L | <MDL | 0.12 | 0.485 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Zinc, Dissolved, ICP-MS | | mg/L | B | 0.00545 | 0.00075 |
| SAMM_IRR_RETURN_145 | 10/7/2002 | L25875-5 | Zinc, Total, ICP-MS | 0.00266 | mg/L | | 0.00015 | 0.00075 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | 1,2,4-Trichlorobenzene | | ug/L | <MDL | 0.024 | 0.0474 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | 1,2-Dichlorobenzene | | ug/L | <MDL | 0.024 | 0.0474 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | 1,2-Diphenylhydrazine | | ug/L | <MDL | 0.047 | 0.0948 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | 1,3-Dichlorobenzene | | ug/L | <MDL | 0.024 | 0.0474 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | 1,4-Dichlorobenzene | | ug/L | <MDL | 0.024 | 0.0474 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | 2,4,5-T | | ug/L | <MDL | 0.043 | 0.12 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | 2,4,5-TP (Silvex) | | ug/L | <MDL | 0.046 | 0.16 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | 2,4,5-Trichlorophenol | | ug/L | <MDL | 0.24 | 0.948 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | 2,4,6-Trichlorophenol | | ug/L | <MDL | 0.24 | 0.948 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | 2,4-D | | ug/L | <MDL | 0.016 | 0.08 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | 2,4-DB | | ug/L | <MDL | 0.022 | 0.08 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | 2,4-Dichlorophenol | | ug/L | <MDL | 0.024 | 0.237 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | 2,4-Dimethylphenol | | ug/L | <MDL | 0.024 | 0.237 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | 2,4-Dinitrophenol | | ug/L | <MDL | 0.24 | 2.37 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | 2,4-Dinitrotoluene | | ug/L | <MDL | 0.47 | 0.948 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | 2,6-Dinitrotoluene | | ug/L | <MDL | 0.47 | 0.948 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | 2-Chloronaphthalene | | ug/L | <MDL | 0.0095 | 0.0237 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | 2-Chlorophenol | | ug/L | <MDL | 0.0095 | 0.0237 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | 2-Methylnaphthalene | | ug/L | <MDL | 0.024 | 0.0474 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | 2-Methylphenol | | ug/L | <MDL | 0.024 | 0.118 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | 2-Nitroaniline | | ug/L | <MDL | 0.47 | 0.948 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | 2-Nitrophenol | | ug/L | <MDL | 0.095 | 0.237 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | 3,3'-Dichlorobenzidine | | ug/L | <MDL | 0.047 | 0.0948 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | 3-Methylphenol | | ug/L | <MDL | 0.024 | 0.118 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | 3-Nitroaniline | | ug/L | <MDL | 0.12 | 0.474 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | 4,4'-DDD | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | 4,4'-DDE | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | 4,4'-DDT | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | 4,6-Dinitro-O-Cresol | | ug/L | <MDL | 0.24 | 2.37 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | 4-Bromophenyl Phenyl Ether | | ug/L | <MDL | 0.047 | 0.0948 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | 4-Chloro-3-Methylphenol | | ug/L | <MDL | 0.24 | 0.948 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | 4-Chloroaniline | | ug/L | <MDL | 0.024 | 0.118 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | 4-Chlorophenyl Phenyl Ether | | ug/L | <MDL | 0.024 | 0.0474 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | 4-Methylphenol | | ug/L | <MDL | 0.024 | 0.118 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | 4-Nitroaniline | | ug/L | <MDL | 0.47 | 0.948 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | 4-Nitrophenol | | ug/L | <MDL | 0.24 | 2.37 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Acenaphthene | | ug/L | <MDL | 0.0047 | 0.00948 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Acenaphthylene | | ug/L | <MDL | 0.047 | 0.0948 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Aldrin | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Alpha-BHC | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Alpha-Chlordane | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Aluminum, Dissolved, ICP-MS | 0.0075 | mg/L | <RDL | 0.002 | 0.01 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Aluminum, Total, ICP-MS | 0.183 | mg/L | | 0.002 | 0.01 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Ammonia Nitrogen | 0.016 | mg/L | <RDL | 0.01 | 0.02 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Aniline | | ug/L | <MDL | 0.95 | 2.37 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Anthracene | | ug/L | <MDL | 0.0095 | 0.0237 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Antimony, Dissolved, ICP-MS | 7.21E-05 | mg/L | H | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Antimony, Total, ICP-MS | 6.79E-05 | mg/L | H | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Aroclor 1016 | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Aroclor 1221 | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Aroclor 1232 | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Aroclor 1242 | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Aroclor 1248 | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Aroclor 1254 | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Aroclor 1260 | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Arsenic, Dissolved, ICP-MS | 0.00123 | mg/L | H | 0.0001 | 0.0005 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Arsenic, Total, ICP-MS | 0.00142 | mg/L | H | 0.0001 | 0.0005 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Atrazine | | ug/L | <MDL | 0.47 | 0.948 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Barium, Dissolved, ICP-MS | 0.00741 | mg/L | H | 0.000025 | 0.000125 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Barium, Total, ICP-MS | 0.0092 | mg/L | H | 0.000025 | 0.000125 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Benzidine | | ug/L | <MDL | 0.95 | 4.74 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Benzo(a)anthracene | | ug/L | <MDL | 0.0047 | 0.00948 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Benzo(a)pyrene | | ug/L | <MDL | 0.024 | 0.0474 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Benzo(b)fluoranthene | | ug/L | <MDL | 0.024 | 0.0474 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Benzo(g,h,i)perylene | | ug/L | <MDL | 0.024 | 0.0474 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Benzo(k)fluoranthene | | ug/L | <MDL | 0.024 | 0.0474 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Benzoic Acid | | ug/L | <MDL | 0.24 | 2.37 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Benzyl Alcohol | | ug/L | <MDL | 0.047 | 0.237 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Benzyl Butyl Phthalate | | ug/L | <MDL | 0.24 | 0.474 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Beryllium, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.00005 | 0.00025 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Beryllium, Total, ICP-MS | | mg/L | <MDL,H | 0.00005 | 0.00025 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Beta-BHC | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Bis(2-Chloroethoxy)Methane | | ug/L | <MDL | 0.024 | 0.0474 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Bis(2-Chloroethyl)Ether | | ug/L | <MDL | 0.024 | 0.0474 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Bis(2-Chloroisopropyl)Ether | | ug/L | <MDL | 0.0095 | 0.0237 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Bis(2-ethylhexyl)adipate | | ug/L | <RDL,B | 2.2 | 0.474 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Bis(2-Ethylhexyl)Phthalate | | ug/L | B | 8.76 | 0.474 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Bisphenol A | | ug/L | <MDL | 0.12 | 0.474 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Cadmium, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Cadmium, Total, ICP-MS | 0.000012 | mg/L | <RDL,H | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Caffeine | | ug/L | <MDL | 0.024 | 0.0474 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Calcium, Dissolved, ICP | 16.7 | mg/L | | 0.05 | 0.25 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Calcium, Total, ICP | 17 | mg/L | | 0.05 | 0.25 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Carbazole | | ug/L | <MDL | 0.0095 | 0.0237 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Chlordecone (Kepone) | | ug/L | <MDL | 0.12 | 0.474 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Chlorpyrifos | | ug/L | <MDL | 0.032 | 0.0472 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Chromium, Dissolved, ICP-MS | 0.0002 | mg/L | <RDL,H | 0.00005 | 0.00025 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Chromium, Total, ICP-MS | 0.000713 | mg/L | H | 0.00005 | 0.00025 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Chrysene | | ug/L | <MDL | 0.0095 | 0.0237 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Cobalt, Dissolved, ICP-MS | 0.000044 | mg/L | <RDL,H | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Cobalt, Total, ICP-MS | 0.000132 | mg/L | H | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Conductivity, Field | 257 | umhos/cm | | | |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Copper, Dissolved, ICP-MS | 0.00038 | mg/L | <RDL,H | 0.0001 | 0.0005 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Copper, Total, ICP-MS | 0.000714 | mg/L | H | 0.0001 | 0.0005 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Coprostanol | | ug/L | <MDL | 1.2 | 9.48 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Dalapon | | ug/L | <MDL | 0.047 | 0.16 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Delta-BHC | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Diazinon | | ug/L | <MDL | 0.047 | 0.237 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Diazinon | | ug/L | <MDL | 0.041 | 0.0472 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Dibenzo(a,h)anthracene | | ug/L | <MDL | 0.024 | 0.0474 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Dibenzofuran | | ug/L | <MDL | 0.0095 | 0.0237 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Dicamba | | ug/L | <MDL | 0.039 | 0.12 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Dichloroprop | | ug/L | <MDL | 0.023 | 0.08 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Dieldrin | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Diethyl Phthalate | | ug/L | <MDL | 0.24 | 0.474 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Dimethyl Phthalate | | ug/L | <MDL | 0.24 | 0.474 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Di-N-Butyl Phthalate | | ug/L | <MDL | 0.24 | 0.474 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Di-N-Octyl Phthalate | | ug/L | <MDL | 0.24 | 0.474 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Dinoseb | | ug/L | <MDL | 0.03 | 0.08 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Dissolved Oxygen, Field | 8.3 | mg/L | | | |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Disulfoton | | ug/L | <MDL | 0.025 | 0.0472 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Endosulfan I | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Endosulfan II | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Endosulfan Sulfate | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Endrin | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Endrin Aldehyde | | ug/L | <MDL | 0.0047 | 0.00943 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Enterococcus | 65 | CFU/100ml | | | |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Escherichia coli | 2 | CFU/100ml | | | |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Estradiol | | ug/L | <MDL | 0.12 | 0.474 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Estrone | | ug/L | <MDL | 0.12 | 0.474 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Ethynyl estradiol | | ug/L | <MDL | 0.12 | 0.474 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Fecal Coliform | 2 | CFU/100ml | | | |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Fluoranthene | | ug/L | <MDL | 0.024 | 0.0474 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Fluorene | | ug/L | <MDL | 0.024 | 0.0474 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Fluoride | 0.0446 | mg/L | | 0.02 | 0.04 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Gamma-BHC (Lindane) | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Gamma-Chlordane | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Hardness, Calc | 110 | mg CaCO3/L | | 0.2 | 1.25 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Heptachlor | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Heptachlor Epoxide | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Hexachlorobenzene | | ug/L | <MDL | 0.024 | 0.0474 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Hexachlorobutadiene | | ug/L | <MDL | 0.024 | 0.0474 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Hexachlorocyclopentadiene | | ug/L | <MDL | 0.95 | 2.37 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Hexachloroethane | | ug/L | <MDL | 0.024 | 0.0474 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Indeno(1,2,3-Cd)Pyrene | | ug/L | <MDL | 0.024 | 0.0474 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Iron, Dissolved, ICP | | mg/L | <MDL | 0.05 | 0.25 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Iron, Total, ICP | 0.334 | mg/L | | 0.05 | 0.25 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Isophorone | | ug/L | <MDL | 0.24 | 0.0474 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Lead, Dissolved, ICP-MS | 0.000026 | mg/L | <RDL,H | 0.000025 | 0.000125 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Lead, Total, ICP-MS | 0.000402 | mg/L | H | 0.000025 | 0.000125 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Magnesium, Dissolved, ICP | 15.9 | mg/L | | 0.03 | 0.15 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Magnesium, Total, ICP | 16.3 | mg/L | | 0.03 | 0.15 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Malathion | | ug/L | <MDL | 0.045 | 0.0472 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | MCPA | | ug/L | <MDL | 0.038 | 0.12 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | MCPP | | ug/L | <MDL | 0.016 | 0.08 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Mercury, Dissolved, CVAF | 5E-07 | mg/L | RDL | 0.0000002 | 5E-07 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Mercury, Total, CVAF | 1.46E-06 | mg/L | | 0.0000002 | 5E-07 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Methoxychlor | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Methyltestosterone | | ug/L | <MDL | 0.12 | 0.474 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Molybdenum, Dissolved, ICP-MS | 0.000284 | mg/L | H | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Molybdenum, Total, ICP-MS | 0.000299 | mg/L | H | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Naphthalene | | ug/L | <MDL | 0.012 | 0.0237 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Nickel, Dissolved, ICP-MS | 0.000651 | mg/L | H | 0.00005 | 0.00025 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Nickel, Total, ICP-MS | 0.0011 | mg/L | H | 0.00005 | 0.00025 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Nitrate Nitrogen | 0.36 | mg/L | | 0.02 | 0.04 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Nitrite + Nitrate Nitrogen | 0.366 | mg/L | | 0.02 | 0.04 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Nitrobenzene | | ug/L | <MDL | 0.047 | 0.0948 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | N-Nitrosodimethylamine | | ug/L | <MDL | 0.047 | 0.118 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | N-Nitrosodi-N-Propylamine | | ug/L | <MDL | 0.047 | 0.0948 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | N-Nitrosodiphenylamine | | ug/L | <MDL | 0.024 | 0.0474 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Ortho Phosphorus | 0.0236 | mg/L | | 0.002 | 0.005 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Parathion-Ethyl | | ug/L | <MDL | 0.042 | 0.0472 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Parathion-Methyl | | ug/L | <MDL | 0.034 | 0.0472 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Pentachlorophenol | | ug/L | <MDL | 0.47 | 4.74 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | pH, Field | 7.5 | pH | | | |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Phenanthrene | | ug/L | <MDL | 0.0095 | 0.0237 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Phenol | | ug/L | <MDL | 0.047 | 0.0948 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Phorate | | ug/L | <MDL | 0.031 | 0.0472 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Progesterone | | ug/L | <MDL | 0.12 | 0.474 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Pyrene | | ug/L | <MDL | 0.0095 | 0.0237 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Pyridine | | ug/L | <MDL | 0.95 | 2.37 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Sample Start Time | 1150 | hr | | | |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Sample Temperature, Field | 12.5 | deg C | | | |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Selenium, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.0005 | 0.0025 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Selenium, Total, ICP-MS | | mg/L | <MDL,H | 0.0005 | 0.0025 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Silver, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.000025 | 0.000125 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Silver, Total, ICP-MS | | mg/L | <MDL,H | 0.000025 | 0.000125 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Simazine | | ug/L | <MDL | 0.47 | 0.948 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Testosterone | | ug/L | <MDL | 0.12 | 0.474 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Thallium, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Thallium, Total, ICP-MS | | mg/L | <MDL,H | 0.00001 | 0.00005 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Total 4-Nonylphenol | | ug/L | <MDL | 0.12 | 0.474 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Total Suspended Solids | 6.4 | mg/L | | 1 | 2 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Toxaphene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Vanadium, Dissolved, ICP-MS | 0.00155 | mg/L | H | 0.000025 | 0.000125 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Vanadium, Total, ICP-MS | 0.00205 | mg/L | H | 0.000025 | 0.000125 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Vinclozolin | | ug/L | <MDL | 0.12 | 0.474 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Zinc, Dissolved, ICP-MS | 0.00043 | mg/L | <RDL,H | 0.00015 | 0.00075 |
| SAMM_IRR_RETURN_145 | 9/15/2003 | L29488-5 | Zinc, Total, ICP-MS | 0.00151 | mg/L | H | 0.00015 | 0.00075 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | 1,2,4-Trichlorobenzene | | ug/L | <MDL,G | 0.005 | 0.00994 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | 1,2-Dichlorobenzene | | ug/L | <MDL,G | 0.005 | 0.00994 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | 1,2-Diphenylhydrazine | | ug/L | <MDL | 0.19 | 0.375 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | 1,3-Dichlorobenzene | | ug/L | <MDL,G | 0.005 | 0.00994 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | 1,4-Dichlorobenzene | | ug/L | <MDL,G | 0.0025 | 0.00495 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | 2,4,5-T | | ug/L | <MDL | 0.057 | 0.16 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | 2,4,5-TP (Silvex) | | ug/L | <MDL | 0.023 | 0.08 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | 2,4,5-Trichlorophenol | | ug/L | <MDL | 0.23 | 0.45 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | 2,4,6-Trichlorophenol | | ug/L | <MDL | 0.24 | 0.488 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | 2,4-D | 0.08 | ug/L | RDL | 0.03 | 0.08 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | 2,4-DB | | ug/L | <MDL | 0.058 | 0.16 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | 2,4-Dichlorophenol | | ug/L | <MDL | 0.3 | 0.6 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | 2,4-Dimethylphenol | | ug/L | <MDL,G | 0.13 | 0.263 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | 2,4-Dinitrophenol | | ug/L | <MDL | 0.25 | 0.5 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | 2,4-Dinitrotoluene | | ug/L | <MDL | 0.056 | 0.113 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | 2,6-Dinitrotoluene | | ug/L | <MDL | 0.19 | 0.375 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | 2-Chloronaphthalene | | ug/L | <MDL,G | 0.3 | 0.6 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | 2-Chlorophenol | | ug/L | <MDL | 0.15 | 0.3 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | 2-Methylnaphthalene | | ug/L | <MDL,G | 0.26 | 0.525 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | 2-Methylphenol | | ug/L | <MDL | 0.36 | 0.713 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | 2-Nitroaniline | | ug/L | <MDL | 0.13 | 0.25 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | 2-Nitrophenol | | ug/L | <MDL | 0.28 | 0.563 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | 3,3'-Dichlorobenzidine | | ug/L | <MDL | 0.05 | 0.1 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | 3-Methylphenol | | ug/L | <MDL,G | 0.05 | 0.1 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | 3-Nitroaniline | | ug/L | <MDL | 0.13 | 0.25 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | 4,4'-DDD | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | 4,4'-DDE | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | 4,4'-DDT | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | 4,6-Dinitro-O-Cresol | | ug/L | <MDL | 0.25 | 0.5 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | 4-Bromophenyl Phenyl Ether | | ug/L | <MDL | 0.17 | 0.338 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | 4-Chloro-3-Methylphenol | | ug/L | <MDL | 0.05 | 0.1 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | 4-Chloroaniline | | ug/L | <MDL,G | 0.05 | 0.1 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | 4-Chlorophenyl Phenyl Ether | | ug/L | <MDL,G | 0.24 | 0.488 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | 4-Methylphenol | | ug/L | <MDL | 0.3 | 0.6 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | 4-Nitroaniline | | ug/L | <MDL | 0.25 | 0.5 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | 4-Nitrophenol | | ug/L | <MDL | 0.25 | 0.5 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Acenaphthene | | ug/L | <MDL,G | 0.13 | 0.263 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Acenaphthylene | | ug/L | <MDL,G | 0.28 | 0.563 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Aldrin | | ug/L | <MDL | 0.0025 | 0.005 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Alpha-BHC | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Aluminum, Dissolved, ICP-MS | 0.0046 | mg/L | <RDL | 0.002 | 0.01 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Aluminum, Total, ICP-MS | 0.0354 | mg/L | | 0.002 | 0.01 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Ammonia Nitrogen | 0.0359 | mg/L | | 0.01 | 0.02 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Aniline | | ug/L | <MDL,G | 0.36 | 0.713 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Anthracene | | ug/L | <MDL | 0.075 | 0.15 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Antimony, Dissolved, ICP-MS | 6.62E-05 | mg/L | | 0.00001 | 0.00005 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Antimony, Total, ICP-MS | 6.09E-05 | mg/L | | 0.00001 | 0.00005 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Aroclor 1016 | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Aroclor 1221 | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Aroclor 1232 | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Aroclor 1242 | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Aroclor 1248 | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Aroclor 1254 | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Aroclor 1260 | | ug/L | <MDL | 0.025 | 0.05 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Arsenic, Dissolved, ICP-MS | 0.00167 | mg/L | | 0.0001 | 0.0005 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Arsenic, Total, ICP-MS | 0.00178 | mg/L | | 0.0001 | 0.0005 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Barium, Dissolved, ICP-MS | 0.00665 | mg/L | | 0.000025 | 0.000125 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Barium, Total, ICP-MS | 0.00736 | mg/L | | 0.0002 | 0.001 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Benzo(a)anthracene | | ug/L | <MDL | 0.038 | 0.075 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Benzo(a)pyrene | | ug/L | <MDL | 0.056 | 0.113 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Benzo(b)fluoranthene | | ug/L | <MDL | 0.056 | 0.113 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Benzo(g,h,i)perylene | | ug/L | <MDL | 0.15 | 0.3 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Benzo(k)fluoranthene | | ug/L | <MDL | 0.056 | 0.113 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Benzoic Acid | | ug/L | <MDL,G | 0.11 | 0.225 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Benzyl Alcohol | | ug/L | <MDL | 0.11 | 0.225 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Benzyl Butyl Phthalate | | ug/L | <MDL | 0.11 | 0.225 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Beryllium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Beryllium, Total, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Beta-BHC | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Bis(2-Chloroethoxy)Methane | | ug/L | <MDL | 0.32 | 0.638 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Bis(2-Chloroethyl)Ether | | ug/L | <MDL | 0.28 | 0.563 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Bis(2-Chloroisopropyl)Ether | | ug/L | <MDL | 0.28 | 0.563 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Bis(2-Ethylhexyl)Phthalate | | ug/L | B,L | 7.05 | 0.263 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Cadmium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Cadmium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Caffeine | | ug/L | <MDL | 0.11 | 0.225 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Calcium, Dissolved, ICP | 14 | mg/L | | 0.05 | 0.25 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Calcium, Total, ICP | 13.4 | mg/L | | 0.05 | 0.25 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Carbazole | | ug/L | <MDL | 0.13 | 0.263 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Chlordane | | ug/L | <MDL | 0.013 | 0.025 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Chlorpyrifos | | ug/L | <MDL | 0.032 | 0.0476 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Chromium, Dissolved, ICP-MS | 0.00035 | mg/L | | 0.00005 | 0.00025 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Chromium, Total, ICP-MS | 0.000399 | mg/L | | 0.00005 | 0.00025 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Chrysene | | ug/L | <MDL | 0.075 | 0.15 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Cobalt, Dissolved, ICP-MS | 7.87E-05 | mg/L | | 0.00001 | 0.00005 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Cobalt, Total, ICP-MS | 9.29E-05 | mg/L | | 0.00001 | 0.00005 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Copper, Dissolved, ICP-MS | 0.000527 | mg/L | | 0.0001 | 0.0005 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Copper, Total, ICP-MS | 0.0006 | mg/L | | 0.0001 | 0.0005 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Coprostanol | | ug/L | <MDL,G | 0.26 | 0.525 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Dalapon | | ug/L | <MDL | 0.012 | 0.08 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Delta-BHC | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Diazinon | | ug/L | <MDL | 0.041 | 0.0476 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Dibenzo(a,h)anthracene | | ug/L | <MDL | 0.13 | 0.263 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Dibenzofuran | | ug/L | <MDL,G | 0.26 | 0.525 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Dicamba | | ug/L | <MDL | 0.022 | 0.08 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Dichloroprop | | ug/L | <MDL | 0.011 | 0.08 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Dieldrin | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Diethyl Phthalate | | ug/L | <MDL | 0.11 | 0.225 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Dimethyl Phthalate | | ug/L | <MDL | 0.21 | 0.413 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Di-N-Butyl Phthalate | | ug/L | B,L | 1.2 | 0.188 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Di-N-Octyl Phthalate | | ug/L | <MDL | 0.15 | 0.3 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Dinoseb | | ug/L | <MDL | 0.029 | 0.08 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Disulfoton | | ug/L | <MDL | 0.026 | 0.0476 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Endosulfan I | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Endosulfan II | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Endosulfan Sulfate | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Endrin | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Endrin Aldehyde | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Enterococcus | 35 | CFU/100ml | | | |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Escherichia coli | 90 | CFU/100ml | | | |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Fecal Coliform | 67 | CFU/100ml | | | |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Fluoranthene | | ug/L | <MDL | 0.15 | 0.3 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Fluorene | | ug/L | <MDL | 0.24 | 0.488 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Fluoride | | mg/L | <MDL | 0.05 | 0.1 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Gamma-BHC (Lindane) | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Hardness, Calc | 61.9 | mg CaCO3/L | | 0.2 | 1.25 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Heptachlor | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Heptachlor Epoxide | | ug/L | <MDL | 0.0025 | 0.005 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Hexachlorobenzene | | ug/L | <MDL | 0.012 | 0.0249 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Hexachlorobutadiene | | ug/L | <MDL,G | 0.014 | 0.0281 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Hexachlorocyclopentadiene | | ug/L | <MDL,G | 0.13 | 0.25 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Hexachloroethane | | ug/L | <MDL,G | 0.28 | 0.563 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Indeno(1,2,3-Cd)Pyrene | | ug/L | <MDL | 0.17 | 0.338 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Iron, Dissolved, ICP | 0.713 | mg/L | | 0.05 | 0.25 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Iron, Total, ICP | 0.816 | mg/L | | 0.05 | 0.25 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Isophorone | | ug/L | <MDL | 0.36 | 0.713 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Lead, Dissolved, ICP-MS | 0.000039 | mg/L | <RDL | 0.000025 | 0.000125 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Lead, Total, ICP-MS | 0.000086 | mg/L | <RDL | 0.000025 | 0.000125 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Magnesium, Dissolved, ICP | 7.21 | mg/L | | 0.03 | 0.15 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Magnesium, Total, ICP | 6.91 | mg/L | | 0.03 | 0.15 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Malathion | | ug/L | <MDL | 0.046 | 0.0476 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | MCPA | | ug/L | <MDL | 0.011 | 0.08 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | MCPP | | ug/L | <MDL | 0.013 | 0.08 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Mercury, Dissolved, CVAF | 7.87E-07 | mg/L | | 0.0000001 | 5E-07 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Mercury, Total, CVAF | 9.84E-07 | mg/L | | 0.0000001 | 5E-07 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Methoxychlor | | ug/L | <MDL | 0.013 | 0.025 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Molybdenum, Dissolved, ICP-MS | 0.000334 | mg/L | | 0.00001 | 0.00005 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Molybdenum, Total, ICP-MS | 0.00032 | mg/L | | 0.00001 | 0.00005 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Naphthalene | | ug/L | <MDL,G | 0.26 | 0.525 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Nickel, Dissolved, ICP-MS | 0.0012 | mg/L | | 0.00005 | 0.00025 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Nickel, Total, ICP-MS | 0.00122 | mg/L | | 0.00005 | 0.00025 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Nitrate Nitrogen | 0.178 | mg/L | | 0.02 | 0.04 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Nitrite + Nitrate Nitrogen | 0.178 | mg/L | | 0.02 | 0.04 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Nitrobenzene | | ug/L | <MDL,G | 0.3 | 0.6 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | N-Nitrosodimethylamine | | ug/L | <MDL | 0.38 | 0.75 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | N-Nitrosodi-N-Propylamine | | ug/L | <MDL | 0.17 | 0.338 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | N-Nitrosodiphenylamine | | ug/L | <MDL | 0.38 | 0.75 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Ortho Phosphorus | 0.0162 | mg/L | | 0.002 | 0.005 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Parathion-Ethyl | | ug/L | <MDL | 0.043 | 0.0476 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Parathion-Methyl | | ug/L | <MDL | 0.034 | 0.0476 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Pentachlorophenol | | ug/L | <MDL | 0.094 | 0.188 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Phenanthrene | | ug/L | <MDL | 0.075 | 0.15 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Phenol | | ug/L | <MDL | 0.17 | 0.338 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Phorate | | ug/L | <MDL | 0.031 | 0.0476 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Pyrene | | ug/L | <MDL | 0.075 | 0.15 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Pyridine | | ug/L | <MDL,G | 0.5 | 1 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Sample Start Time | 1015 | hr | | | |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Selenium, Dissolved, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Selenium, Total, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Silver, Dissolved, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Silver, Total, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Thallium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Thallium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Total Suspended Solids | 1.6 | mg/L | | 0.5 | 1 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Toxaphene | | ug/L | <MDL | 0.025 | 0.05 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Vanadium, Dissolved, ICP-MS | 0.000845 | mg/L | | 0.000025 | 0.000125 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Vanadium, Total, ICP-MS | 0.00094 | mg/L | | 0.000025 | 0.000125 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Zinc, Dissolved, ICP-MS | | mg/L | <RDL,B | 0.00255 | 0.00075 |
| SAMM_LITTLEBEARMOUTH | 9/5/2001 | L21953-3 | Zinc, Total, ICP-MS | 0.00075 | mg/L | RDL | 0.00015 | 0.00075 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | 1,2,4-Trichlorobenzene | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | 1,2-Dichlorobenzene | | ug/L | <MDL | 0.0049 | 0.00971 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | 1,2-Diphenylhydrazine | | ug/L | <MDL | 0.049 | 0.0971 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | 1,3-Dichlorobenzene | | ug/L | <MDL | 0.0049 | 0.00971 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | 1,4-Dichlorobenzene | | ug/L | <MDL | 0.0049 | 0.00971 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | 2,4,5-T | | ug/L | <MDL | 0.048 | 0.16 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | 2,4,5-TP (Silvex) | | ug/L | <MDL | 0.016 | 0.08 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | 2,4,5-Trichlorophenol | | ug/L | <MDL | 0.049 | 0.243 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | 2,4,6-Trichlorophenol | | ug/L | <MDL | 0.049 | 0.243 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | 2,4-D | | ug/L | <MDL | 0.038 | 0.12 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | 2,4-DB | | ug/L | <MDL | 0.043 | 0.12 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | 2,4-Dichlorophenol | | ug/L | <MDL | 0.024 | 0.243 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | 2,4-Dimethylphenol | | ug/L | <MDL | 0.024 | 0.243 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | 2,4-Dinitrophenol | | ug/L | <MDL | 0.24 | 2.43 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | 2,4-Dinitrotoluene | | ug/L | <MDL | 0.49 | 0.971 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | 2,6-Dinitrotoluene | | ug/L | <MDL | 0.49 | 0.971 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | 2-Chloronaphthalene | | ug/L | <MDL | 0.0097 | 0.0243 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | 2-Chlorophenol | | ug/L | <MDL | 0.0097 | 0.0243 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | 2-Methylnaphthalene | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | 2-Methylphenol | | ug/L | <MDL | 0.024 | 0.121 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | 2-Nitroaniline | | ug/L | <MDL | 0.49 | 0.971 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | 2-Nitrophenol | | ug/L | <MDL | 0.049 | 0.243 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | 3,3'-Dichlorobenzidine | | ug/L | <MDL | 0.049 | 0.0971 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | 3-Methylphenol | | ug/L | <MDL | 0.024 | 0.121 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | 3-Nitroaniline | | ug/L | <MDL | 0.12 | 0.485 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | 4,4'-DDD | | ug/L | <MDL | 0.0013 | 0.00251 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | 4,4'-DDE | | ug/L | <MDL | 0.0013 | 0.00251 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | 4,4'-DDT | | ug/L | <MDL | 0.0013 | 0.00251 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | 4,6-Dinitro-O-Cresol | | ug/L | <MDL | 0.24 | 2.43 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | 4-Bromophenyl Phenyl Ether | | ug/L | <MDL | 0.049 | 0.0971 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | 4-Chloro-3-Methylphenol | | ug/L | <MDL | 0.049 | 0.243 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | 4-Chloroaniline | | ug/L | <MDL | 0.024 | 0.121 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | 4-Chlorophenyl Phenyl Ether | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | 4-Methylphenol | | ug/L | <MDL | 0.024 | 0.121 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | 4-Nitroaniline | | ug/L | <MDL | 0.49 | 0.971 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | 4-Nitrophenol | | ug/L | <MDL | 0.24 | 2.43 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Acenaphthene | | ug/L | <MDL | 0.0049 | 0.00971 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Acenaphthylene | | ug/L | <MDL | 0.049 | 0.0971 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Aldrin | | ug/L | <MDL | 0.0013 | 0.00251 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Alpha-BHC | | ug/L | <MDL | 0.00063 | 0.00126 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Alpha-Chlordane | | ug/L | <MDL | 0.00063 | 0.00126 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Aluminum, Dissolved, ICP-MS | 0.0115 | mg/L | | 0.002 | 0.01 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Aluminum, Total, ICP-MS | 0.209 | mg/L | | 0.002 | 0.01 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Ammonia Nitrogen | 0.136 | mg/L | | 0.01 | 0.02 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Aniline | | ug/L | <MDL | 0.049 | 0.0971 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Anthracene | | ug/L | <MDL | 0.0097 | 0.0243 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Antimony, Dissolved, ICP-MS | 8.45E-05 | mg/L | | 0.00001 | 0.00005 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Antimony, Total, ICP-MS | 0.000097 | mg/L | | 0.00001 | 0.00005 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Aroclor 1016 | | ug/L | <MDL | 0.0063 | 0.0126 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Aroclor 1221 | | ug/L | <MDL | 0.013 | 0.0251 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Aroclor 1232 | | ug/L | <MDL | 0.013 | 0.0251 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Aroclor 1242 | | ug/L | <MDL | 0.0063 | 0.0126 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Aroclor 1248 | | ug/L | <MDL | 0.0063 | 0.0126 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Aroclor 1254 | | ug/L | <MDL | 0.0063 | 0.0126 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Aroclor 1260 | | ug/L | <MDL | 0.0063 | 0.0126 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Arsenic, Dissolved, ICP-MS | 0.00161 | mg/L | | 0.0001 | 0.0005 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Arsenic, Total, ICP-MS | 0.00207 | mg/L | | 0.0001 | 0.0005 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Atrazine | | ug/L | <MDL | 0.049 | 0.243 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Barium, Dissolved, ICP-MS | 0.00905 | mg/L | | 0.0002 | 0.001 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Barium, Total, ICP-MS | 0.0115 | mg/L | | 0.0002 | 0.001 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Benzidine | | ug/L | <MDL | 0.49 | 4.85 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Benzo(a)anthracene | | ug/L | <MDL | 0.0049 | 0.00971 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Benzo(a)pyrene | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Benzo(b)fluoranthene | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Benzo(g,h,i)perylene | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Benzo(k)fluoranthene | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Benzoic Acid | | ug/L | <MDL | 0.24 | 2.43 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Benzyl Alcohol | | ug/L | <MDL | 0.049 | 0.243 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Benzyl Butyl Phthalate | | ug/L | <RDL,B | 1.55 | 0.485 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Beryllium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Beryllium, Total, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Beta-BHC | | ug/L | <MDL | 0.00063 | 0.00126 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Bis(2-Chloroethoxy)Methane | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Bis(2-Chloroethyl)Ether | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Bis(2-Chloroisopropyl)Ether | | ug/L | <MDL | 0.0097 | 0.0243 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Bis(2-ethylhexyl)adipate | | ug/L | <RDL,B | 1.05 | 0.485 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Bis(2-Ethylhexyl)Phthalate | | ug/L | B | 2.25 | 0.0485 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Bisphenol A | 0.18 | ug/L | <RDL | 0.12 | 0.485 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Cadmium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Cadmium, Total, ICP-MS | 0.000021 | mg/L | <RDL | 0.00001 | 0.00005 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Caffeine | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Calcium, Dissolved, ICP | 13.1 | mg/L | | 0.05 | 0.25 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Calcium, Total, ICP | 12.8 | mg/L | | 0.05 | 0.25 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Carbazole | | ug/L | <MDL | 0.0097 | 0.0243 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Chlordecone (Kepone) | | ug/L | <MDL | 0.12 | 0.485 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Chlorpyrifos | | ug/L | <MDL | 0.032 | 0.0472 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Chromium, Dissolved, ICP-MS | 0.000373 | mg/L | | 0.00005 | 0.00025 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Chromium, Total, ICP-MS | 0.000851 | mg/L | | 0.00005 | 0.00025 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Chrysene | | ug/L | <MDL | 0.0097 | 0.0243 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Cobalt, Dissolved, ICP-MS | 6.58E-05 | mg/L | | 0.00001 | 0.00005 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Conductivity, Field | 160 | umhos/cm | | | |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Copper, Dissolved, ICP-MS | 0.000531 | mg/L | | 0.0001 | 0.0005 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Copper, Total, ICP-MS | 0.000888 | mg/L | | 0.0001 | 0.0005 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Coprostanol | | ug/L | <MDL | 1.2 | 9.71 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Dalapon | | ug/L | <MDL | 0.047 | 0.16 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Delta-BHC | | ug/L | <MDL | 0.00063 | 0.00126 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Diazinon | | ug/L | <MDL | 0.041 | 0.0472 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Diazinon | | ug/L | <MDL | 0.049 | 0.243 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Dibenzo(a,h)anthracene | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Dibenzofuran | | ug/L | <MDL | 0.0097 | 0.0243 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Dicamba | | ug/L | <MDL | 0.039 | 0.12 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Dichloroprop | | ug/L | <MDL | 0.016 | 0.08 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Dieldrin | | ug/L | <MDL | 0.0013 | 0.00251 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Diethyl Phthalate | 0.026 | ug/L | <RDL | 0.024 | 0.0971 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Dimethyl Phthalate | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Di-N-Butyl Phthalate | | ug/L | B | 1.15 | 0.243 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Di-N-Octyl Phthalate | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Dinoseb | | ug/L | <MDL | 0.046 | 0.16 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Dissolved Oxygen, Field | 9.2 | mg/L | | | |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Disulfoton | | ug/L | <MDL | 0.025 | 0.0472 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Endosulfan I | | ug/L | <MDL | 0.0013 | 0.00251 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Endosulfan II | | ug/L | <MDL | 0.0013 | 0.00251 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Endosulfan Sulfate | | ug/L | <MDL | 0.0013 | 0.00251 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Endrin | | ug/L | <MDL | 0.0013 | 0.00251 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Endrin Aldehyde | | ug/L | <MDL | 0.0025 | 0.00503 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Enterococcus | 150 | CFU/100ml | | | |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Escherichia coli | 77 | CFU/100ml | | | |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Estradiol | | ug/L | <MDL | 0.12 | 0.485 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Estrone | | ug/L | <MDL | 0.12 | 0.485 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Ethynyl estradiol | | ug/L | <MDL | 0.12 | 0.485 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Fecal Coliform | 5 | CFU/100ml | | | |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Fluoranthene | | ug/L | <MDL | 0.024 | 0.0485 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Fluorene | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Fluoride | 0.0538 | mg/L | | 0.02 | 0.04 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Gamma-BHC (Lindane) | | ug/L | <MDL | 0.00063 | 0.00126 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Gamma-Chlordane | | ug/L | <MDL | 0.00063 | 0.00126 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Hardness, Calc | 63.8 | mg CaCO3/L | | 0.2 | 1.25 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Heptachlor | | ug/L | <MDL | 0.00063 | 0.00126 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Heptachlor Epoxide | | ug/L | <MDL | 0.00063 | 0.00126 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Hexachlorobenzene | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Hexachlorobutadiene | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Hexachlorocyclopentadiene | | ug/L | <MDL | 0.049 | 0.485 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Hexachloroethane | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Indeno(1,2,3-Cd)Pyrene | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Iron, Dissolved, ICP | 0.327 | mg/L | | 0.05 | 0.25 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Iron, Total, ICP | 0.837 | mg/L | | 0.05 | 0.25 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Isophorone | | ug/L | <MDL | 0.24 | 0.0485 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Lead, Dissolved, ICP-MS | 0.00005 | mg/L | <RDL | 0.000025 | 0.000125 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Lead, Total, ICP-MS | 0.000376 | mg/L | | 0.000025 | 0.000125 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Magnesium, Dissolved, ICP | 7.94 | mg/L | | 0.03 | 0.15 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Magnesium, Total, ICP | 7.75 | mg/L | | 0.03 | 0.15 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Malathion | | ug/L | <MDL | 0.045 | 0.0472 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | MCPA | | ug/L | <MDL | 0.022 | 0.08 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | MCPP | | ug/L | <MDL | 0.03 | 0.08 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Mercury, Dissolved, CVAF | 7.14E-07 | mg/L | | 0.0000001 | 5E-07 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Mercury, Total, CVAF | 2.14E-06 | mg/L | | 0.0000001 | 5E-07 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Methoxychlor | | ug/L | <MDL | 0.0063 | 0.0126 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Methyltestosterone | | ug/L | <MDL | 0.12 | 0.485 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Molybdenum, Dissolved, ICP-MS | 0.000367 | mg/L | | 0.00001 | 0.00005 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Molybdenum, Total, ICP-MS | 0.000389 | mg/L | | 0.00001 | 0.00005 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Naphthalene | | ug/L | <MDL | 0.0097 | 0.0243 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Nickel, Dissolved, ICP-MS | 0.000939 | mg/L | | 0.00005 | 0.00025 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Nickel, Total, ICP-MS | 0.00129 | mg/L | | 0.00005 | 0.00025 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Nitrate Nitrogen | 0.605 | mg/L | | 0.02 | 0.04 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Nitrite + Nitrate Nitrogen | 0.638 | mg/L | | 0.02 | 0.04 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Nitrobenzene | | ug/L | <MDL | 0.049 | 0.0971 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | N-Nitrosodimethylamine | | ug/L | <MDL | 0.049 | 0.121 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | N-Nitrosodi-N-Propylamine | | ug/L | <MDL | 0.049 | 0.0971 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | N-Nitrosodiphenylamine | | ug/L | <MDL | 0.024 | 0.0485 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Ortho Phosphorus | 0.0418 | mg/L | | 0.002 | 0.005 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Parathion-Ethyl | | ug/L | <MDL | 0.042 | 0.0472 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Parathion-Methyl | | ug/L | <MDL | 0.034 | 0.0472 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Pentachlorophenol | | ug/L | <MDL | 0.12 | 0.971 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | pH, Field | 6.9 | pH | | | |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Phenanthrene | | ug/L | <MDL | 0.0097 | 0.0243 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Phenol | | ug/L | B | 0.09 | 0.00971 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Phorate | | ug/L | <MDL | 0.031 | 0.0472 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Progesterone | | ug/L | <MDL | 0.12 | 0.485 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Pyrene | | ug/L | <MDL | 0.0097 | 0.0243 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Pyridine | | ug/L | <MDL | 0.49 | 0.971 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Sample Temperature, Field | 12.9 | deg C | | | |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Selenium, Dissolved, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Selenium, Total, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Silver, Dissolved, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Silver, Total, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Simazine | | ug/L | <MDL | 0.049 | 0.243 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Testosterone | | ug/L | <MDL | 0.12 | 0.485 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Thallium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Thallium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Total 4-Nonylphenol | | ug/L | <MDL | 0.12 | 0.485 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Total Suspended Solids | 6.63 | mg/L | H | 0.5 | 1 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Toxaphene | | ug/L | <MDL | 0.013 | 0.0251 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Vanadium, Dissolved, ICP-MS | 0.00118 | mg/L | | 0.000025 | 0.000125 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Vanadium, Total, ICP-MS | 0.00194 | mg/L | | 0.000025 | 0.000125 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Vinclozolin | | ug/L | <MDL | 0.12 | 0.485 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Zinc, Dissolved, ICP-MS | | mg/L | B | 0.00545 | 0.00075 |
| SAMM_LITTLEBEARMOUTH | 10/7/2002 | L25875-3 | Zinc, Total, ICP-MS | 0.00283 | mg/L | | 0.00015 | 0.00075 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | 1,2,4-Trichlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | 1,2-Dichlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | 1,2-Diphenylhydrazine | | ug/L | <MDL | 0.047 | 0.0943 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | 1,3-Dichlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | 1,4-Dichlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | 2,4,5-T | | ug/L | <MDL | 0.043 | 0.12 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | 2,4,5-TP (Silvex) | | ug/L | <MDL | 0.046 | 0.16 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | 2,4,5-Trichlorophenol | | ug/L | <MDL | 0.24 | 0.943 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | 2,4,6-Trichlorophenol | | ug/L | <MDL | 0.24 | 0.943 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | 2,4-D | | ug/L | <MDL | 0.016 | 0.08 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | 2,4-DB | | ug/L | <MDL | 0.022 | 0.08 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | 2,4-Dichlorophenol | | ug/L | <MDL | 0.024 | 0.236 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | 2,4-Dimethylphenol | | ug/L | <MDL | 0.024 | 0.236 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | 2,4-Dinitrophenol | | ug/L | <MDL | 0.24 | 2.36 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | 2,4-Dinitrotoluene | | ug/L | <MDL | 0.47 | 0.943 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | 2,6-Dinitrotoluene | | ug/L | <MDL | 0.47 | 0.943 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | 2-Chloronaphthalene | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | 2-Chlorophenol | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | 2-Methylnaphthalene | | ug/L | <MDL | 0.024 | 0.0472 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | 2-Methylphenol | | ug/L | <MDL | 0.024 | 0.118 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | 2-Nitroaniline | | ug/L | <MDL | 0.47 | 0.943 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | 2-Nitrophenol | | ug/L | <MDL | 0.094 | 0.236 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | 3,3'-Dichlorobenzidine | | ug/L | <MDL | 0.047 | 0.0943 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | 3-Methylphenol | | ug/L | <MDL | 0.024 | 0.118 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | 3-Nitroaniline | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | 4,4'-DDD | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | 4,4'-DDE | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | 4,4'-DDT | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | 4,6-Dinitro-O-Cresol | | ug/L | <MDL | 0.24 | 2.36 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | 4-Bromophenyl Phenyl Ether | | ug/L | <MDL | 0.047 | 0.0943 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | 4-Chloro-3-Methylphenol | | ug/L | <MDL | 0.24 | 0.943 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | 4-Chloroaniline | | ug/L | <MDL | 0.024 | 0.118 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | 4-Chlorophenyl Phenyl Ether | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | 4-Methylphenol | | ug/L | <MDL | 0.024 | 0.118 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | 4-Nitroaniline | | ug/L | <MDL | 0.47 | 0.943 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | 4-Nitrophenol | | ug/L | <MDL | 0.24 | 2.36 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Acenaphthene | | ug/L | <MDL | 0.0047 | 0.00943 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Acenaphthylene | | ug/L | <MDL | 0.047 | 0.0943 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Aldrin | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Alpha-BHC | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Alpha-Chlordane | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Aluminum, Dissolved, ICP-MS | 0.0111 | mg/L | H | 0.002 | 0.01 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Aluminum, Total, ICP-MS | 0.0504 | mg/L | | 0.002 | 0.01 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Ammonia Nitrogen | 0.021 | mg/L | | 0.01 | 0.02 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Aniline | | ug/L | <MDL | 0.94 | 2.36 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Anthracene | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Antimony, Dissolved, ICP-MS | 8.47E-05 | mg/L | H | 0.00001 | 0.00005 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Antimony, Total, ICP-MS | 8.36E-05 | mg/L | H | 0.00001 | 0.00005 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Aroclor 1016 | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Aroclor 1221 | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Aroclor 1232 | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Aroclor 1242 | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Aroclor 1248 | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Aroclor 1254 | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Aroclor 1260 | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Arsenic, Dissolved, ICP-MS | 0.0017 | mg/L | H | 0.0001 | 0.0005 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Arsenic, Total, ICP-MS | 0.00191 | mg/L | H | 0.0001 | 0.0005 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Atrazine | | ug/L | <MDL | 0.47 | 0.943 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Barium, Dissolved, ICP-MS | 0.00875 | mg/L | H | 0.000025 | 0.000125 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Barium, Total, ICP-MS | 0.00956 | mg/L | H | 0.000025 | 0.000125 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Benzidine | | ug/L | <MDL | 0.94 | 4.72 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Benzo(a)anthracene | | ug/L | <MDL | 0.0047 | 0.00943 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Benzo(a)pyrene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Benzo(b)fluoranthene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Benzo(g,h,i)perylene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Benzo(k)fluoranthene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Benzoic Acid | | ug/L | <MDL | 0.24 | 2.36 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Benzyl Alcohol | | ug/L | <MDL | 0.047 | 0.236 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Benzyl Butyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Beryllium, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.00005 | 0.00025 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Beryllium, Total, ICP-MS | | mg/L | <MDL,H | 0.00005 | 0.00025 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Beta-BHC | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Bis(2-Chloroethoxy)Methane | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Bis(2-Chloroethyl)Ether | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Bis(2-Chloroisopropyl)Ether | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Bis(2-ethylhexyl)adipate | | ug/L | <RDL,B | 2.2 | 0.472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Bis(2-Ethylhexyl)Phthalate | | ug/L | <RDL,B | 8.76 | 0.472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Bisphenol A | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Cadmium, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.00001 | 0.00005 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Cadmium, Total, ICP-MS | | mg/L | <MDL,H | 0.00001 | 0.00005 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Caffeine | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Calcium, Dissolved, ICP | 13 | mg/L | | 0.05 | 0.25 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Calcium, Total, ICP | 13.6 | mg/L | | 0.05 | 0.25 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Carbazole | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Chlordecone (Kepone) | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Chlorpyrifos | | ug/L | <MDL | 0.032 | 0.0472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Chromium, Dissolved, ICP-MS | 0.000371 | mg/L | H | 0.00005 | 0.00025 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Chromium, Total, ICP-MS | 0.000469 | mg/L | H | 0.00005 | 0.00025 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Chrysene | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Cobalt, Dissolved, ICP-MS | 0.000044 | mg/L | <RDL,H | 0.00001 | 0.00005 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Cobalt, Total, ICP-MS | 7.72E-05 | mg/L | H | 0.00001 | 0.00005 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Conductivity, Field | 172 | umhos/cm | | | |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Copper, Dissolved, ICP-MS | 0.00049 | mg/L | <RDL,H | 0.0001 | 0.0005 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Copper, Total, ICP-MS | 0.000562 | mg/L | H | 0.0001 | 0.0005 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Coprostanol | | ug/L | <MDL | 1.2 | 9.43 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Dalapon | | ug/L | <MDL | 0.047 | 0.16 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Delta-BHC | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Diazinon | | ug/L | <MDL | 0.047 | 0.236 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Diazinon | | ug/L | <MDL | 0.041 | 0.0472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Dibenzo(a,h)anthracene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Dibenzofuran | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Dicamba | | ug/L | <MDL | 0.039 | 0.12 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Dichloroprop | | ug/L | <MDL | 0.023 | 0.08 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Dieldrin | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Diethyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Dimethyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Di-N-Butyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Di-N-Octyl Phthalate | | ug/L | <MDL | 0.24 | 0.472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Dinoseb | | ug/L | <MDL | 0.03 | 0.08 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Dissolved Oxygen, Field | 10.1 | mg/L | | | |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Disulfoton | | ug/L | <MDL | 0.025 | 0.0472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Endosulfan I | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Endosulfan II | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Endosulfan Sulfate | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Endrin | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Endrin Aldehyde | | ug/L | <MDL | 0.0047 | 0.00943 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Enterococcus | 75 | CFU/100ml | | | |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Escherichia coli | 110 | CFU/100ml | | | |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Estradiol | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Estrone | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Ethynyl estradiol | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Fecal Coliform | 160 | CFU/100ml | | | |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Fluoranthene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Fluorene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Fluoride | 0.048 | mg/L | | 0.02 | 0.04 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Gamma-BHC (Lindane) | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Gamma-Chlordane | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Hardness, Calc | 69.4 | mg CaCO3/L | | 0.2 | 1.25 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Heptachlor | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Heptachlor Epoxide | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Hexachlorobenzene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Hexachlorobutadiene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Hexachlorocyclopentadiene | | ug/L | <MDL | 0.94 | 2.36 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Hexachloroethane | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Indeno(1,2,3-Cd)Pyrene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Iron, Dissolved, ICP | 0.252 | mg/L | | 0.05 | 0.25 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Iron, Total, ICP | 0.479 | mg/L | | 0.05 | 0.25 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Isophorone | | ug/L | <MDL | 0.24 | 0.0472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Lead, Dissolved, ICP-MS | 0.000043 | mg/L | <RDL,H | 0.000025 | 0.000125 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Lead, Total, ICP-MS | 0.000154 | mg/L | H | 0.000025 | 0.000125 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Magnesium, Dissolved, ICP | 8.45 | mg/L | | 0.03 | 0.15 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Magnesium, Total, ICP | 8.64 | mg/L | | 0.03 | 0.15 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Malathion | | ug/L | <MDL | 0.045 | 0.0472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | MCPA | | ug/L | <MDL | 0.038 | 0.12 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | MCPP | | ug/L | <MDL | 0.016 | 0.08 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Mercury, Dissolved, CVAF | 6.62E-07 | mg/L | | 0.0000002 | 5E-07 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Mercury, Total, CVAF | 1.04E-06 | mg/L | | 0.0000002 | 5E-07 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Methoxychlor | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Methyltestosterone | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Molybdenum, Dissolved, ICP-MS | 0.000433 | mg/L | H | 0.00001 | 0.00005 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Molybdenum, Total, ICP-MS | 0.000435 | mg/L | H | 0.00001 | 0.00005 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Naphthalene | 0.013 | ug/L | <RDL | 0.012 | 0.0236 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Nickel, Dissolved, ICP-MS | 0.000747 | mg/L | H | 0.00005 | 0.00025 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Nickel, Total, ICP-MS | 0.00078 | mg/L | H | 0.00005 | 0.00025 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Nitrate Nitrogen | 0.42 | mg/L | | 0.02 | 0.04 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Nitrite + Nitrate Nitrogen | 0.425 | mg/L | | 0.02 | 0.04 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Nitrobenzene | | ug/L | <MDL | 0.047 | 0.0943 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | N-Nitrosodimethylamine | | ug/L | <MDL | 0.047 | 0.118 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | N-Nitrosodi-N-Propylamine | | ug/L | <MDL | 0.047 | 0.0943 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | N-Nitrosodiphenylamine | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Ortho Phosphorus | 0.0268 | mg/L | | 0.002 | 0.005 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Parathion-Ethyl | | ug/L | <MDL | 0.042 | 0.0472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Parathion-Methyl | | ug/L | <MDL | 0.034 | 0.0472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Pentachlorophenol | | ug/L | <MDL | 0.47 | 4.72 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | pH, Field | 7.6 | pH | | | |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Phenanthrene | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Phenol | | ug/L | <MDL | 0.047 | 0.0943 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Phorate | | ug/L | <MDL | 0.031 | 0.0472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Progesterone | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Pyrene | | ug/L | <MDL | 0.0094 | 0.0236 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Pyridine | | ug/L | <MDL | 0.94 | 2.36 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Sample Start Time | 1015 | hr | | | |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Sample Temperature, Field | 11.7 | deg C | | | |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Selenium, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.0005 | 0.0025 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Selenium, Total, ICP-MS | | mg/L | <MDL,H | 0.0005 | 0.0025 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Silver, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.000025 | 0.000125 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Silver, Total, ICP-MS | | mg/L | <MDL,H | 0.000025 | 0.000125 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Simazine | | ug/L | <MDL | 0.47 | 0.943 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Testosterone | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Thallium, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.00001 | 0.00005 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Thallium, Total, ICP-MS | | mg/L | <MDL,H | 0.00001 | 0.00005 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Total 4-Nonylphenol | | ug/L | <MDL | 0.12 | 0.472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Total Suspended Solids | 1.9 | mg/L | | 0.5 | 1 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Toxaphene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Vanadium, Dissolved, ICP-MS | 0.00123 | mg/L | H | 0.000025 | 0.000125 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Vanadium, Total, ICP-MS | 0.00142 | mg/L | H | 0.000025 | 0.000125 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Vinclozolin | | ug/L | <MDL | 0.12 | 0.472 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Zinc, Dissolved, ICP-MS | 0.00114 | mg/L | H | 0.00015 | 0.00075 |
| SAMM_LITTLEBEARMOUTH | 9/15/2003 | L29488-3 | Zinc, Total, ICP-MS | 0.00202 | mg/L | H | 0.00015 | 0.00075 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | 1,2,4-Trichlorobenzene | | ug/L | <MDL,G | 0.005 | 0.00994 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | 1,2-Dichlorobenzene | | ug/L | <MDL,G | 0.005 | 0.00994 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | 1,2-Diphenylhydrazine | | ug/L | <MDL | 0.19 | 0.375 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | 1,3-Dichlorobenzene | | ug/L | <MDL,G | 0.005 | 0.00994 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | 1,4-Dichlorobenzene | | ug/L | <MDL,G | 0.0025 | 0.00495 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | 2,4,5-T | | ug/L | <MDL | 0.057 | 0.16 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | 2,4,5-TP (Silvex) | | ug/L | <MDL | 0.023 | 0.08 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | 2,4,5-Trichlorophenol | | ug/L | <MDL | 0.23 | 0.45 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | 2,4,6-Trichlorophenol | | ug/L | <MDL | 0.24 | 0.488 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | 2,4-D | 0.08 | ug/L | RDL | 0.03 | 0.08 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | 2,4-DB | | ug/L | <MDL | 0.058 | 0.16 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | 2,4-Dichlorophenol | | ug/L | <MDL | 0.3 | 0.6 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | 2,4-Dimethylphenol | | ug/L | <MDL,G | 0.13 | 0.263 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | 2,4-Dinitrophenol | | ug/L | <MDL | 0.25 | 0.5 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | 2,4-Dinitrotoluene | | ug/L | <MDL | 0.056 | 0.113 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | 2,6-Dinitrotoluene | | ug/L | <MDL | 0.19 | 0.375 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | 2-Chloronaphthalene | | ug/L | <MDL,G | 0.3 | 0.6 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | 2-Chlorophenol | | ug/L | <MDL | 0.15 | 0.3 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | 2-Methylnaphthalene | | ug/L | <MDL,G | 0.26 | 0.525 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | 2-Methylphenol | | ug/L | <MDL | 0.36 | 0.713 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | 2-Nitroaniline | | ug/L | <MDL | 0.13 | 0.25 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | 2-Nitrophenol | | ug/L | <MDL | 0.28 | 0.563 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | 3,3'-Dichlorobenzidine | | ug/L | <MDL | 0.05 | 0.1 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | 3-Methylphenol | | ug/L | <MDL,G | 0.05 | 0.1 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | 3-Nitroaniline | | ug/L | <MDL | 0.13 | 0.25 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | 4,4'-DDD | | ug/L | <MDL | 0.0025 | 0.00505 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | 4,4'-DDE | | ug/L | <MDL | 0.0025 | 0.00505 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | 4,4'-DDT | | ug/L | <MDL | 0.0025 | 0.00505 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | 4,6-Dinitro-O-Cresol | | ug/L | <MDL | 0.25 | 0.5 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | 4-Bromophenyl Phenyl Ether | | ug/L | <MDL | 0.17 | 0.338 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | 4-Chloro-3-Methylphenol | | ug/L | <MDL | 0.05 | 0.1 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | 4-Chloroaniline | | ug/L | <MDL,G | 0.05 | 0.1 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | 4-Chlorophenyl Phenyl Ether | | ug/L | <MDL,G | 0.24 | 0.488 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | 4-Methylphenol | | ug/L | <MDL | 0.3 | 0.6 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | 4-Nitroaniline | | ug/L | <MDL | 0.25 | 0.5 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | 4-Nitrophenol | | ug/L | <MDL | 0.25 | 0.5 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Acenaphthene | | ug/L | <MDL,G | 0.13 | 0.263 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Acenaphthylene | | ug/L | <MDL,G | 0.28 | 0.563 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Aldrin | | ug/L | <MDL | 0.0025 | 0.00505 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Alpha-BHC | | ug/L | <MDL | 0.0025 | 0.00505 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Aluminum, Dissolved, ICP-MS | 0.0043 | mg/L | <RDL | 0.002 | 0.01 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Aluminum, Total, ICP-MS | 0.0363 | mg/L | | 0.002 | 0.01 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Ammonia Nitrogen | 0.0322 | mg/L | | 0.01 | 0.02 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Aniline | | ug/L | <MDL,G | 0.36 | 0.713 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Anthracene | | ug/L | <MDL | 0.075 | 0.15 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Antimony, Dissolved, ICP-MS | 7.05E-05 | mg/L | | 0.00001 | 0.00005 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Antimony, Total, ICP-MS | 6.62E-05 | mg/L | | 0.00001 | 0.00005 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Aroclor 1016 | | ug/L | <MDL | 0.025 | 0.0505 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Aroclor 1221 | | ug/L | <MDL | 0.025 | 0.0505 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Aroclor 1232 | | ug/L | <MDL | 0.025 | 0.0505 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Aroclor 1242 | | ug/L | <MDL | 0.025 | 0.0505 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Aroclor 1248 | | ug/L | <MDL | 0.025 | 0.0505 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Aroclor 1254 | | ug/L | <MDL | 0.025 | 0.0505 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Aroclor 1260 | | ug/L | <MDL | 0.025 | 0.0505 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Arsenic, Dissolved, ICP-MS | 0.00161 | mg/L | | 0.0001 | 0.0005 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Arsenic, Total, ICP-MS | 0.00179 | mg/L | | 0.0001 | 0.0005 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Barium, Dissolved, ICP-MS | 0.00657 | mg/L | | 0.000025 | 0.000125 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Barium, Total, ICP-MS | 0.00748 | mg/L | | 0.0002 | 0.001 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Benzo(a)anthracene | | ug/L | <MDL | 0.038 | 0.075 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Benzo(a)pyrene | | ug/L | <MDL | 0.056 | 0.113 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Benzo(b)fluoranthene | | ug/L | <MDL | 0.056 | 0.113 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Benzo(g,h,i)perylene | | ug/L | <MDL | 0.15 | 0.3 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Benzo(k)fluoranthene | | ug/L | <MDL | 0.056 | 0.113 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Benzoic Acid | 1.69 | ug/L | G | 0.11 | 0.225 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Benzyl Alcohol | | ug/L | <MDL | 0.11 | 0.225 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Benzyl Butyl Phthalate | | ug/L | <MDL | 0.11 | 0.225 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Beryllium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Beryllium, Total, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Beta-BHC | | ug/L | <MDL | 0.0025 | 0.00505 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Bis(2-Chloroethoxy)Methane | | ug/L | <MDL | 0.32 | 0.638 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Bis(2-Chloroethyl)Ether | | ug/L | <MDL | 0.28 | 0.563 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Bis(2-Chloroisopropyl)Ether | | ug/L | <MDL | 0.28 | 0.563 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Bis(2-Ethylhexyl)Phthalate | | ug/L | B,L | 7.05 | 0.263 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Cadmium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Cadmium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Caffeine | | ug/L | <MDL | 0.11 | 0.225 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Calcium, Dissolved, ICP | 13.1 | mg/L | | 0.05 | 0.25 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Calcium, Total, ICP | 13.1 | mg/L | | 0.05 | 0.25 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Carbazole | | ug/L | <MDL | 0.13 | 0.263 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Chlordane | | ug/L | <MDL | 0.013 | 0.0253 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Chlorpyrifos | | ug/L | <MDL | 0.034 | 0.05 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Chromium, Dissolved, ICP-MS | 0.000332 | mg/L | | 0.00005 | 0.00025 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Chromium, Total, ICP-MS | 0.000417 | mg/L | | 0.00005 | 0.00025 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Chrysene | | ug/L | <MDL | 0.075 | 0.15 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Cobalt, Dissolved, ICP-MS | 7.77E-05 | mg/L | | 0.00001 | 0.00005 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Cobalt, Total, ICP-MS | 9.59E-05 | mg/L | | 0.00001 | 0.00005 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Copper, Dissolved, ICP-MS | 0.000549 | mg/L | | 0.0001 | 0.0005 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Copper, Total, ICP-MS | 0.000624 | mg/L | | 0.0001 | 0.0005 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Coprostanol | | ug/L | <MDL,G | 0.26 | 0.525 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Dalapon | | ug/L | <MDL | 0.012 | 0.08 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Delta-BHC | | ug/L | <MDL | 0.0025 | 0.00505 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Diazinon | | ug/L | <MDL | 0.043 | 0.05 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Dibenzo(a,h)anthracene | | ug/L | <MDL | 0.13 | 0.263 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Dibenzofuran | | ug/L | <MDL,G | 0.26 | 0.525 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Dicamba | | ug/L | <MDL | 0.022 | 0.08 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Dichloroprop | | ug/L | <MDL | 0.011 | 0.08 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Dieldrin | | ug/L | <MDL | 0.0025 | 0.00505 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Diethyl Phthalate | | ug/L | <MDL | 0.11 | 0.225 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Dimethyl Phthalate | | ug/L | <MDL | 0.21 | 0.413 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Di-N-Butyl Phthalate | | ug/L | B,L | 1.2 | 0.188 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Di-N-Octyl Phthalate | | ug/L | <MDL | 0.15 | 0.3 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Dinoseb | | ug/L | <MDL | 0.029 | 0.08 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Disulfoton | | ug/L | <MDL | 0.027 | 0.05 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Endosulfan I | | ug/L | <MDL | 0.0025 | 0.00505 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Endosulfan II | | ug/L | <MDL | 0.0025 | 0.00505 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Endosulfan Sulfate | | ug/L | <MDL | 0.0025 | 0.00505 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Endrin | | ug/L | <MDL | 0.0025 | 0.00505 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Endrin Aldehyde | | ug/L | <MDL | 0.0025 | 0.00505 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Enterococcus | 38 | CFU/100ml | | | |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Escherichia coli | 160 | CFU/100ml | | | |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Fecal Coliform | 110 | CFU/100ml | | | |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Fluoranthene | | ug/L | <MDL | 0.15 | 0.3 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Fluorene | | ug/L | <MDL | 0.24 | 0.488 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Fluoride | | mg/L | <MDL | 0.05 | 0.1 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Gamma-BHC (Lindane) | | ug/L | <MDL | 0.0025 | 0.00505 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Hardness, Calc | 60.5 | mg CaCO3/L | | 0.2 | 1.25 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Heptachlor | | ug/L | <MDL | 0.0025 | 0.00505 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Heptachlor Epoxide | | ug/L | <MDL | 0.0025 | 0.00505 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Hexachlorobenzene | | ug/L | <MDL | 0.012 | 0.0249 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Hexachlorobutadiene | | ug/L | <MDL,G | 0.014 | 0.0281 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Hexachlorocyclopentadiene | | ug/L | <MDL,G | 0.13 | 0.25 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Hexachloroethane | | ug/L | <MDL,G | 0.28 | 0.563 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Indeno(1,2,3-Cd)Pyrene | | ug/L | <MDL | 0.17 | 0.338 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Iron, Dissolved, ICP | 0.506 | mg/L | | 0.05 | 0.25 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Iron, Total, ICP | 0.866 | mg/L | | 0.05 | 0.25 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Isophorone | | ug/L | <MDL | 0.36 | 0.713 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Lead, Dissolved, ICP-MS | 0.000043 | mg/L | <RDL | 0.000025 | 0.000125 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Lead, Total, ICP-MS | 0.000084 | mg/L | <RDL | 0.000025 | 0.000125 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Magnesium, Dissolved, ICP | 6.78 | mg/L | | 0.03 | 0.15 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Magnesium, Total, ICP | 6.77 | mg/L | | 0.03 | 0.15 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Malathion | | ug/L | <MDL | 0.048 | 0.05 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | MCPA | | ug/L | <MDL | 0.011 | 0.08 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | MCPP | | ug/L | <MDL | 0.013 | 0.08 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Mercury, Dissolved, CVAF | 6.95E-07 | mg/L | | 0.0000001 | 5E-07 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Mercury, Total, CVAF | 1.16E-06 | mg/L | | 0.0000001 | 5E-07 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Methoxychlor | | ug/L | <MDL | 0.013 | 0.0253 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Molybdenum, Dissolved, ICP-MS | 0.00034 | mg/L | | 0.00001 | 0.00005 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Molybdenum, Total, ICP-MS | 0.000324 | mg/L | | 0.00001 | 0.00005 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Naphthalene | | ug/L | <MDL,G | 0.26 | 0.525 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Nickel, Dissolved, ICP-MS | 0.00121 | mg/L | | 0.00005 | 0.00025 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Nickel, Total, ICP-MS | 0.00125 | mg/L | | 0.00005 | 0.00025 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Nitrate Nitrogen | 0.175 | mg/L | | 0.02 | 0.04 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Nitrite + Nitrate Nitrogen | 0.175 | mg/L | | 0.02 | 0.04 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Nitrobenzene | | ug/L | <MDL,G | 0.3 | 0.6 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | N-Nitrosodimethylamine | | ug/L | <MDL | 0.38 | 0.75 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | N-Nitrosodi-N-Propylamine | | ug/L | <MDL | 0.17 | 0.338 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | N-Nitrosodiphenylamine | | ug/L | <MDL | 0.38 | 0.75 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Ortho Phosphorus | 0.0158 | mg/L | | 0.002 | 0.005 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Parathion-Ethyl | | ug/L | <MDL | 0.045 | 0.05 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Parathion-Methyl | | ug/L | <MDL | 0.036 | 0.05 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Pentachlorophenol | | ug/L | <MDL | 0.094 | 0.188 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Phenanthrene | | ug/L | <MDL | 0.075 | 0.15 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Phenol | | ug/L | <MDL | 0.17 | 0.338 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Phorate | | ug/L | <MDL | 0.033 | 0.05 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Pyrene | | ug/L | <MDL | 0.075 | 0.15 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Pyridine | | ug/L | <MDL,G | 0.5 | 1 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Sample Start Time | 1050 | hr | | | |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Selenium, Dissolved, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Selenium, Total, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Silver, Dissolved, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Silver, Total, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Thallium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Thallium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Total Suspended Solids | 2.77 | mg/L | | 0.5 | 1 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Toxaphene | | ug/L | <MDL | 0.025 | 0.0505 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Vanadium, Dissolved, ICP-MS | 0.000803 | mg/L | | 0.000025 | 0.000125 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Vanadium, Total, ICP-MS | 0.000953 | mg/L | | 0.000025 | 0.000125 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Zinc, Dissolved, ICP-MS | | mg/L | B | 0.00255 | 0.00075 |
| SAMM_WOODIN_MOUTH | 9/5/2001 | L21953-4 | Zinc, Total, ICP-MS | 0.00074 | mg/L | <RDL | 0.00015 | 0.00075 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | 1,2,4-Trichlorobenzene | | ug/L | <MDL | 0.024 | 0.0488 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | 1,2-Dichlorobenzene | | ug/L | <MDL | 0.0049 | 0.00976 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | 1,2-Diphenylhydrazine | | ug/L | <MDL | 0.049 | 0.0976 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | 1,3-Dichlorobenzene | | ug/L | <MDL | 0.0049 | 0.00976 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | 1,4-Dichlorobenzene | | ug/L | <MDL | 0.0049 | 0.00976 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | 2,4,5-T | | ug/L | <MDL | 0.048 | 0.16 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | 2,4,5-TP (Silvex) | | ug/L | <MDL | 0.016 | 0.08 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | 2,4,5-Trichlorophenol | | ug/L | <MDL | 0.049 | 0.244 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | 2,4,6-Trichlorophenol | | ug/L | <MDL | 0.049 | 0.244 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | 2,4-D | 0.128 | ug/L | | 0.038 | 0.12 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | 2,4-DB | | ug/L | <MDL | 0.043 | 0.12 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | 2,4-Dichlorophenol | | ug/L | <MDL | 0.024 | 0.244 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | 2,4-Dimethylphenol | | ug/L | <MDL | 0.024 | 0.244 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | 2,4-Dinitrophenol | | ug/L | <MDL | 0.24 | 2.44 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | 2,4-Dinitrotoluene | | ug/L | <MDL | 0.49 | 0.976 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | 2,6-Dinitrotoluene | | ug/L | <MDL | 0.49 | 0.976 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | 2-Chloronaphthalene | | ug/L | <MDL | 0.0098 | 0.0244 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | 2-Chlorophenol | | ug/L | <MDL | 0.0098 | 0.0244 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | 2-Methylnaphthalene | | ug/L | <MDL | 0.024 | 0.0488 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | 2-Methylphenol | | ug/L | <MDL | 0.024 | 0.122 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | 2-Nitroaniline | | ug/L | <MDL | 0.49 | 0.976 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | 2-Nitrophenol | | ug/L | <MDL | 0.049 | 0.244 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | 3,3'-Dichlorobenzidine | | ug/L | <MDL | 0.049 | 0.0976 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | 3-Methylphenol | | ug/L | <MDL | 0.024 | 0.122 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | 3-Nitroaniline | | ug/L | <MDL | 0.12 | 0.488 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | 4,4'-DDD | | ug/L | <MDL | 0.0013 | 0.0026 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | 4,4'-DDE | | ug/L | <MDL | 0.0013 | 0.0026 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | 4,4'-DDT | | ug/L | <MDL | 0.0013 | 0.0026 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | 4,6-Dinitro-O-Cresol | | ug/L | <MDL | 0.24 | 2.44 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | 4-Bromophenyl Phenyl Ether | | ug/L | <MDL | 0.049 | 0.0976 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | 4-Chloro-3-Methylphenol | | ug/L | <MDL | 0.049 | 0.244 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | 4-Chloroaniline | | ug/L | <MDL | 0.024 | 0.122 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | 4-Chlorophenyl Phenyl Ether | | ug/L | <MDL | 0.024 | 0.0488 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | 4-Methylphenol | | ug/L | <MDL | 0.024 | 0.122 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | 4-Nitroaniline | | ug/L | <MDL | 0.49 | 0.976 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | 4-Nitrophenol | | ug/L | <MDL | 0.24 | 2.44 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Acenaphthene | | ug/L | <MDL | 0.0049 | 0.00976 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Acenaphthylene | | ug/L | <MDL | 0.049 | 0.0976 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Aldrin | | ug/L | <MDL | 0.0013 | 0.0026 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Alpha-BHC | | ug/L | <MDL | 0.00065 | 0.0013 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Alpha-Chlordane | | ug/L | <MDL | 0.00065 | 0.0013 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Aluminum, Dissolved, ICP-MS | 0.005 | mg/L | <RDL | 0.002 | 0.01 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Aluminum, Total, ICP-MS | 0.0315 | mg/L | | 0.002 | 0.01 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Ammonia Nitrogen | 0.0604 | mg/L | | 0.01 | 0.02 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Aniline | | ug/L | <MDL | 0.049 | 0.0976 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Anthracene | | ug/L | <MDL | 0.0098 | 0.0244 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Antimony, Dissolved, ICP-MS | 6.94E-05 | mg/L | | 0.00001 | 0.00005 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Antimony, Total, ICP-MS | 7.79E-05 | mg/L | | 0.00001 | 0.00005 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Aroclor 1016 | | ug/L | <MDL | 0.0065 | 0.013 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Aroclor 1221 | | ug/L | <MDL | 0.013 | 0.026 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Aroclor 1232 | | ug/L | <MDL | 0.013 | 0.026 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Aroclor 1242 | | ug/L | <MDL | 0.0065 | 0.013 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Aroclor 1248 | | ug/L | <MDL | 0.0065 | 0.013 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Aroclor 1254 | | ug/L | <MDL | 0.0065 | 0.013 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Aroclor 1260 | | ug/L | <MDL | 0.0065 | 0.013 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Arsenic, Dissolved, ICP-MS | 0.00138 | mg/L | | 0.0001 | 0.0005 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Arsenic, Total, ICP-MS | 0.00164 | mg/L | | 0.0001 | 0.0005 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Atrazine | | ug/L | <MDL | 0.049 | 0.244 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Barium, Dissolved, ICP-MS | 0.00753 | mg/L | | 0.0002 | 0.001 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Barium, Total, ICP-MS | 0.00785 | mg/L | | 0.0002 | 0.001 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Benzidine | | ug/L | <MDL | 0.49 | 4.88 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Benzo(a)anthracene | | ug/L | <MDL | 0.0049 | 0.00976 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Benzo(a)pyrene | | ug/L | <MDL | 0.024 | 0.0488 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Benzo(b)fluoranthene | | ug/L | <MDL | 0.024 | 0.0488 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Benzo(g,h,i)perylene | | ug/L | <MDL | 0.024 | 0.0488 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Benzo(k)fluoranthene | | ug/L | <MDL | 0.024 | 0.0488 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Benzoic Acid | | ug/L | <MDL | 0.24 | 2.44 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Benzyl Alcohol | | ug/L | <MDL | 0.049 | 0.244 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Benzyl Butyl Phthalate | | ug/L | <RDL,B | 1.55 | 0.488 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Beryllium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Beryllium, Total, ICP-MS | | mg/L | <MDL | 0.00005 | 0.00025 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Beta-BHC | | ug/L | <MDL | 0.00065 | 0.0013 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Bis(2-Chloroethoxy)Methane | | ug/L | <MDL | 0.024 | 0.0488 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Bis(2-Chloroethyl)Ether | | ug/L | <MDL | 0.024 | 0.0488 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Bis(2-Chloroisopropyl)Ether | | ug/L | <MDL | 0.0098 | 0.0244 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Bis(2-ethylhexyl)adipate | | ug/L | <RDL,B | 1.05 | 0.488 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Bis(2-Ethylhexyl)Phthalate | | ug/L | B | 2.25 | 0.0488 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Bisphenol A | | ug/L | <MDL | 0.12 | 0.488 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Cadmium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Cadmium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Caffeine | | ug/L | <MDL | 0.024 | 0.0488 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Calcium, Dissolved, ICP | 13.4 | mg/L | | 0.05 | 0.25 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Calcium, Total, ICP | 12.8 | mg/L | | 0.05 | 0.25 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Carbazole | | ug/L | <MDL | 0.0098 | 0.0244 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Chlordecone (Kepone) | | ug/L | <MDL | 0.12 | 0.488 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Chlorpyrifos | | ug/L | <MDL | 0.032 | 0.0472 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Chromium, Dissolved, ICP-MS | 0.000367 | mg/L | | 0.00005 | 0.00025 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Chromium, Total, ICP-MS | 0.000498 | mg/L | | 0.00005 | 0.00025 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Chrysene | | ug/L | <MDL | 0.0098 | 0.0244 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Cobalt, Dissolved, ICP-MS | 6.99E-05 | mg/L | | 0.00001 | 0.00005 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Conductivity, Field | 157 | umhos/cm | | | |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Copper, Dissolved, ICP-MS | 0.000548 | mg/L | | 0.0001 | 0.0005 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Copper, Total, ICP-MS | 0.000623 | mg/L | | 0.0001 | 0.0005 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Coprostanol | | ug/L | <MDL | 1.2 | 9.76 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Dalapon | | ug/L | <MDL | 0.047 | 0.16 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Delta-BHC | | ug/L | <MDL | 0.00065 | 0.0013 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Diazinon | | ug/L | <MDL | 0.041 | 0.0472 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Diazinon | | ug/L | <MDL | 0.049 | 0.244 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Dibenzo(a,h)anthracene | | ug/L | <MDL | 0.024 | 0.0488 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Dibenzofuran | | ug/L | <MDL | 0.0098 | 0.0244 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Dicamba | | ug/L | <MDL | 0.039 | 0.12 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Dichloroprop | | ug/L | <MDL | 0.016 | 0.08 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Dieldrin | | ug/L | <MDL | 0.0013 | 0.0026 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Diethyl Phthalate | 0.294 | ug/L | | 0.024 | 0.0976 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Dimethyl Phthalate | | ug/L | <MDL | 0.024 | 0.0488 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Di-N-Butyl Phthalate | | ug/L | B | 1.15 | 0.244 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Di-N-Octyl Phthalate | | ug/L | <MDL | 0.024 | 0.0488 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Dinoseb | | ug/L | <MDL | 0.046 | 0.16 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Dissolved Oxygen, Field | 7.8 | mg/L | | | |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Disulfoton | | ug/L | <MDL | 0.025 | 0.0472 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Endosulfan I | | ug/L | <MDL | 0.0013 | 0.0026 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Endosulfan II | | ug/L | <MDL | 0.0013 | 0.0026 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Endosulfan Sulfate | | ug/L | <MDL | 0.0013 | 0.0026 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Endrin | | ug/L | <MDL | 0.0013 | 0.0026 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Endrin Aldehyde | | ug/L | <MDL | 0.0026 | 0.00521 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Enterococcus | 26 | CFU/100ml | | | |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Escherichia coli | 57 | CFU/100ml | | | |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Estradiol | | ug/L | <MDL | 0.12 | 0.488 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Estrone | | ug/L | <MDL | 0.12 | 0.488 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Ethynyl estradiol | | ug/L | <MDL | 0.12 | 0.488 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Fecal Coliform | 50 | CFU/100ml | | | |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Fluoranthene | | ug/L | <MDL | 0.024 | 0.0488 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Fluorene | | ug/L | <MDL | 0.024 | 0.0488 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Fluoride | 0.0486 | mg/L | | 0.02 | 0.04 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Gamma-BHC (Lindane) | | ug/L | <MDL | 0.00065 | 0.0013 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Gamma-Chlordane | | ug/L | <MDL | 0.00065 | 0.0013 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Hardness, Calc | 61.1 | mg CaCO3/L | | 0.2 | 1.25 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Heptachlor | | ug/L | <MDL | 0.00065 | 0.0013 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Heptachlor Epoxide | | ug/L | <MDL | 0.00065 | 0.0013 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Hexachlorobenzene | | ug/L | <MDL | 0.024 | 0.0488 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Hexachlorobutadiene | | ug/L | <MDL | 0.024 | 0.0488 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Hexachlorocyclopentadiene | | ug/L | <MDL | 0.049 | 0.488 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Hexachloroethane | | ug/L | <MDL | 0.024 | 0.0488 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Indeno(1,2,3-Cd)Pyrene | | ug/L | <MDL | 0.024 | 0.0488 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Iron, Dissolved, ICP | 0.428 | mg/L | | 0.05 | 0.25 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Iron, Total, ICP | 0.665 | mg/L | | 0.05 | 0.25 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Isophorone | | ug/L | <MDL | 0.24 | 0.0488 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Lead, Dissolved, ICP-MS | 0.000033 | mg/L | <RDL | 0.000025 | 0.000125 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Lead, Total, ICP-MS | 0.000076 | mg/L | <RDL | 0.000025 | 0.000125 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Magnesium, Dissolved, ICP | 7.4 | mg/L | | 0.03 | 0.15 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Magnesium, Total, ICP | 7.07 | mg/L | | 0.03 | 0.15 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Malathion | | ug/L | <MDL | 0.045 | 0.0472 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | MCPA | | ug/L | <MDL | 0.022 | 0.08 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | MCPP | | ug/L | <MDL | 0.03 | 0.08 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Mercury, Dissolved, CVAF | 6.25E-07 | mg/L | | 0.0000001 | 5E-07 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Mercury, Total, CVAF | 8.15E-07 | mg/L | | 0.0000001 | 5E-07 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Methoxychlor | | ug/L | <MDL | 0.0065 | 0.013 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Methyltestosterone | | ug/L | <MDL | 0.12 | 0.488 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Molybdenum, Dissolved, ICP-MS | 0.000321 | mg/L | | 0.00001 | 0.00005 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Molybdenum, Total, ICP-MS | 0.000333 | mg/L | | 0.00001 | 0.00005 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Naphthalene | | ug/L | <MDL | 0.0098 | 0.0244 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Nickel, Dissolved, ICP-MS | 0.00115 | mg/L | | 0.00005 | 0.00025 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Nickel, Total, ICP-MS | 0.00125 | mg/L | | 0.00005 | 0.00025 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Nitrate Nitrogen | 0.376 | mg/L | | 0.02 | 0.04 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Nitrite + Nitrate Nitrogen | 0.376 | mg/L | | 0.02 | 0.04 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Nitrobenzene | | ug/L | <MDL | 0.049 | 0.0976 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | N-Nitrosodimethylamine | | ug/L | <MDL | 0.049 | 0.122 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | N-Nitrosodi-N-Propylamine | | ug/L | <MDL | 0.049 | 0.0976 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | N-Nitrosodiphenylamine | | ug/L | <MDL | 0.024 | 0.0488 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Ortho Phosphorus | 0.022 | mg/L | | 0.002 | 0.005 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Parathion-Ethyl | | ug/L | <MDL | 0.042 | 0.0472 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Parathion-Methyl | | ug/L | <MDL | 0.034 | 0.0472 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Pentachlorophenol | | ug/L | <MDL | 0.12 | 0.976 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | pH, Field | 6.7 | pH | | | |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Phenanthrene | | ug/L | <MDL | 0.0098 | 0.0244 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Phenol | | ug/L | B | 0.09 | 0.00976 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Phorate | | ug/L | <MDL | 0.031 | 0.0472 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Progesterone | | ug/L | <MDL | 0.12 | 0.488 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Pyrene | | ug/L | <MDL | 0.0098 | 0.0244 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Pyridine | | ug/L | <MDL | 0.49 | 0.976 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Sample Temperature, Field | 14.3 | deg C | | | |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Selenium, Dissolved, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Selenium, Total, ICP-MS | | mg/L | <MDL | 0.0005 | 0.0025 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Silver, Dissolved, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Silver, Total, ICP-MS | | mg/L | <MDL | 0.000025 | 0.000125 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Simazine | | ug/L | <MDL | 0.049 | 0.244 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Testosterone | | ug/L | <MDL | 0.12 | 0.488 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Thallium, Dissolved, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Thallium, Total, ICP-MS | | mg/L | <MDL | 0.00001 | 0.00005 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Total 4-Nonylphenol | | ug/L | <MDL | 0.12 | 0.488 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Total Suspended Solids | 1.73 | mg/L | H | 0.5 | 1 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Toxaphene | | ug/L | <MDL | 0.013 | 0.026 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Vanadium, Dissolved, ICP-MS | 0.000713 | mg/L | | 0.000025 | 0.000125 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Vanadium, Total, ICP-MS | 0.000923 | mg/L | | 0.000025 | 0.000125 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Vinclozolin | | ug/L | <MDL | 0.12 | 0.488 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Zinc, Dissolved, ICP-MS | | mg/L | B | 0.00545 | 0.00075 |
| SAMM_WOODIN_MOUTH | 10/7/2002 | L25875-4 | Zinc, Total, ICP-MS | 0.000988 | mg/L | | 0.00015 | 0.00075 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | 1,2,4-Trichlorobenzene | | ug/L | <MDL | 0.024 | 0.0474 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | 1,2-Dichlorobenzene | | ug/L | <MDL | 0.024 | 0.0474 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | 1,2-Diphenylhydrazine | | ug/L | <MDL | 0.047 | 0.0948 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | 1,3-Dichlorobenzene | | ug/L | <MDL | 0.024 | 0.0474 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | 1,4-Dichlorobenzene | | ug/L | <MDL | 0.024 | 0.0474 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | 2,4,5-T | | ug/L | <MDL | 0.043 | 0.12 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | 2,4,5-TP (Silvex) | | ug/L | <MDL | 0.046 | 0.16 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | 2,4,5-Trichlorophenol | | ug/L | <MDL | 0.24 | 0.948 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | 2,4,6-Trichlorophenol | | ug/L | <MDL | 0.24 | 0.948 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | 2,4-D | | ug/L | <MDL | 0.016 | 0.08 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | 2,4-DB | | ug/L | <MDL | 0.022 | 0.08 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | 2,4-Dichlorophenol | | ug/L | <MDL | 0.024 | 0.237 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | 2,4-Dimethylphenol | | ug/L | <MDL | 0.024 | 0.237 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | 2,4-Dinitrophenol | | ug/L | <MDL | 0.24 | 2.37 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | 2,4-Dinitrotoluene | | ug/L | <MDL | 0.47 | 0.948 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | 2,6-Dinitrotoluene | | ug/L | <MDL | 0.47 | 0.948 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | 2-Chloronaphthalene | | ug/L | <MDL | 0.0095 | 0.0237 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | 2-Chlorophenol | | ug/L | <MDL | 0.0095 | 0.0237 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | 2-Methylnaphthalene | | ug/L | <MDL | 0.024 | 0.0474 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | 2-Methylphenol | | ug/L | <MDL | 0.024 | 0.118 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | 2-Nitroaniline | | ug/L | <MDL | 0.47 | 0.948 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | 2-Nitrophenol | | ug/L | <MDL | 0.095 | 0.237 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | 3,3'-Dichlorobenzidine | | ug/L | <MDL | 0.047 | 0.0948 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | 3-Methylphenol | | ug/L | <MDL | 0.024 | 0.118 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | 3-Nitroaniline | | ug/L | <MDL | 0.12 | 0.474 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | 4,4'-DDD | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | 4,4'-DDE | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | 4,4'-DDT | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | 4,6-Dinitro-O-Cresol | | ug/L | <MDL | 0.24 | 2.37 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | 4-Bromophenyl Phenyl Ether | | ug/L | <MDL | 0.047 | 0.0948 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | 4-Chloro-3-Methylphenol | | ug/L | <MDL | 0.24 | 0.948 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | 4-Chloroaniline | | ug/L | <MDL | 0.024 | 0.118 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | 4-Chlorophenyl Phenyl Ether | | ug/L | <MDL | 0.024 | 0.0474 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | 4-Methylphenol | | ug/L | <MDL | 0.024 | 0.118 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | 4-Nitroaniline | | ug/L | <MDL | 0.47 | 0.948 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | 4-Nitrophenol | | ug/L | <MDL | 0.24 | 2.37 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Acenaphthene | | ug/L | <MDL | 0.0047 | 0.00948 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Acenaphthylene | | ug/L | <MDL | 0.047 | 0.0948 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Aldrin | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Alpha-BHC | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Alpha-Chlordane | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Aluminum, Dissolved, ICP-MS | 0.0031 | mg/L | <RDL,H | 0.002 | 0.01 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Aluminum, Total, ICP-MS | 0.0144 | mg/L | | 0.002 | 0.01 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Ammonia Nitrogen | 0.0367 | mg/L | | 0.01 | 0.02 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Aniline | | ug/L | <MDL | 0.95 | 2.37 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Anthracene | | ug/L | <MDL | 0.0095 | 0.0237 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Antimony, Dissolved, ICP-MS | 8.48E-05 | mg/L | H | 0.00001 | 0.00005 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Antimony, Total, ICP-MS | 8.19E-05 | mg/L | H | 0.00001 | 0.00005 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Aroclor 1016 | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Aroclor 1221 | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Aroclor 1232 | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Aroclor 1242 | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Aroclor 1248 | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Aroclor 1254 | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Aroclor 1260 | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Arsenic, Dissolved, ICP-MS | 0.00156 | mg/L | H | 0.0001 | 0.0005 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Arsenic, Total, ICP-MS | 0.00177 | mg/L | H | 0.0001 | 0.0005 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Atrazine | | ug/L | <MDL | 0.47 | 0.948 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Barium, Dissolved, ICP-MS | 0.00707 | mg/L | H | 0.000025 | 0.000125 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Barium, Total, ICP-MS | 0.00732 | mg/L | H | 0.000025 | 0.000125 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Benzidine | | ug/L | <MDL | 0.95 | 4.74 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Benzo(a)anthracene | | ug/L | <MDL | 0.0047 | 0.00948 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Benzo(a)pyrene | | ug/L | <MDL | 0.024 | 0.0474 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Benzo(b)fluoranthene | | ug/L | <MDL | 0.024 | 0.0474 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Benzo(g,h,i)perylene | | ug/L | <MDL | 0.024 | 0.0474 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Benzo(k)fluoranthene | | ug/L | <MDL | 0.024 | 0.0474 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Benzoic Acid | | ug/L | <MDL | 0.24 | 2.37 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Benzyl Alcohol | | ug/L | <MDL | 0.047 | 0.237 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Benzyl Butyl Phthalate | | ug/L | <MDL | 0.24 | 0.474 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Beryllium, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.00005 | 0.00025 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Beryllium, Total, ICP-MS | | mg/L | <MDL,H | 0.00005 | 0.00025 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Beta-BHC | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Bis(2-Chloroethoxy)Methane | | ug/L | <MDL | 0.024 | 0.0474 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Bis(2-Chloroethyl)Ether | | ug/L | <MDL | 0.024 | 0.0474 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Bis(2-Chloroisopropyl)Ether | | ug/L | <MDL | 0.0095 | 0.0237 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Bis(2-ethylhexyl)adipate | | ug/L | <RDL,B | 2.2 | 0.474 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Bis(2-Ethylhexyl)Phthalate | | ug/L | <RDL,B | 8.76 | 0.474 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Bisphenol A | | ug/L | <MDL | 0.12 | 0.474 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Cadmium, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.00001 | 0.00005 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Cadmium, Total, ICP-MS | | mg/L | <MDL,H | 0.00001 | 0.00005 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Caffeine | | ug/L | <MDL | 0.024 | 0.0474 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Calcium, Dissolved, ICP | 13.6 | mg/L | | 0.05 | 0.25 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Calcium, Total, ICP | 14 | mg/L | | 0.05 | 0.25 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Carbazole | | ug/L | <MDL | 0.0095 | 0.0237 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Chlordecone (Kepone) | | ug/L | <MDL | 0.12 | 0.474 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Chlorpyrifos | | ug/L | <MDL | 0.032 | 0.0472 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Chromium, Dissolved, ICP-MS | 0.00035 | mg/L | H | 0.00005 | 0.00025 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Chromium, Total, ICP-MS | 0.000408 | mg/L | H | 0.00005 | 0.00025 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Chrysene | | ug/L | <MDL | 0.0095 | 0.0237 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Cobalt, Dissolved, ICP-MS | 5.12E-05 | mg/L | H | 0.00001 | 0.00005 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Cobalt, Total, ICP-MS | 5.91E-05 | mg/L | H | 0.00001 | 0.00005 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Conductivity, Field | 172 | umhos/cm | | | |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Copper, Dissolved, ICP-MS | 0.000654 | mg/L | H | 0.0001 | 0.0005 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Copper, Total, ICP-MS | 0.000706 | mg/L | H | 0.0001 | 0.0005 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Coprostanol | | ug/L | <MDL | 1.2 | 9.48 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Dalapon | | ug/L | <MDL | 0.047 | 0.16 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Delta-BHC | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Diazinon | | ug/L | <MDL | 0.047 | 0.237 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Diazinon | | ug/L | <MDL | 0.041 | 0.0472 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Dibenzo(a,h)anthracene | | ug/L | <MDL | 0.024 | 0.0474 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Dibenzofuran | | ug/L | <MDL | 0.0095 | 0.0237 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Dicamba | | ug/L | <MDL | 0.039 | 0.12 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Dichloroprop | | ug/L | <MDL | 0.023 | 0.08 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Dieldrin | | ug/L | <MDL | 0.0024 | 0.00472 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Diethyl Phthalate | | ug/L | <MDL | 0.24 | 0.474 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Dimethyl Phthalate | | ug/L | <MDL | 0.24 | 0.474 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Di-N-Butyl Phthalate | | ug/L | <MDL | 0.24 | 0.474 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Di-N-Octyl Phthalate | | ug/L | <MDL | 0.24 | 0.474 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Dinoseb | | ug/L | <MDL | 0.03 | 0.08 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Dissolved Oxygen, Field | 7.1 | mg/L | | | |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Disulfoton | | ug/L | <MDL | 0.025 | 0.0472 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Endosulfan I | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Endosulfan II | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Endosulfan Sulfate | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Endrin | | ug/L | <MDL | 0.0024 | 0.00472 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Endrin Aldehyde | | ug/L | <MDL | 0.0047 | 0.00943 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Enterococcus | 52 | CFU/100ml | | | |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Escherichia coli | 99 | CFU/100ml | | | |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Estradiol | | ug/L | <MDL | 0.12 | 0.474 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Estrone | | ug/L | <MDL | 0.12 | 0.474 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Ethynyl estradiol | | ug/L | <MDL | 0.12 | 0.474 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Fecal Coliform | 160 | CFU/100ml | | | |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Fluoranthene | | ug/L | <MDL | 0.024 | 0.0474 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Fluorene | | ug/L | <MDL | 0.024 | 0.0474 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Fluoride | 0.0438 | mg/L | | 0.02 | 0.04 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Gamma-BHC (Lindane) | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Gamma-Chlordane | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Hardness, Calc | 66.7 | mg CaCO3/L | | 0.2 | 1.25 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Heptachlor | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Heptachlor Epoxide | | ug/L | <MDL | 0.0012 | 0.00236 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Hexachlorobenzene | | ug/L | <MDL | 0.024 | 0.0474 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Hexachlorobutadiene | | ug/L | <MDL | 0.024 | 0.0474 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Hexachlorocyclopentadiene | | ug/L | <MDL | 0.95 | 2.37 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Hexachloroethane | | ug/L | <MDL | 0.024 | 0.0474 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Indeno(1,2,3-Cd)Pyrene | | ug/L | <MDL | 0.024 | 0.0474 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Iron, Dissolved, ICP | 0.403 | mg/L | | 0.05 | 0.25 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Iron, Total, ICP | 0.621 | mg/L | | 0.05 | 0.25 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Isophorone | | ug/L | <MDL | 0.24 | 0.0474 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Lead, Dissolved, ICP-MS | 0.000031 | mg/L | <RDL,H | 0.000025 | 0.000125 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Lead, Total, ICP-MS | 0.000066 | mg/L | <RDL,H | 0.000025 | 0.000125 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Magnesium, Dissolved, ICP | 7.61 | mg/L | | 0.03 | 0.15 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Magnesium, Total, ICP | 7.73 | mg/L | | 0.03 | 0.15 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Malathion | | ug/L | <MDL | 0.045 | 0.0472 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | MCPA | | ug/L | <MDL | 0.038 | 0.12 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | MCPP | | ug/L | <MDL | 0.016 | 0.08 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Mercury, Dissolved, CVAF | 5.4E-07 | mg/L | | 0.0000002 | 5E-07 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Mercury, Total, CVAF | 6.84E-07 | mg/L | | 0.0000002 | 5E-07 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Methoxychlor | | ug/L | <MDL | 0.012 | 0.0236 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Methyltestosterone | | ug/L | <MDL | 0.12 | 0.474 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Molybdenum, Dissolved, ICP-MS | 0.000381 | mg/L | H | 0.00001 | 0.00005 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Molybdenum, Total, ICP-MS | 0.000392 | mg/L | H | 0.00001 | 0.00005 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Naphthalene | | ug/L | <MDL | 0.012 | 0.0237 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Nickel, Dissolved, ICP-MS | 0.00126 | mg/L | H | 0.00005 | 0.00025 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Nickel, Total, ICP-MS | 0.00126 | mg/L | H | 0.00005 | 0.00025 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Nitrate Nitrogen | 0.233 | mg/L | | 0.02 | 0.04 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Nitrite + Nitrate Nitrogen | 0.239 | mg/L | | 0.02 | 0.04 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Nitrobenzene | | ug/L | <MDL | 0.047 | 0.0948 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | N-Nitrosodimethylamine | | ug/L | <MDL | 0.047 | 0.118 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | N-Nitrosodi-N-Propylamine | | ug/L | <MDL | 0.047 | 0.0948 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | N-Nitrosodiphenylamine | | ug/L | <MDL | 0.024 | 0.0474 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Ortho Phosphorus | 0.0181 | mg/L | | 0.002 | 0.005 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Parathion-Ethyl | | ug/L | <MDL | 0.042 | 0.0472 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Parathion-Methyl | | ug/L | <MDL | 0.034 | 0.0472 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Pentachlorophenol | | ug/L | <MDL | 0.47 | 4.74 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | pH, Field | 7 | pH | | | |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Phenanthrene | | ug/L | <MDL | 0.0095 | 0.0237 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Phenol | | ug/L | <MDL | 0.047 | 0.0948 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Phorate | | ug/L | <MDL | 0.031 | 0.0472 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Progesterone | | ug/L | <MDL | 0.12 | 0.474 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Pyrene | | ug/L | <MDL | 0.0095 | 0.0237 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Pyridine | | ug/L | <MDL | 0.95 | 2.37 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Sample Start Time | 1050 | hr | | | |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Sample Temperature, Field | 14.9 | deg C | | | |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Selenium, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.0005 | 0.0025 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Selenium, Total, ICP-MS | | mg/L | <MDL,H | 0.0005 | 0.0025 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Silver, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.000025 | 0.000125 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Silver, Total, ICP-MS | | mg/L | <MDL,H | 0.000025 | 0.000125 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Simazine | | ug/L | <MDL | 0.47 | 0.948 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Testosterone | | ug/L | <MDL | 0.12 | 0.474 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Thallium, Dissolved, ICP-MS | | mg/L | <MDL,H | 0.00001 | 0.00005 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Thallium, Total, ICP-MS | | mg/L | <MDL,H | 0.00001 | 0.00005 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Total 4-Nonylphenol | | ug/L | <MDL | 0.12 | 0.474 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Total Suspended Solids | 0.6 | mg/L | <RDL | 0.5 | 1 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Toxaphene | | ug/L | <MDL | 0.024 | 0.0472 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Vanadium, Dissolved, ICP-MS | 0.00068 | mg/L | H | 0.000025 | 0.000125 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Vanadium, Total, ICP-MS | 0.000838 | mg/L | H | 0.000025 | 0.000125 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Vinclozolin | | ug/L | <MDL | 0.12 | 0.474 |
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Zinc, Dissolved, ICP-MS | 0.00064 | mg/L | <RDL,H | 0.00015 | 0.00075 |

| Locator | Date | Sample ID | Parameter | Value | Units | Qualifier | Mdl | Rdl |
|---|---|---|---|---|---|---|---|---|
| SAMM_WOODIN_MOUTH | 9/15/2003 | L29488-4 | Zinc, Total, ICP-MS | 0.00064 | mg/L | <RDL,H | 0.00015 | 0.00075 |

# Appendix B

**Appendix B: Surface Water Raw Data - NWQL Wastewater Analysis**

| STATION | AT MARYMOOR PARK BRIDGE | BELOW BEAR CREEK | AT 90TH STREET BRIDGE | AT 116TH STREET BRIDGE | AT 124TH STREET BRIDGE | IRRIGATION RETURN @ 124TH ST. | IRRIGATION RETURN AT 145TH STREET | AT 145TH STREET BRIDGE | BELOW WOODIN CREEK | BOTHELL LANDING BOAT LAUNCHN BRIDG | BELOW LITTLE BEAR CREEK | BOTHELL LANDING BIKE TRAIL BRIDGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DATES | 20010904 | 20010905 | 20010905 | 20010905 | 20010904 | 20010904 | 20010904 | 20010904 | 20010905 | 20010905 | 20010905 | 20010904 |
| TIMES | 910 | 1315 | 1230 | 1200 | 1120 | 1100 | 1330 | 1400 | 1100 | 845 | 1030 | 1550 |
| 17A-ET ESTRADIOL (UG/L) | < 5.00 | < 5.00 | < 5.00 | < 5.00 | < 5.00 | < 5.00 | < 5.00 | < 5.00 | < 5.00 | < 5.00 | < 5.00 | < 5.00 |
| 17B-ET ESTRADIOL (UG/L) | < 5.00 | < 5.00 | < 5.00 | < 5.00 | < 5.00 | < 5.00 | < 5.00 | < 5.00 | < 5.00 | < 5.00 | < 5.00 | < 5.00 |
| 1METHNAPHTHALENE (UG/L) | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 |
| 26DIMETNAPHTHALN (UG/L) | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 |
| 2METHNAPHTHALENE (UG/L) | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 |
| 3B-COPROSTANOL,W (UG/L) | < 2.00 | E .25 | < 2.00 | < 2.00 | < 2.00 | < 2.00 | < 2.00 | < 2.00 | < 2.00 | < 2.00 | < 2.00 | < 2.00 |
| 3MTHYL1(H)INDOLE (UG/L) | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 |
| 3TERT-BHA,W,F (UG/L) | < 5.00 | < 5.00 | < 5.00 | < 5.00 | < 5.00 | < 5.00 | < 5.00 | < 5.00 | < 5.00 | < 5.00 | < 5.00 | < 5.00 |
| 4CUMYLPHENOL,W,F (UG/L) | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 |
| 4OCTYLPHENOL,W,F (UG/L) | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 |
| 4TERTOCTYLPHENOL (UG/L) | E .02 | E .02 | < 1.00 | < 1.00 | E .02 | E .01 | E .12 | E .02 | < 1.00 | < 1.00 | < 1.00 | E .02 |
| 5MTH1HBNZTRIAZLE (UG/L) | < 2.00 | < 2.00 | < 2.00 | < 2.00 | < 2.00 | < 2.00 | < 2.00 | < 2.00 | < 2.00 | < 2.00 | < 2.00 | < 2.00 |
| ACETOPHENONE,W,F (UG/L) | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 |
| AHT NAPHTHALENE, (UG/L) | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 |
| ANTHRACENE DISS. (UG/L) | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 |
| ANTHRAQUINONE,W, (UG/L) | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 |
| BENZOPHENONE,W,F (UG/L) | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 |
| BISPHENOL A,W,F (UG/L) | E .41 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | E .48 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 |
| BISPHENOLAD3,SUR (PERCENT) | 106 | 95.5 | 88.7 | 21 | 101 | 93.4 | 21 | 51.4 | 89.7 | 0 | 89 | 106 |
| BROMACIL DISS RE (UG/L) | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 |
| BROMOFORM DISSOL (UG/L) | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 |
| B-SITOSTEROL,W,F (UG/L) | < 2.00 | E .36 | < 2.00 | < 2.00 | < 2.00 | < 2.00 | < 2.00 | < 2.00 | < 2.00 | < 2.00 | < 2.00 | < 2.00 |
| CAFFEINE WATER F MICROGRAMS/ | E .031 | < .500 | E .020 | E .020 | E .017 | E .024 | < .500 | E .020 | E .019 | E .033 | E .019 | E .024 |
| CAFFEINEC13,SUR, (PERCENT) | 116 | 103 | 113 | 121 | 108 | 98.9 | 128 | 101 | 110 | 126 | 126 | 109 |
| CAMPHOR,W,F, (UG/L) | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 |
| CARBARYL FIL 0.7 (UG/L) | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| CARBAZOLE,W,F (UG/L) | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 |
| CHLORPYRIFOS, DI UG/L | < .500 | < .500 | < .500 | < .500 | < .500 | < .500 | < .500 | < .500 | < .500 | < .500 | < .500 | < .500 |
| CHOLESTEROL,W,F (UG/L) | E .48 | E .49 | E .61 | E 1.10 | E .69 | E .71 | < 2.00 | E .38 | E .39 | E .62 | E .46 | E .36 |
| COTININE,WTR (UG/L) | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 | < 1.0 |
| DCFLBIPHENYL,SUR (PERCENT) | 84.3 | 82 | 95.3 | 83.7 | 71.7 | 73.8 | 85.2 | 72.8 | 85.4 | 98.6 | 83.9 | 71.3 |
| DEET,W,F (UG/L) | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 |
| DIAZINON DISSOLV UG/L | < .500 | < .500 | < .500 | < .500 | < .500 | < .500 | < .500 | < .500 | < .500 | < .500 | < .500 | < .500 |
| DICHL.BENZENE 1, (UG/L) | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 |
| DICLORVOS WAT FL (UG/L) | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 |
| DIETHOXYOCTYLPHE (UG/L) | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 |
| D-LIMONENE,W,F (UG/L) | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 |

**Appendix B: Surface Water Raw Data - NWQL Wastewater Analysis**

| STATION | AT MARYMOOR PARK BRIDGE | BELOW BEAR CREEK | AT 90TH STREET BRIDGE | AT 116TH STREET BRIDGE | AT 124TH STREET BRIDGE | IRRIGATION RETURN @ 124TH ST. | IRRIGATION RETURN AT 145TH STREET | AT 145TH STREET BRIDGE | BELOW WOODIN CREEK | BOTHELL LANDING BOAT LAUNCHN BRIDG | BELOW LITTLE BEAR CREEK | BOTHELL LANDING BIKE TRAIL BRIDGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EQUILENIN,W,F (UG/L) | < 5.00 | < 5.00 | < 5.00 | < 5.00 | < 5.00 | < 5.00 | < 5.00 | < 5.00 | < 5.00 | < 5.00 | < 5.00 | < 5.00 |
| ESTRONE,WTR,FLT, (UG/L) | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 | < 5 |
| FLRANTHN D10,SUR (PERCENT) | 112 | 98.9 | 108 | 116 | 108 | 99.1 | 124 | 102 | 106 | 116 | 121 | 103 |
| FLUORANTHENE DIS (UG/L) | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 |
| FYROL CEF,W,F (UG/L) | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 |
| FYROL PCF,W,F (UG/L) | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | E .03 |
| HEXAHYDROH_PYRAN (UG/L) | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 |
| INDOLE,WF (UG/L) | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 |
| ISOBORNEOL,W,F (UG/L) | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 |
| ISOPHORONE DISSO (UG/L) | < .50 | < .50 | < .50 | E .31 | < .50 | < .50 | < .50 | < .50 | 1.3 | E .27 | < .50 | < .50 |
| ISOPROPYL BNZENE (UG/L) | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 |
| ISOQUINOLINE,W,F (UG/L) | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 |
| MENTHOL,W,F (UG/L) | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 |
| METALAXYL WATER MICROGRAMS | < .500 | < .500 | < .500 | < .500 | < .500 | < .500 | < .500 | < .500 | < .500 | < .500 | < .500 | < .500 |
| METHY SALICYLATE (UG/L) | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 |
| METOLACHLOR,WAT. UG/L | < .500 | < .500 | < .500 | < .500 | < .500 | < .500 | < .500 | < .500 | < .500 | < .500 | < .500 | < .500 |
| MONETHOXYOCTYLPH (UG/L) | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 |
| NAPHTHALENE DISS (UG/L) | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 |
| NONYLPHENO_THOXY (UG/L) | < 5.00 | < 5.00 | < 5.00 | < 5.00 | < 5.00 | < 5.00 | < 5.00 | < 5.00 | < 5.00 | < 5.00 | < 5.00 | < 5.00 |
| P-CRESOL,W,F (UG/L) | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 |
| PENTACHLOROPHENO (UG/L) | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 | < 2.0 |
| PHENANTHRENE DIS (UG/L) | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 |
| PHENOL, FILTERED (UG/L) | E .18 | E .30 | E .20 | E .42 | E .24 | E .10 | 0.52 | E .24 | E .36 | E .44 | E .45 | 0.62 |
| P-NONYLPHENOL,W, (UG/L) | < 5.00 | < 5.00 | < 5.00 | < 5.00 | < 5.00 | < 5.00 | < 5.00 | < 5.00 | < 5.00 | < 5.00 | < 5.00 | < 5.00 |
| PROMETON DISS RE (UG/L) | < .500 | < .500 | < .500 | < .500 | < .500 | < .500 | < .500 | < .500 | < .500 | < .500 | < .500 | < .500 |
| PYRENE BZ.A.D. (UG/L) | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 |
| SPECIFIC CONDUCT US/CM @ 25C | 115 | 131 | 132 | 137 | 140 | 143 | 232 | 147 | 154 | 168 | 158 | 169 |
| STIGMASTANOL,W,F (UG/L) | < 2.00 | E .37 | < 2.00 | < 2.00 | < 2.00 | < 2.00 | < 2.00 | < 2.00 | < 2.00 | < 2.00 | < 2.00 | < 2.00 |
| TETRACHLOROETHYL (UG/L) | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 |
| TRIBUTYLPHOSPHAT (UG/L) | E .06 | < .50 | < .50 | E .08 | E .05 | < .50 | < .50 | E .04 | E .07 | E .06 | < .50 | E .05 |
| TRICLOSAN,W,F (UG/L) | < 1.00 | E .10 | E .04 | E .06 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | < 1.00 | E .04 |
| TRIETHYL CITRATE (UG/L) | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 |
| TRIPHNL PHOSPHTE (UG/L) | < .50 | E .01 | < .50 | < .50 | E .01 | < .50 | < .50 | < .50 | < .50 | E .01 | < .50 | E |
| TRIS2BUTOXYETPO4 (UG/L) | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 | < .50 |

# Appendix C

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0450 | 10/15/2001 | L22024-2 | Isophorone | | 45.4 | | ug/Kg | <MDL | 19 | 41.850 | 38 |
| 0450 | 10/15/2001 | L22024-2 | Manganese, Total, ICP | 175 | 45.4 | 385.463 | mg/Kg | | 0.099 | 0.218 | 0.493 |
| 0450 | 10/15/2001 | L22024-2 | Malathion | | 45.4 | | ug/Kg | <MDL | 53 | 116.740 | 100 |
| 0450 | 10/15/2001 | L22024-2 | MCPP | | 45.4 | | ug/Kg | <MDL | 1.8 | 3.965 | 6.45 |
| 0450 | 10/15/2001 | L22024-2 | MCPA | | 45.4 | | ug/Kg | <MDL | 0.97 | 2.137 | 6.45 |
| 0450 | 10/15/2001 | L22024-2 | Lube Oil Range (>C24) | 134 | 45.4 | 295.154 | mg/Kg | | 25 | 55.066 | 25 |
| 0450 | 10/15/2001 | L22024-2 | Lube Oil Range (  >C24) | | 45.4 | | mg/Kg | P | 100 | 220.264 | 100 |
| 0450 | 10/15/2001 | L22024-2 | Lead, Extractable, SEM | 5.5 | 45.4 | 12.115 | mg/Kg | <RDL,H | 1.5 | 3.304 | 7.42 |
| 0450 | 10/15/2001 | L22024-2 | Methoxychlor | | 45.4 | | ug/Kg | <MDL | 5 | 11.013 | 10 |
| 0450 | 10/15/2001 | L22024-2 | Indeno(1,2,3-Cd)Pyrene | 26.1 | 45.4 | 57.489 | ug/Kg | G | 9 | 19.824 | 18 |
| 0450 | 10/15/2001 | L22024-2 | Hexachloroethane | | 45.4 | | ug/Kg | <MDL,G | 15 | 33.040 | 30 |
| 0450 | 10/15/2001 | L22024-2 | Hexachlorobutadiene | | 45.4 | | ug/Kg | <MDL,G | 0.75 | 1.652 | 1.5 |
| 0450 | 10/15/2001 | L22024-2 | Hexachlorobenzene | | 45.4 | | ug/Kg | <MDL | 0.66 | 1.454 | 1.33 |
| 0450 | 10/15/2001 | L22024-2 | Heptachlor Epoxide | | 45.4 | | ug/Kg | <MDL | 0.5 | 1.101 | 1 |
| 0450 | 10/15/2001 | L22024-2 | Heptachlor | | 45.4 | | ug/Kg | <MDL | 0.5 | 1.101 | 1 |
| 0450 | 10/15/2001 | L22024-2 | Lead, Total, ICP | 6.7 | 45.4 | 14.758 | mg/Kg | <RDL | 1.5 | 3.304 | 7.39 |
| 0450 | 10/15/2001 | L22024-2 | Nickel, Total, ICP | 13.5 | 45.4 | 29.736 | mg/Kg | | 0.99 | 2.181 | 4.93 |
| 0450 | 10/15/2001 | L22024-2 | Pyrene | 66.2 | 45.4 | 145.815 | ug/Kg | L | 4 | 8.811 | 8 |
| 0450 | 10/15/2001 | L22024-2 | Phorate | | 45.4 | | ug/Kg | <MDL | 33 | 72.687 | 66.7 |
| 0450 | 10/15/2001 | L22024-2 | Phenol | | 45.4 | | ug/Kg | <MDL | 9 | 19.824 | 18 |
| 0450 | 10/15/2001 | L22024-2 | Phenanthrene | 25.7 | 45.4 | 56.608 | ug/Kg | | 4 | 8.811 | 8 |
| 0450 | 10/15/2001 | L22024-2 | Pentachlorophenol | | 45.4 | | ug/Kg | <MDL | 5 | 11.013 | 10 |
| 0450 | 10/15/2001 | L22024-2 | Parathion-Methyl | | 45.4 | | ug/Kg | <MDL | 53 | 116.740 | 100 |
| 0450 | 10/15/2001 | L22024-2 | Mercury, Extractable, SEM | | 45.4 | | mg/Kg | <MDL,H | 0.011 | 0.024 | 0.0326 |
| 0450 | 10/15/2001 | L22024-2 | Nitrobenzene | | 45.4 | | ug/Kg | <MDL,G | 16 | 35.242 | 32 |
| 0450 | 10/15/2001 | L22024-2 | Mercury, Total, CVAA | 0.021 | 45.4 | 0.046 | mg/Kg | <RDL | 0.019 | 0.042 | 0.192 |
| 0450 | 10/15/2001 | L22024-2 | Nickel, Extractable, SEM | 5.47 | 45.4 | 12.048 | mg/Kg | E,H | 0.99 | 2.181 | 4.94 |
| 0450 | 10/15/2001 | L22024-2 | Naphthalene | | 45.4 | | ug/Kg | <MDL,G | 14 | 30.837 | 28 |
| 0450 | 10/15/2001 | L22024-2 | N-Nitrosodiphenylamine | | 45.4 | | ug/Kg | <MDL | 20 | 44.053 | 40 |
| 0450 | 10/15/2001 | L22024-2 | N-Nitrosodimethylamine | | 45.4 | | ug/Kg | <MDL,X | 20 | 44.053 | 40 |
| 0450 | 10/15/2001 | L22024-2 | N-Nitrosodi-N-Propylamine | | 45.4 | | ug/Kg | <MDL | 9 | 19.824 | 18 |
| 0450 | 10/15/2001 | L22024-2 | Mono-n-Butyltin (as monobutyltin io | 4.55 | 45.4 | 10.022 | ug/Kg | | 1.7 | 3.744 | 3.37 |
| 0450 | 10/15/2001 | L22024-2 | Gamma-BHC (Lindane) | | 45.4 | | ug/Kg | <MDL | 0.5 | 1.101 | 1 |
| 0450 | 10/15/2001 | L22024-2 | Parathion-Ethyl | | 45.4 | | ug/Kg | <MDL | 53 | 116.740 | 100 |
| 0450 | 10/15/2001 | L22024-2 | Copper, Total, ICP | 7.17 | 45.4 | 15.793 | mg/Kg | | 0.2 | 0.441 | 0.985 |
| 0450 | 10/15/2001 | L22024-2 | Gravel | 0.6 | 45.4 | 1.322 | % | | 0.1 | 0.220 | 0.1 |
| 0450 | 10/15/2001 | L22024-2 | Diazinon | | 45.4 | | ug/Kg | <MDL | 20 | 44.053 | 33.3 |
| 0450 | 10/15/2001 | L22024-2 | Di-n-Butyltin (as dibutyltin ion) | 1.93 | 45.4 | 4.251 | ug/Kg | E | 0.35 | 0.771 | 0.7 |
| 0450 | 10/15/2001 | L22024-2 | Di-N-Octyl Phthalate | | 45.4 | | ug/Kg | <MDL | 8 | 17.621 | 16 |
| 0450 | 10/15/2001 | L22024-2 | Di-N-Butyl Phthalate | | 45.4 | | ug/Kg | <MDL,B | 5 | 11.013 | 10 |
| 0450 | 10/15/2001 | L22024-2 | Delta-BHC | | 45.4 | | ug/Kg | <MDL | 0.5 | 1.101 | 1 |
| 0450 | 10/15/2001 | L22024-2 | Dibenzofuran | | 45.4 | | ug/Kg | <MDL | 14 | 30.837 | 28 |
| 0450 | 10/15/2001 | L22024-2 | Coprostanol | | 45.4 | | ug/Kg | <MDL | 14 | 30.837 | 28 |
| 0450 | 10/15/2001 | L22024-2 | Dicamba | | 45.4 | | ug/Kg | <MDL | 1.6 | 3.524 | 6.45 |
| 0450 | 10/15/2001 | L22024-2 | Copper, Extractable, SEM | 5.52 | 45.4 | 12.159 | mg/Kg | E,H | 0.2 | 0.441 | 0.989 |
| 0450 | 10/15/2001 | L22024-2 | Clay | 2.1 | 45.4 | 4.626 | % | | 0.1 | 0.220 | 0.1 |
| 0450 | 10/15/2001 | L22024-2 | Chrysene | 39.9 | 45.4 | 87.885 | ug/Kg | | 4 | 8.811 | 8 |
| 0450 | 10/15/2001 | L22024-2 | Chromium, Total, ICP | 14.1 | 45.4 | 31.057 | mg/Kg | | 0.25 | 0.551 | 1.23 |
| 0450 | 10/15/2001 | L22024-2 | Chromium, Extractable, SEM | 3.31 | 45.4 | 7.291 | mg/Kg | E,H | 0.25 | 0.551 | 1.24 |
| 0450 | 10/15/2001 | L22024-2 | Chlorpyrifos | | 45.4 | | ug/Kg | <MDL | 33 | 72.687 | 66.7 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0450 | 10/15/2001 | L22024-2 | Chlordane | | 45.4 | | ug/Kg | <MDL | 0.5 | 1.101 | 1 |
| 0450 | 10/15/2001 | L22024-2 | Dalapon | | 45.4 | | ug/Kg | <MDL,G | 2 | 4.405 | 6.45 |
| 0450 | 10/15/2001 | L22024-2 | Endosulfan I | | 45.4 | | ug/Kg | <MDL | 1 | 2.203 | 2 |
| 0450 | 10/15/2001 | L22024-2 | Sample Function | | 45.4 | | none | | | | |
| 0450 | 10/15/2001 | L22024-2 | Fluorene | | 45.4 | | ug/Kg | <MDL | 13 | 28.634 | 26 |
| 0450 | 10/15/2001 | L22024-2 | Fluoranthene | 61.8 | 45.4 | 136.123 | ug/Kg | L | 8 | 17.621 | 16 |
| 0450 | 10/15/2001 | L22024-2 | Extractable Phosphorus | 14.3 | 45.4 | 31.498 | mg/Kg | | 0.2 | 0.441 | 0.5 |
| 0450 | 10/15/2001 | L22024-2 | Endrin Aldehyde | | 45.4 | | ug/Kg | <MDL,G | 2 | 4.405 | 4 |
| 0450 | 10/15/2001 | L22024-2 | Endrin | | 45.4 | | ug/Kg | <MDL | 1 | 2.203 | 2 |
| 0450 | 10/15/2001 | L22024-2 | Dibenzo(a,h)anthracene | | 45.4 | | ug/Kg | B,L | 110 | 242.291 | 14 |
| 0450 | 10/15/2001 | L22024-2 | Endosulfan II | | 45.4 | | ug/Kg | <MDL | 1 | 2.203 | 2 |
| 0450 | 10/15/2001 | L22024-2 | Gasoline Range (C7 Thru C12) | | 45.4 | | mg/Kg | <MDL | 20 | 44.053 | 20 |
| 0450 | 10/15/2001 | L22024-2 | Disulfoton | | 45.4 | | ug/Kg | <MDL | 20 | 44.053 | 33.3 |
| 0450 | 10/15/2001 | L22024-2 | Dinoseb | | 45.4 | | ug/Kg | <MDL | 0.53 | 1.167 | 6.45 |
| 0450 | 10/15/2001 | L22024-2 | Dimethyl Phthalate | | 45.4 | | ug/Kg | <MDL | 11 | 24.229 | 22 |
| 0450 | 10/15/2001 | L22024-2 | Diethyl Phthalate | | 45.4 | | ug/Kg | <MDL | 6 | 13.216 | 12 |
| 0450 | 10/15/2001 | L22024-2 | Diesel Range (>C12 Thru C24) | | 45.4 | | mg/Kg | <MDL | 50 | 110.132 | 50 |
| 0450 | 10/15/2001 | L22024-2 | Dieldrin | | 45.4 | | ug/Kg | <MDL | 1 | 2.203 | 2 |
| 0450 | 10/15/2001 | L22024-2 | Dichloroprop | | 45.4 | | ug/Kg | <MDL | 0.69 | 1.520 | 6.45 |
| 0450 | 10/15/2001 | L22024-2 | Endosulfan Sulfate | | 45.4 | | ug/Kg | <MDL | 1 | 2.203 | 2 |
| 0450 | 10/15/2001 | L22024-2 | Sample Depth | 2.7 | 45.4 | 5.947 | m | | | | |
| 0450 | 10/15/2001 | L22024-2 | Silt | 29.7 | 45.4 | 65.419 | % | | 0.1 | 0.220 | 0.1 |
| 0450 | 10/15/2001 | L22024-2 | Total Sulfide | 110 | 45.4 | 242.291 | mg/Kg | | 10 | 22.026 | 10 |
| 0450 | 10/15/2001 | L22024-2 | Total Solids | 45.4 | 45.4 | 100.000 | % | | 0.005 | 0.011 | 0.01 |
| 0450 | 10/15/2001 | L22024-2 | Total Phosphorus | 204 | 45.4 | 449.339 | mg/Kg | | 6.3 | 13.877 | 12.5 |
| 0450 | 10/15/2001 | L22024-2 | Total Organic Carbon | 11000 | 45.4 | 24229.075 | mg/Kg | | 750 | 1651.982 | 1500 |
| 0450 | 10/15/2001 | L22024-2 | Thallium, Total, ICP | | 45.4 | | mg/Kg | <MDL | 9.9 | 21.806 | 49.3 |
| 0450 | 10/15/2001 | L22024-2 | Tri-n-Butyltin (as tributyltin ion) | 0.777 | 45.4 | 1.711 | ug/Kg | E | 0.21 | 0.463 | 0.415 |
| 0450 | 10/15/2001 | L22024-2 | Silver, Total, ICP | | 45.4 | | mg/Kg | <MDL | 0.2 | 0.441 | 0.985 |
| 0450 | 10/15/2001 | L22024-2 | Zinc, Extractable, SEM | 31.6 | 45.4 | 69.604 | mg/Kg | B,H | 15.8 | 34.802 | 1.24 |
| 0450 | 10/15/2001 | L22024-2 | Selenium, Total, ICP | | 45.4 | | mg/Kg | <MDL | 2.5 | 5.507 | 12.3 |
| 0450 | 10/15/2001 | L22024-2 | Sediment Type | | 45.4 | | none | | | | |
| 0450 | 10/15/2001 | L22024-2 | Sediment Sampling Range | | 45.4 | | none | | | | |
| 0450 | 10/15/2001 | L22024-2 | Sediment Sampling Depth | | 45.4 | | cm | | | | |
| 0450 | 10/15/2001 | L22024-2 | Sand | 67.6 | 45.4 | 148.899 | % | | 0.1 | 0.220 | 0.1 |
| 0450 | 10/15/2001 | L22024-2 | Sampling Method | | 45.4 | | none | | | | |
| 0450 | 10/15/2001 | L22024-2 | Cadmium, Total, ICP | 0.15 | 45.4 | 0.330 | mg/Kg | <RDL | 0.15 | 0.330 | 0.739 |
| 0450 | 10/15/2001 | L22024-2 | Tetra-n-Butyltin (as tetrabutyltin) | | 45.4 | | ug/Kg | <MDL | 0.4 | 0.881 | 0.801 |
| 0450 | 10/15/2001 | L22024-2 | Toxaphene | | 45.4 | | ug/Kg | <MDL | 10 | 22.026 | 20 |
| 0450 | 10/15/2001 | L22024-2 | Sample Description | | 45.4 | | none | | | | |
| 0450 | 10/15/2001 | L22024-2 | p+1.00 | 2.9 | 45.4 | 6.388 | % | | 0.1 | 0.220 | 0.1 |
| 0450 | 10/15/2001 | L22024-2 | p+0.00 | 0.9 | 45.4 | 1.982 | % | | 0.1 | 0.220 | 0.1 |
| 0450 | 10/15/2001 | L22024-2 | Zinc, Total, ICP | 33.4 | 45.4 | 73.568 | mg/Kg | | 0.25 | 0.551 | 1.23 |
| 0450 | 10/15/2001 | L22024-2 | Carbazole | | 45.4 | | ug/Kg | <MDL | 7 | 15.419 | 14 |
| 0450 | 10/15/2001 | L22024-2 | Aniline | | 45.4 | | ug/Kg | <MDL,X | 19 | 41.850 | 38 |
| 0450 | 10/15/2001 | L22024-2 | 4-Chlorophenyl Phenyl Ether | | 45.4 | | ug/Kg | <MDL | 13 | 28.634 | 26 |
| 0450 | 10/15/2001 | L22024-2 | Aroclor 1248 | | 45.4 | | ug/Kg | <MDL | 1.3 | 2.863 | 2.5 |
| 0450 | 10/15/2001 | L22024-2 | Aroclor 1242 | | 45.4 | | ug/Kg | <MDL | 1.3 | 2.863 | 2.5 |
| 0450 | 10/15/2001 | L22024-2 | Aroclor 1232 | | 45.4 | | ug/Kg | <MDL | 2.5 | 5.507 | 5 |
| 0450 | 10/15/2001 | L22024-2 | Aroclor 1221 | | 45.4 | | ug/Kg | <MDL | 2.5 | 5.507 | 5 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0450 | 10/15/2001 | L22024-2 | Aroclor 1016 | | 45.4 | | ug/Kg | <MDL | 1.3 | 2.863 | 2.5 |
| 0450 | 10/15/2001 | L22024-2 | Aroclor 1260 | | 45.4 | | ug/Kg | <MDL | 1.3 | 2.863 | 2.5 |
| 0450 | 10/15/2001 | L22024-2 | Anthracene | | 45.4 | | ug/Kg | <MDL,G,E | 4 | 8.811 | 8 |
| 0450 | 10/15/2001 | L22024-2 | Arsenic, Total, ICP | | 45.4 | | mg/Kg | <MDL | 2.5 | 5.507 | 12.3 |
| 0450 | 10/15/2001 | L22024-2 | Ammonia Nitrogen | 10 | 45.4 | 22.026 | mg/Kg | | 0.1 | 0.220 | 0.2 |
| 0450 | 10/15/2001 | L22024-2 | Alpha-BHC | | 45.4 | | ug/Kg | <MDL | 0.5 | 1.101 | 1 |
| 0450 | 10/15/2001 | L22024-2 | Aldrin | | 45.4 | | ug/Kg | <MDL | 1 | 2.203 | 2 |
| 0450 | 10/15/2001 | L22024-2 | Acid Volatile Sulfides | 91.4 | 45.4 | 201.322 | mg/Kg | H,TA,E | 10 | 22.026 | 10 |
| 0450 | 10/15/2001 | L22024-2 | Acenaphthylene | | 45.4 | | ug/Kg | <MDL | 15 | 33.040 | 30 |
| 0450 | 10/15/2001 | L22024-2 | Acenaphthene | | 45.4 | | ug/Kg | <MDL | 7 | 15.419 | 14 |
| 0450 | 10/15/2001 | L22024-2 | Antimony, Total, ICP | | 45.4 | | mg/Kg | <MDL,G | 1.5 | 3.304 | 7.39 |
| 0450 | 10/15/2001 | L22024-2 | Benzyl Butyl Phthalate | 17.7 | 45.4 | 38.987 | ug/Kg | | 6 | 13.216 | 12 |
| 0450 | 10/15/2001 | L22024-2 | Cadmium, Extractable, SEM | | 45.4 | | mg/Kg | <MDL,H | 0.15 | 0.330 | 0.742 |
| 0450 | 10/15/2001 | L22024-2 | Bis(2-Ethylhexyl)Phthalate | 535 | 45.4 | 1178.414 | ug/Kg | B,L | 160 | 352.423 | 14 |
| 0450 | 10/15/2001 | L22024-2 | Bis(2-Chloroisopropyl)Ether | | 45.4 | | ug/Kg | <MDL | 15 | 33.040 | 30 |
| 0450 | 10/15/2001 | L22024-2 | Bis(2-Chloroethyl)Ether | | 45.4 | | ug/Kg | <MDL,G | 15 | 33.040 | 30 |
| 0450 | 10/15/2001 | L22024-2 | Bis(2-Chloroethoxy)Methane | | 45.4 | | ug/Kg | <MDL | 17 | 37.445 | 34 |
| 0450 | 10/15/2001 | L22024-2 | Aroclor 1254 | | 45.4 | | ug/Kg | <MDL | 1.3 | 2.863 | 2.5 |
| 0450 | 10/15/2001 | L22024-2 | Beryllium, Total, ICP | 0.089 | 45.4 | 0.196 | mg/Kg | <RDL | 0.049 | 0.108 | 0.246 |
| 0450 | 10/15/2001 | L22024-2 | 4-Bromophenyl Phenyl Ether | | 45.4 | | ug/Kg | <MDL | 9 | 19.824 | 18 |
| 0450 | 10/15/2001 | L22024-2 | Benzyl Alcohol | | 45.4 | | ug/Kg | <MDL,G | 6 | 13.216 | 12 |
| 0450 | 10/15/2001 | L22024-2 | Benzoic Acid | 155 | 45.4 | 341.410 | ug/Kg | G | 6 | 13.216 | 12 |
| 0450 | 10/15/2001 | L22024-2 | Benzo(k)fluoranthene | 51.8 | 45.4 | 114.097 | ug/Kg | B | 33 | 72.687 | 6 |
| 0450 | 10/15/2001 | L22024-2 | Benzo(g,h,i)perylene | 16.3 | 45.4 | 35.903 | ug/Kg | | 8 | 17.621 | 16 |
| 0450 | 10/15/2001 | L22024-2 | Benzo(b)fluoranthene | 43.6 | 45.4 | 96.035 | ug/Kg | | 3 | 6.608 | 6 |
| 0450 | 10/15/2001 | L22024-2 | Benzo(a)pyrene | | 45.4 | | ug/Kg | B | 86.4 | 190.308 | 6 |
| 0450 | 10/15/2001 | L22024-2 | Benzo(a)anthracene | 23.6 | 45.4 | 51.982 | ug/Kg | | 2 | 4.405 | 4 |
| 0450 | 10/15/2001 | L22024-2 | Beta-BHC | | 45.4 | | ug/Kg | <MDL | 0.5 | 1.101 | 1 |
| 0450 | 10/15/2001 | L22024-2 | 4-Methylphenol | | 45.4 | | ug/Kg | <MDL | 16 | 35.242 | 32 |
| 0450 | 10/15/2001 | L22024-2 | 1,3-Dichlorobenzene | | 45.4 | | ug/Kg | <MDL,G | 0.26 | 0.573 | 0.53 |
| 0450 | 10/15/2001 | L22024-2 | 1,2-Diphenylhydrazine | | 45.4 | | ug/Kg | <MDL | 10 | 22.026 | 20 |
| 0450 | 10/15/2001 | L22024-2 | 1,2-Dichlorobenzene | | 45.4 | | ug/Kg | <MDL,G | 0.26 | 0.573 | 0.53 |
| 0450 | 10/15/2001 | L22024-2 | 1,2,4-Trichlorobenzene | | 45.4 | | ug/Kg | <MDL,G | 0.26 | 0.573 | 0.53 |
| 0450 | 10/15/2001 | L22024-2 | 2,4,5-T | | 45.4 | | ug/Kg | <MDL | 1.4 | 3.084 | 6.45 |
| 0450 | 10/15/2001 | L22024-2 | 2,4,5-TP (Silvex) | | 45.4 | | ug/Kg | <MDL | 2.1 | 4.626 | 6.45 |
| 0450 | 10/15/2001 | L22024-2 | 2,6-Dinitrotoluene | | 45.4 | | ug/Kg | <MDL | 10 | 22.026 | 20 |
| 0450 | 10/15/2001 | L22024-2 | 4,4'-DDT | | 45.4 | | ug/Kg | <MDL | 1 | 2.203 | 2 |
| 0450 | 10/15/2001 | L22024-2 | 4,4'-DDE | | 45.4 | | ug/Kg | <MDL | 1 | 2.203 | 2 |
| 0450 | 10/15/2001 | L22024-2 | 4,4'-DDD | | 45.4 | | ug/Kg | <MDL | 1 | 2.203 | 2 |
| 0450 | 10/15/2001 | L22024-2 | 2-Nitrophenol | | 45.4 | | ug/Kg | <MDL | 15 | 33.040 | 30 |
| 0450 | 10/15/2001 | L22024-2 | 2-Methylphenol | | 45.4 | | ug/Kg | <MDL | 19 | 41.850 | 38 |
| 0450 | 10/15/2001 | L22024-2 | 2-Methylnaphthalene | | 45.4 | | ug/Kg | <MDL | 14 | 30.837 | 28 |
| 0450 | 10/15/2001 | L22024-2 | 1,4-Dichlorobenzene | | 45.4 | | ug/Kg | <MDL,G | 0.13 | 0.286 | 0.264 |
| 0450 | 10/15/2001 | L22024-2 | 2-Chloronaphthalene | | 45.4 | | ug/Kg | <MDL | 16 | 35.242 | 32 |
| 0450 | 10/15/2001 | L22024-2 | Caffeine | | 45.4 | | ug/Kg | <MDL | 6 | 13.216 | 12 |
| 0450 | 10/15/2001 | L22024-2 | 2,4-Dinitrotoluene | | 45.4 | | ug/Kg | <MDL | 3 | 6.608 | 6 |
| 0450 | 10/15/2001 | L22024-2 | 2,4-Dimethylphenol | | 45.4 | | ug/Kg | <MDL | 7 | 15.419 | 14 |
| 0450 | 10/15/2001 | L22024-2 | 2,4-Dichlorophenol | | 45.4 | | ug/Kg | <MDL | 16 | 35.242 | 32 |
| 0450 | 10/15/2001 | L22024-2 | 2,4-DB | | 45.4 | | ug/Kg | <MDL | 0.91 | 2.004 | 6.45 |
| 0450 | 10/15/2001 | L22024-2 | 2,4-D | | 45.4 | | ug/Kg | <MDL | 0.53 | 1.167 | 6.45 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0450 | 10/15/2001 | L22024-2 | 2,4,6-Trichlorophenol | | 45.4 | | ug/Kg | <MDL | 13 | 28.634 | 26 |
| 0450 | 10/15/2001 | L22024-2 | 2,4,5-Trichlorophenol | | 45.4 | | ug/Kg | <MDL | 12 | 26.432 | 24 |
| 0450 | 10/15/2001 | L22024-2 | 2-Chlorophenol | | 45.4 | | ug/Kg | <MDL,G | 8 | 17.621 | 16 |
| 0450 | 10/15/2001 | L22024-2 | p+4.00 | 7.6 | 45.4 | 16.740 | % | | 0.1 | 0.220 | 0.1 |
| 0450 | 10/15/2001 | L22024-2 | p-2.00(less than) | | 45.4 | | % | <MDL | 0.1 | 0.220 | 0.1 |
| 0450 | 10/15/2001 | L22024-2 | p-2.00 | | 45.4 | | % | <MDL | 0.1 | 0.220 | 0.1 |
| 0450 | 10/15/2001 | L22024-2 | p-1.00 | 0.6 | 45.4 | 1.322 | % | | 0.1 | 0.220 | 0.1 |
| 0450 | 10/15/2001 | L22024-2 | p+9.00 | 0.6 | 45.4 | 1.322 | % | | 0.1 | 0.220 | 0.1 |
| 0450 | 10/15/2001 | L22024-2 | p+8.00 | 5.4 | 45.4 | 11.894 | % | | 0.1 | 0.220 | 0.1 |
| 0450 | 10/15/2001 | L22024-2 | p+7.00 | 10.1 | 45.4 | 22.247 | % | | 0.1 | 0.220 | 0.1 |
| 0450 | 10/15/2001 | L22024-2 | p+5.00 | 7.8 | 45.4 | 17.181 | % | | 0.1 | 0.220 | 0.1 |
| 0450 | 10/15/2001 | L22024-2 | p+3.00 | 15.3 | 45.4 | 33.700 | % | | 0.1 | 0.220 | 0.1 |
| 0450 | 10/15/2001 | L22024-2 | p+2.00 | 40.9 | 45.4 | 90.088 | % | | 0.1 | 0.220 | 0.1 |
| 0450 | 10/15/2001 | L22024-2 | p+10.0(more than) | 1.5 | 45.4 | 3.304 | % | | 0.1 | 0.220 | 0.1 |
| 0450 | 10/15/2001 | L22024-2 | p+10.0 | | 45.4 | | % | <MDL | 0.1 | 0.220 | 0.1 |
| 0450 | 10/15/2001 | L22024-2 | p+6.00 | 6.4 | 45.4 | 14.097 | % | | 0.1 | 0.220 | 0.1 |
| 0450 | 10/24/2001 | L22024-13 | Diesel Range (>C12 Thru C24) | | 71.4 | | mg/Kg | <MDL | 50 | 70.028 | 50 |
| 0450 | 10/24/2001 | L22024-13 | Phenanthrene | 6.5 | 71.4 | 9.104 | ug/Kg | <RDL | 4 | 5.602 | 8 |
| 0450 | 10/24/2001 | L22024-13 | N-Nitrosodiphenylamine | | 71.4 | | ug/Kg | <MDL | 20 | 28.011 | 40 |
| 0450 | 10/24/2001 | L22024-13 | Sampling Method | | 71.4 | | none | | | | |
| 0450 | 10/24/2001 | L22024-13 | Sample Function | | 71.4 | | none | | | | |
| 0450 | 10/24/2001 | L22024-13 | Sample Description | | 71.4 | | none | | | | |
| 0450 | 10/24/2001 | L22024-13 | Sample Depth | 2.6 | 71.4 | 3.641 | m | | | | |
| 0450 | 10/24/2001 | L22024-13 | Pyrene | 22.6 | 71.4 | 31.653 | ug/Kg | L | 4 | 5.602 | 8 |
| 0450 | 10/24/2001 | L22024-13 | Sediment Sampling Depth | | 71.4 | | cm | | | | |
| 0450 | 10/24/2001 | L22024-13 | Phenol | | 71.4 | | ug/Kg | <MDL | 9 | 12.605 | 18 |
| 0450 | 10/24/2001 | L22024-13 | Sediment Sampling Range | | 71.4 | | none | | | | |
| 0450 | 10/24/2001 | L22024-13 | Pentachlorophenol | | 71.4 | | ug/Kg | <MDL | 5 | 7.003 | 10 |
| 0450 | 10/24/2001 | L22024-13 | Parathion-Methyl | | 71.4 | | ug/Kg | <MDL | 53 | 74.230 | 100 |
| 0450 | 10/24/2001 | L22024-13 | Parathion-Ethyl | | 71.4 | | ug/Kg | <MDL | 53 | 74.230 | 100 |
| 0450 | 10/24/2001 | L22024-13 | Nitrobenzene | | 71.4 | | ug/Kg | <MDL,G | 16 | 22.409 | 32 |
| 0450 | 10/24/2001 | L22024-13 | Nickel, Total, ICP | 19 | 71.4 | 26.611 | mg/Kg | | 0.96 | 1.345 | 4.81 |
| 0450 | 10/24/2001 | L22024-13 | Nickel, Extractable, SEM | 4.5 | 71.4 | 6.303 | mg/Kg | <RDL | 0.99 | 1.387 | 4.96 |
| 0450 | 10/24/2001 | L22024-13 | p+10.0 | | 71.4 | | % | <MDL | 0.1 | 0.140 | 0.1 |
| 0450 | 10/24/2001 | L22024-13 | Phorate | | 71.4 | | ug/Kg | <MDL | 33 | 46.218 | 66.7 |
| 0450 | 10/24/2001 | L22024-13 | Total Phosphorus | 258 | 71.4 | 361.345 | mg/Kg | | 6.3 | 8.824 | 12.5 |
| 0450 | 10/24/2001 | L22024-13 | p+0.00 | 3.6 | 71.4 | 5.042 | % | | 0.1 | 0.140 | 0.1 |
| 0450 | 10/24/2001 | L22024-13 | Zinc, Total, ICP | 33.7 | 71.4 | 47.199 | mg/Kg | | 0.24 | 0.336 | 1.2 |
| 0450 | 10/24/2001 | L22024-13 | Zinc, Extractable, SEM | 27.4 | 71.4 | 38.375 | mg/Kg | E,B | 13.4 | 18.768 | 1.24 |
| 0450 | 10/24/2001 | L22024-13 | Tri-n-Butyltin (as tributyltin ion) | | 71.4 | | ug/Kg | <MDL,E | 0.21 | 0.294 | 0.415 |
| 0450 | 10/24/2001 | L22024-13 | Toxaphene | | 71.4 | | ug/Kg | <MDL | 10 | 14.006 | 20 |
| 0450 | 10/24/2001 | L22024-13 | Sand | 88 | 71.4 | 123.249 | % | | 0.1 | 0.140 | 0.1 |
| 0450 | 10/24/2001 | L22024-13 | Total Solids | 71.4 | 71.4 | 100.000 | % | | 0.005 | 0.007 | 0.01 |
| 0450 | 10/24/2001 | L22024-13 | N-Nitrosodimethylamine | | 71.4 | | ug/Kg | <MDL,X | 20 | 28.011 | 40 |
| 0450 | 10/24/2001 | L22024-13 | Total Organic Carbon | 4240 | 71.4 | 5938.375 | mg/Kg | | 700 | 980.392 | 1400 |
| 0450 | 10/24/2001 | L22024-13 | Thallium, Total, ICP | | 71.4 | | mg/Kg | <MDL | 9.6 | 13.445 | 48.1 |
| 0450 | 10/24/2001 | L22024-13 | Tetra-n-Butyltin (as tetrabutyltin) | | 71.4 | | ug/Kg | <MDL | 0.4 | 0.560 | 0.801 |
| 0450 | 10/24/2001 | L22024-13 | Silver, Total, ICP | | 71.4 | | mg/Kg | <MDL | 0.19 | 0.266 | 0.962 |
| 0450 | 10/24/2001 | L22024-13 | Silt | 9.3 | 71.4 | 13.025 | % | | 0.1 | 0.140 | 0.1 |
| 0450 | 10/24/2001 | L22024-13 | Selenium, Total, ICP | | 71.4 | | mg/Kg | <MDL | 2.4 | 3.361 | 12 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0450 | 10/24/2001 | L22024-13 | Sediment Type | | 71.4 | | none | | | | |
| 0450 | 10/24/2001 | L22024-13 | Total Sulfide | 21 | 71.4 | 29.412 | mg/Kg | | 2 | 2.801 | 2 |
| 0450 | 10/24/2001 | L22024-13 | Endrin | | 71.4 | | ug/Kg | <MDL | 1 | 1.401 | 2 |
| 0450 | 10/24/2001 | L22024-13 | Naphthalene | | 71.4 | | ug/Kg | <MDL,G | 14 | 19.608 | 28 |
| 0450 | 10/24/2001 | L22024-13 | Gravel | 2.9 | 71.4 | 4.062 | % | | 0.1 | 0.140 | 0.1 |
| 0450 | 10/24/2001 | L22024-13 | Gasoline Range (C7 Thru C12) | | 71.4 | | mg/Kg | <MDL | 20 | 28.011 | 20 |
| 0450 | 10/24/2001 | L22024-13 | Gamma-BHC (Lindane) | | 71.4 | | ug/Kg | <MDL | 0.5 | 0.700 | 1 |
| 0450 | 10/24/2001 | L22024-13 | Fluorene | | 71.4 | | ug/Kg | <MDL | 13 | 18.207 | 26 |
| 0450 | 10/24/2001 | L22024-13 | Fluoranthene | 17.9 | 71.4 | 25.070 | ug/Kg | L | 8 | 11.204 | 16 |
| 0450 | 10/24/2001 | L22024-13 | Heptachlor Epoxide | | 71.4 | | ug/Kg | <MDL | 0.5 | 0.700 | 1 |
| 0450 | 10/24/2001 | L22024-13 | Endrin Aldehyde | | 71.4 | | ug/Kg | <MDL,G | 2 | 2.801 | 4 |
| 0450 | 10/24/2001 | L22024-13 | Hexachlorobenzene | | 71.4 | | ug/Kg | <MDL | 0.66 | 0.924 | 1.33 |
| 0450 | 10/24/2001 | L22024-13 | Endosulfan Sulfate | | 71.4 | | ug/Kg | <MDL | 1 | 1.401 | 2 |
| 0450 | 10/24/2001 | L22024-13 | Endosulfan II | | 71.4 | | ug/Kg | <MDL | 1 | 1.401 | 2 |
| 0450 | 10/24/2001 | L22024-13 | Endosulfan I | | 71.4 | | ug/Kg | <MDL | 1 | 1.401 | 2 |
| 0450 | 10/24/2001 | L22024-13 | Disulfoton | | 71.4 | | ug/Kg | <MDL | 20 | 28.011 | 33.3 |
| 0450 | 10/24/2001 | L22024-13 | Dinoseb | | 71.4 | | ug/Kg | <MDL | 0.53 | 0.742 | 6.47 |
| 0450 | 10/24/2001 | L22024-13 | Dimethyl Phthalate | | 71.4 | | ug/Kg | <MDL | 11 | 15.406 | 22 |
| 0450 | 10/24/2001 | L22024-13 | Diethyl Phthalate | | 71.4 | | ug/Kg | <MDL | 6 | 8.403 | 12 |
| 0450 | 10/24/2001 | L22024-13 | Extractable Phosphorus | 9.29 | 71.4 | 13.011 | mg/Kg | | 0.2 | 0.280 | 0.5 |
| 0450 | 10/24/2001 | L22024-13 | MCPA | | 71.4 | | ug/Kg | <MDL | 0.98 | 1.373 | 6.47 |
| 0450 | 10/24/2001 | L22024-13 | N-Nitrosodi-N-Propylamine | | 71.4 | | ug/Kg | <MDL | 9 | 12.605 | 18 |
| 0450 | 10/24/2001 | L22024-13 | Mono-n-Butyltin (as monobutyltin io | 2.9 | 71.4 | 4.062 | ug/Kg | <RDL | 1.7 | 2.381 | 3.37 |
| 0450 | 10/24/2001 | L22024-13 | Methoxychlor | | 71.4 | | ug/Kg | <MDL | 5 | 7.003 | 10 |
| 0450 | 10/24/2001 | L22024-13 | Mercury, Total, CVAA | | 71.4 | | mg/Kg | <MDL | 0.019 | 0.027 | 0.192 |
| 0450 | 10/24/2001 | L22024-13 | Mercury, Extractable, SEM | | 71.4 | | mg/Kg | <MDL | 0.011 | 0.015 | 0.0327 |
| 0450 | 10/24/2001 | L22024-13 | Manganese, Total, ICP | 180 | 71.4 | 252.101 | mg/Kg | | 0.096 | 0.134 | 0.481 |
| 0450 | 10/24/2001 | L22024-13 | Heptachlor | | 71.4 | | ug/Kg | <MDL | 0.5 | 0.700 | 1 |
| 0450 | 10/24/2001 | L22024-13 | MCPP | | 71.4 | | ug/Kg | <MDL | 1.8 | 2.521 | 6.47 |
| 0450 | 10/24/2001 | L22024-13 | p+10.0(more than) | | 71.4 | | % | <MDL | 0.1 | 0.140 | 0.1 |
| 0450 | 10/24/2001 | L22024-13 | Lube Oil Range ( >C24) | | 71.4 | | mg/Kg | <MDL | 100 | 140.056 | 100 |
| 0450 | 10/24/2001 | L22024-13 | Lead, Total, ICP | 4.1 | 71.4 | 5.742 | mg/Kg | <RDL | 1.4 | 1.961 | 7.22 |
| 0450 | 10/24/2001 | L22024-13 | Lead, Extractable, SEM | 5.6 | 71.4 | 7.843 | mg/Kg | <RDL | 1.5 | 2.101 | 7.44 |
| 0450 | 10/24/2001 | L22024-13 | Isophorone | | 71.4 | | ug/Kg | <MDL | 19 | 26.611 | 38 |
| 0450 | 10/24/2001 | L22024-13 | Indeno(1,2,3-Cd)Pyrene | 11 | 71.4 | 15.406 | ug/Kg | <RDL,G | 9 | 12.605 | 18 |
| 0450 | 10/24/2001 | L22024-13 | Hexachloroethane | | 71.4 | | ug/Kg | <MDL,G | 15 | 21.008 | 30 |
| 0450 | 10/24/2001 | L22024-13 | Hexachlorobutadiene | | 71.4 | | ug/Kg | <MDL,G | 0.75 | 1.050 | 1.5 |
| 0450 | 10/24/2001 | L22024-13 | Malathion | | 71.4 | | ug/Kg | <MDL | 53 | 74.230 | 100 |
| 0450 | 10/24/2001 | L22024-13 | p+1.00 | 38.5 | 71.4 | 53.922 | % | | 0.1 | 0.140 | 0.1 |
| 0450 | 10/24/2001 | L22024-13 | p+9.00 | | 71.4 | | % | <MDL | 0.1 | 0.140 | 0.1 |
| 0450 | 10/24/2001 | L22024-13 | p-2.00(less than) | 1.9 | 71.4 | 2.661 | % | | 0.1 | 0.140 | 0.1 |
| 0450 | 10/24/2001 | L22024-13 | p-1.00 | 0.9 | 71.4 | 1.261 | % | | 0.1 | 0.140 | 0.1 |
| 0450 | 10/24/2001 | L22024-13 | p+8.00 | | 71.4 | | % | <MDL | 0.1 | 0.140 | 0.1 |
| 0450 | 10/24/2001 | L22024-13 | p+7.00 | 1.6 | 71.4 | 2.241 | % | | 0.1 | 0.140 | 0.1 |
| 0450 | 10/24/2001 | L22024-13 | p+6.00 | 0.6 | 71.4 | 0.840 | % | | 0.1 | 0.140 | 0.1 |
| 0450 | 10/24/2001 | L22024-13 | p+5.00 | 7.1 | 71.4 | 9.944 | % | | 0.1 | 0.140 | 0.1 |
| 0450 | 10/24/2001 | L22024-13 | p+4.00 | 2.2 | 71.4 | 3.081 | % | | 0.1 | 0.140 | 0.1 |
| 0450 | 10/24/2001 | L22024-13 | p+3.00 | 3.2 | 71.4 | 4.482 | % | | 0.1 | 0.140 | 0.1 |
| 0450 | 10/24/2001 | L22024-13 | p+2.00 | 40.5 | 71.4 | 56.723 | % | | 0.1 | 0.140 | 0.1 |
| 0450 | 10/24/2001 | L22024-13 | p-2.00 | 0.1 | 71.4 | 0.140 | % | RDL | 0.1 | 0.140 | 0.1 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0450 | 10/24/2001 | L22024-13 | Alpha-BHC | | 71.4 | | ug/Kg | <MDL | 0.5 | 0.700 | 1 |
| 0450 | 10/24/2001 | L22024-13 | 4,4'-DDE | | 71.4 | | ug/Kg | <MDL | 1 | 1.401 | 2 |
| 0450 | 10/24/2001 | L22024-13 | 4,4'-DDT | | 71.4 | | ug/Kg | <MDL | 1 | 1.401 | 2 |
| 0450 | 10/24/2001 | L22024-13 | 4-Bromophenyl Phenyl Ether | | 71.4 | | ug/Kg | <MDL | 9 | 12.605 | 18 |
| 0450 | 10/24/2001 | L22024-13 | 4-Chlorophenyl Phenyl Ether | | 71.4 | | ug/Kg | <MDL | 13 | 18.207 | 26 |
| 0450 | 10/24/2001 | L22024-13 | 4-Methylphenol | | 71.4 | | ug/Kg | <MDL | 16 | 22.409 | 32 |
| 0450 | 10/24/2001 | L22024-13 | Acenaphthene | | 71.4 | | ug/Kg | <MDL | 7 | 9.804 | 14 |
| 0450 | 10/24/2001 | L22024-13 | Acenaphthylene | | 71.4 | | ug/Kg | <MDL | 15 | 21.008 | 30 |
| 0450 | 10/24/2001 | L22024-13 | Aroclor 1248 | | 71.4 | | ug/Kg | <MDL | 1.3 | 1.821 | 2.5 |
| 0450 | 10/24/2001 | L22024-13 | Aldrin | | 71.4 | | ug/Kg | <MDL | 1 | 1.401 | 2 |
| 0450 | 10/24/2001 | L22024-13 | 2-Chlorophenol | | 71.4 | | ug/Kg | <MDL,G | 8 | 11.204 | 16 |
| 0450 | 10/24/2001 | L22024-13 | Ammonia Nitrogen | 5.04 | 71.4 | 7.059 | mg/Kg | | 0.1 | 0.140 | 0.2 |
| 0450 | 10/24/2001 | L22024-13 | Aniline | | 71.4 | | ug/Kg | <MDL,X | 19 | 26.611 | 38 |
| 0450 | 10/24/2001 | L22024-13 | Anthracene | | 71.4 | | ug/Kg | <MDL,G,E | 4 | 5.602 | 8 |
| 0450 | 10/24/2001 | L22024-13 | Antimony, Total, ICP | | 71.4 | | mg/Kg | <MDL,G | 1.4 | 1.961 | 7.22 |
| 0450 | 10/24/2001 | L22024-13 | Aroclor 1016 | | 71.4 | | ug/Kg | <MDL | 1.3 | 1.821 | 2.5 |
| 0450 | 10/24/2001 | L22024-13 | Aroclor 1221 | | 71.4 | | ug/Kg | <MDL | 2.5 | 3.501 | 5 |
| 0450 | 10/24/2001 | L22024-13 | Aroclor 1232 | | 71.4 | | ug/Kg | <MDL | 2.5 | 3.501 | 5 |
| 0450 | 10/24/2001 | L22024-13 | Aroclor 1242 | | 71.4 | | ug/Kg | <MDL | 1.3 | 1.821 | 2.5 |
| 0450 | 10/24/2001 | L22024-13 | Acid Volatile Sulfides | 21 | 71.4 | 29.412 | mg/Kg | G | 10 | 14.006 | 10 |
| 0450 | 10/24/2001 | L22024-13 | 2,4,6-Trichlorophenol | | 71.4 | | ug/Kg | <MDL | 13 | 18.207 | 26 |
| 0450 | 10/24/2001 | L22024-13 | Dieldrin | | 71.4 | | ug/Kg | <MDL | 1 | 1.401 | 2 |
| 0450 | 10/24/2001 | L22024-13 | 1,2,4-Trichlorobenzene | | 71.4 | | ug/Kg | <MDL,G | 0.26 | 0.364 | 0.53 |
| 0450 | 10/24/2001 | L22024-13 | 1,2-Dichlorobenzene | | 71.4 | | ug/Kg | <MDL,G | 0.26 | 0.364 | 0.53 |
| 0450 | 10/24/2001 | L22024-13 | 1,2-Diphenylhydrazine | | 71.4 | | ug/Kg | <MDL | 10 | 14.006 | 20 |
| 0450 | 10/24/2001 | L22024-13 | 1,3-Dichlorobenzene | | 71.4 | | ug/Kg | <MDL,G | 0.26 | 0.364 | 0.53 |
| 0450 | 10/24/2001 | L22024-13 | 1,4-Dichlorobenzene | | 71.4 | | ug/Kg | <MDL,G | 0.13 | 0.182 | 0.264 |
| 0450 | 10/24/2001 | L22024-13 | 2,4,5-T | | 71.4 | | ug/Kg | <MDL | 1.4 | 1.961 | 6.47 |
| 0450 | 10/24/2001 | L22024-13 | 4,4'-DDD | | 71.4 | | ug/Kg | <MDL | 1 | 1.401 | 2 |
| 0450 | 10/24/2001 | L22024-13 | 2,4,5-Trichlorophenol | | 71.4 | | ug/Kg | <MDL | 12 | 16.807 | 24 |
| 0450 | 10/24/2001 | L22024-13 | 2-Methylphenol | | 71.4 | | ug/Kg | <MDL | 19 | 26.611 | 38 |
| 0450 | 10/24/2001 | L22024-13 | 2,4-D | | 71.4 | | ug/Kg | <MDL | 0.53 | 0.742 | 6.47 |
| 0450 | 10/24/2001 | L22024-13 | 2,4-DB | | 71.4 | | ug/Kg | <MDL | 0.91 | 1.275 | 6.47 |
| 0450 | 10/24/2001 | L22024-13 | 2,4-Dichlorophenol | | 71.4 | | ug/Kg | <MDL | 16 | 22.409 | 32 |
| 0450 | 10/24/2001 | L22024-13 | 2,4-Dimethylphenol | | 71.4 | | ug/Kg | <MDL | 7 | 9.804 | 14 |
| 0450 | 10/24/2001 | L22024-13 | 2,4-Dinitrotoluene | | 71.4 | | ug/Kg | <MDL | 3 | 4.202 | 6 |
| 0450 | 10/24/2001 | L22024-13 | 2,6-Dinitrotoluene | | 71.4 | | ug/Kg | <MDL | 10 | 14.006 | 20 |
| 0450 | 10/24/2001 | L22024-13 | 2-Chloronaphthalene | | 71.4 | | ug/Kg | <MDL | 16 | 22.409 | 32 |
| 0450 | 10/24/2001 | L22024-13 | 2-Nitrophenol | | 71.4 | | ug/Kg | <MDL | 15 | 21.008 | 30 |
| 0450 | 10/24/2001 | L22024-13 | 2,4,5-TP (Silvex) | | 71.4 | | ug/Kg | <MDL | 2.1 | 2.941 | 6.47 |
| 0450 | 10/24/2001 | L22024-13 | Di-N-Butyl Phthalate | | 71.4 | | ug/Kg | B | 53 | 74.230 | 10 |
| 0450 | 10/24/2001 | L22024-13 | Chlordane | | 71.4 | | ug/Kg | <MDL | 0.5 | 0.700 | 1 |
| 0450 | 10/24/2001 | L22024-13 | Chlorpyrifos | | 71.4 | | ug/Kg | <MDL | 33 | 46.218 | 66.7 |
| 0450 | 10/24/2001 | L22024-13 | Chromium, Extractable, SEM | 3.21 | 71.4 | 4.496 | mg/Kg | | 0.25 | 0.350 | 1.24 |
| 0450 | 10/24/2001 | L22024-13 | Chromium, Total, ICP | 20.5 | 71.4 | 28.711 | mg/Kg | | 0.24 | 0.336 | 1.2 |
| 0450 | 10/24/2001 | L22024-13 | Chrysene | 15.7 | 71.4 | 21.989 | ug/Kg | | 4 | 5.602 | 8 |
| 0450 | 10/24/2001 | L22024-13 | Clay | | 71.4 | | % | <MDL | 0.1 | 0.140 | 0.1 |
| 0450 | 10/24/2001 | L22024-13 | Copper, Extractable, SEM | 4.79 | 71.4 | 6.709 | mg/Kg | | 0.2 | 0.280 | 0.991 |
| 0450 | 10/24/2001 | L22024-13 | Dichloroprop | | 71.4 | | ug/Kg | <MDL | 0.69 | 0.966 | 6.47 |
| 0450 | 10/24/2001 | L22024-13 | Carbazole | | 71.4 | | ug/Kg | <MDL | 7 | 9.804 | 14 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0450 | 10/24/2001 | L22024-13 | Delta-BHC | | 71.4 | | ug/Kg | <MDL | 0.5 | 0.700 | 1 |
| 0450 | 10/24/2001 | L22024-13 | Copper, Total, ICP | 5.46 | 71.4 | 7.647 | mg/Kg | | 0.19 | 0.266 | 0.962 |
| 0450 | 10/24/2001 | L22024-13 | Di-N-Octyl Phthalate | | 71.4 | | ug/Kg | <MDL | 8 | 11.204 | 16 |
| 0450 | 10/24/2001 | L22024-13 | Di-n-Butyltin (as dibutyltin ion) | 0.6 | 71.4 | 0.840 | ug/Kg | <RDL,E | 0.35 | 0.490 | 0.7 |
| 0450 | 10/24/2001 | L22024-13 | Diazinon | | 71.4 | | ug/Kg | <MDL | 20 | 28.011 | 33.3 |
| 0450 | 10/24/2001 | L22024-13 | Dibenzo(a,h)anthracene | | 71.4 | | ug/Kg | <RDL,B,L | 110 | 154.062 | 14 |
| 0450 | 10/24/2001 | L22024-13 | Dibenzofuran | | 71.4 | | ug/Kg | <MDL | 14 | 19.608 | 28 |
| 0450 | 10/24/2001 | L22024-13 | Dicamba | | 71.4 | | ug/Kg | <MDL | 1.6 | 2.241 | 6.47 |
| 0450 | 10/24/2001 | L22024-13 | Aroclor 1254 | | 71.4 | | ug/Kg | <MDL | 1.3 | 1.821 | 2.5 |
| 0450 | 10/24/2001 | L22024-13 | 2-Methylnaphthalene | | 71.4 | | ug/Kg | <MDL | 14 | 19.608 | 28 |
| 0450 | 10/24/2001 | L22024-13 | Coprostanol | | 71.4 | | ug/Kg | <MDL | 14 | 19.608 | 28 |
| 0450 | 10/24/2001 | L22024-13 | Benzo(a)anthracene | 9.44 | 71.4 | 13.221 | ug/Kg | | 2 | 2.801 | 4 |
| 0450 | 10/24/2001 | L22024-13 | Aroclor 1260 | | 71.4 | | ug/Kg | <MDL | 1.3 | 1.821 | 2.5 |
| 0450 | 10/24/2001 | L22024-13 | Dalapon | | 71.4 | | ug/Kg | <MDL | 2 | 2.801 | 6.47 |
| 0450 | 10/24/2001 | L22024-13 | Arsenic, Total, ICP | | 71.4 | | mg/Kg | <MDL | 2.4 | 3.361 | 12 |
| 0450 | 10/24/2001 | L22024-13 | Benzo(a)pyrene | | 71.4 | | ug/Kg | B | 86.4 | 121.008 | 6 |
| 0450 | 10/24/2001 | L22024-13 | Benzo(b)fluoranthene | 18.8 | 71.4 | 26.331 | ug/Kg | | 3 | 4.202 | 6 |
| 0450 | 10/24/2001 | L22024-13 | Benzo(g,h,i)perylene | | 71.4 | | ug/Kg | <MDL | 8 | 11.204 | 16 |
| 0450 | 10/24/2001 | L22024-13 | Benzo(k)fluoranthene | | 71.4 | | ug/Kg | B | 33 | 46.218 | 6 |
| 0450 | 10/24/2001 | L22024-13 | Benzoic Acid | 100 | 71.4 | 140.056 | ug/Kg | G | 6 | 8.403 | 12 |
| 0450 | 10/24/2001 | L22024-13 | Benzyl Alcohol | | 71.4 | | ug/Kg | <MDL,G | 6 | 8.403 | 12 |
| 0450 | 10/24/2001 | L22024-13 | Benzyl Butyl Phthalate | 9.8 | 71.4 | 13.725 | ug/Kg | <RDL | 6 | 8.403 | 12 |
| 0450 | 10/24/2001 | L22024-13 | Cadmium, Total, ICP | | 71.4 | | mg/Kg | <MDL | 0.14 | 0.196 | 0.722 |
| 0450 | 10/24/2001 | L22024-13 | Caffeine | | 71.4 | | ug/Kg | <MDL | 6 | 8.403 | 12 |
| 0450 | 10/24/2001 | L22024-13 | Cadmium, Extractable, SEM | 0.19 | 71.4 | 0.266 | mg/Kg | <RDL | 0.15 | 0.210 | 0.744 |
| 0450 | 10/24/2001 | L22024-13 | Bis(2-Ethylhexyl)Phthalate | | 71.4 | | ug/Kg | B,L | 160 | 224.090 | 14 |
| 0450 | 10/24/2001 | L22024-13 | Bis(2-Chloroisopropyl)Ether | | 71.4 | | ug/Kg | <MDL | 15 | 21.008 | 30 |
| 0450 | 10/24/2001 | L22024-13 | Bis(2-Chloroethyl)Ether | | 71.4 | | ug/Kg | <MDL,G | 15 | 21.008 | 30 |
| 0450 | 10/24/2001 | L22024-13 | Bis(2-Chloroethoxy)Methane | | 71.4 | | ug/Kg | <MDL | 17 | 23.810 | 34 |
| 0450 | 10/24/2001 | L22024-13 | Beta-BHC | | 71.4 | | ug/Kg | <MDL | 0.5 | 0.700 | 1 |
| 0450 | 10/24/2001 | L22024-13 | Beryllium, Total, ICP | 0.11 | 71.4 | 0.154 | mg/Kg | <RDL | 0.048 | 0.067 | 0.241 |
| 0450 | 9/2/2003 | L29367-2 | Mercury, Total, CVAA | | 70.7 | | mg/Kg | <MDL | 0.021 | 0.030 | 0.206 |
| 0450 | 9/2/2003 | L29367-2 | Thallium, Total, ICP | | 70.7 | | mg/Kg | <MDL | 9.9 | 14.003 | 49.3 |
| 0450 | 9/2/2003 | L29367-2 | p+0.00 | 1.7 | 70.7 | 2.405 | % | | 0.1 | 0.141 | 0.1 |
| 0450 | 9/2/2003 | L29367-2 | Sand | 94 | 70.7 | 132.956 | % | | 0.1 | 0.141 | 0.1 |
| 0450 | 9/2/2003 | L29367-2 | Sediment Sampling Depth | 5 | 70.7 | 7.072 | cm | | | | |
| 0450 | 9/2/2003 | L29367-2 | Sediment Sampling Range | | 70.7 | | cm | | | | |
| 0450 | 9/2/2003 | L29367-2 | Sediment Type | | 70.7 | | none | | | | |
| 0450 | 9/2/2003 | L29367-2 | Selenium, Total, ICP | | 70.7 | | mg/Kg | <MDL | 2.5 | 3.536 | 12.3 |
| 0450 | 9/2/2003 | L29367-2 | Sample Function | | 70.7 | | none | | | | |
| 0450 | 9/2/2003 | L29367-2 | Silver, Total, ICP | 0.75 | 70.7 | 1.061 | mg/Kg | <RDL | 0.2 | 0.283 | 0.987 |
| 0450 | 9/2/2003 | L29367-2 | Sample Description | | 70.7 | | none | | | | |
| 0450 | 9/2/2003 | L29367-2 | Total Organic Carbon | 2410 | 70.7 | 3408.769 | mg/Kg | | 500 | 707.214 | 1000 |
| 0450 | 9/2/2003 | L29367-2 | Total Phosphorus | 325 | 70.7 | 459.689 | mg/Kg | B | 64 | 90.523 | 12.5 |
| 0450 | 9/2/2003 | L29367-2 | Total Solids | 70.7 | 70.7 | 100.000 | % | | 0.005 | 0.007 | 0.01 |
| 0450 | 9/2/2003 | L29367-2 | Total Sulfide | 13 | 70.7 | 18.388 | mg/Kg | | 1 | 1.414 | 1 |
| 0450 | 9/2/2003 | L29367-2 | Toxaphene | | 70.7 | | ug/Kg | <MDL | 10 | 14.144 | 20 |
| 0450 | 9/2/2003 | L29367-2 | Zinc, Extractable, SEM | 11 | 70.7 | 15.559 | mg/Kg | B | 3.5 | 4.950 | 0.565 |
| 0450 | 9/2/2003 | L29367-2 | Silt | 3.6 | 70.7 | 5.092 | % | | 0.1 | 0.141 | 0.1 |
| 0450 | 9/2/2003 | L29367-2 | Parathion-Ethyl | | 70.7 | | ug/Kg | <MDL | 85 | 120.226 | 160 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0450 | 9/2/2003 | L29367-2 | N-Nitrosodi-N-Propylamine | | 70.7 | | ug/Kg | <MDL | 9 | 12.730 | 18 |
| 0450 | 9/2/2003 | L29367-2 | N-Nitrosodimethylamine | | 70.7 | | ug/Kg | <MDL,G | 20 | 28.289 | 40 |
| 0450 | 9/2/2003 | L29367-2 | N-Nitrosodiphenylamine | | 70.7 | | ug/Kg | <MDL | 20 | 28.289 | 40 |
| 0450 | 9/2/2003 | L29367-2 | Naphthalene | | 70.7 | | ug/Kg | <MDL,G | 14 | 19.802 | 28 |
| 0450 | 9/2/2003 | L29367-2 | Nickel, Extractable, SEM | 1.8 | 70.7 | 2.546 | mg/Kg | <RDL | 0.45 | 0.636 | 2.26 |
| 0450 | 9/2/2003 | L29367-2 | Sampling Method | | 70.7 | | none | | | | |
| 0450 | 9/2/2003 | L29367-2 | Nitrobenzene | | 70.7 | | ug/Kg | <MDL | 16 | 22.631 | 32 |
| 0450 | 9/2/2003 | L29367-2 | p+1.00 | 21 | 70.7 | 29.703 | % | | 0.1 | 0.141 | 0.1 |
| 0450 | 9/2/2003 | L29367-2 | Parathion-Methyl | | 70.7 | | ug/Kg | <MDL | 85 | 120.226 | 160 |
| 0450 | 9/2/2003 | L29367-2 | Pentachlorophenol | | 70.7 | | ug/Kg | <MDL,G | 13 | 18.388 | 26.7 |
| 0450 | 9/2/2003 | L29367-2 | Phenanthrene | | 70.7 | | ug/Kg | <MDL | 4 | 5.658 | 8 |
| 0450 | 9/2/2003 | L29367-2 | Phenol | | 70.7 | | ug/Kg | <MDL | 9 | 12.730 | 18 |
| 0450 | 9/2/2003 | L29367-2 | Phorate | | 70.7 | | ug/Kg | <MDL | 53 | 74.965 | 107 |
| 0450 | 9/2/2003 | L29367-2 | Pyrene | 9.71 | 70.7 | 13.734 | ug/Kg | | 4 | 5.658 | 8 |
| 0450 | 9/2/2003 | L29367-2 | Pyridine | | 70.7 | | ug/Kg | <MDL,X | 130 | 183.876 | 267 |
| 0450 | 9/2/2003 | L29367-2 | Nickel, Total, ICP | 16.3 | 70.7 | 23.055 | mg/Kg | | 0.99 | 1.400 | 4.93 |
| 0450 | 9/2/2003 | L29367-2 | Zinc, Total, ICP | 30.1 | 70.7 | 42.574 | mg/Kg | | 0.25 | 0.354 | 1.23 |
| 0450 | 9/2/2003 | L29367-2 | p+8.00 | 1.4 | 70.7 | 1.980 | % | | 0.1 | 0.141 | 0.1 |
| 0450 | 9/2/2003 | L29367-2 | p+10.0 | 0.3 | 70.7 | 0.424 | % | | 0.1 | 0.141 | 0.1 |
| 0450 | 9/2/2003 | L29367-2 | p+10.0(more than) | | 70.7 | | % | <MDL | 0.1 | 0.141 | 0.1 |
| 0450 | 9/2/2003 | L29367-2 | p+2.00 | 62 | 70.7 | 87.694 | % | | 0.1 | 0.141 | 0.1 |
| 0450 | 9/2/2003 | L29367-2 | p+3.00 | 8.3 | 70.7 | 11.740 | % | | 0.1 | 0.141 | 0.1 |
| 0450 | 9/2/2003 | L29367-2 | p+4.00 | 1 | 70.7 | 1.414 | % | | 0.1 | 0.141 | 0.1 |
| 0450 | 9/2/2003 | L29367-2 | p+5.00 | | 70.7 | | % | <MDL | 0.1 | 0.141 | 0.1 |
| 0450 | 9/2/2003 | L29367-2 | p+7.00 | 1.3 | 70.7 | 1.839 | % | | 0.1 | 0.141 | 0.1 |
| 0450 | 9/2/2003 | L29367-2 | p+9.00 | 0.7 | 70.7 | 0.990 | % | | 0.1 | 0.141 | 0.1 |
| 0450 | 9/2/2003 | L29367-2 | p-1.00 | 1 | 70.7 | 1.414 | % | | 0.1 | 0.141 | 0.1 |
| 0450 | 9/2/2003 | L29367-2 | p-2.00 | 0.1 | 70.7 | 0.141 | % | RDL | 0.1 | 0.141 | 0.1 |
| 0450 | 9/2/2003 | L29367-2 | p-2.00(less than) | 0.3 | 70.7 | 0.424 | % | | 0.1 | 0.141 | 0.1 |
| 0450 | 9/2/2003 | L29367-2 | p+6.00 | 0.9 | 70.7 | 1.273 | % | | 0.1 | 0.141 | 0.1 |
| 0450 | 9/2/2003 | L29367-2 | Mercury, Extractable, SEM | | 70.7 | | mg/Kg | <MDL | 0.0045 | 0.006 | 0.0136 |
| 0450 | 9/2/2003 | L29367-13 | Endosulfan I | | 47.9 | | ug/Kg | <MDL | 1 | 2.088 | 2 |
| 0450 | 9/2/2003 | L29367-13 | Dicamba | | 47.9 | | ug/Kg | <MDL | 1.3 | 2.714 | 5.7 |
| 0450 | 9/2/2003 | L29367-13 | Dichloroprop | | 47.9 | | ug/Kg | <MDL | 2.1 | 4.384 | 5.7 |
| 0450 | 9/2/2003 | L29367-13 | Dieldrin | | 47.9 | | ug/Kg | <MDL | 1 | 2.088 | 2 |
| 0450 | 9/2/2003 | L29367-13 | Diesel Range (>C12 Thru C24) | | 47.9 | | mg/Kg | <MDL | 50 | 104.384 | 50 |
| 0450 | 9/2/2003 | L29367-13 | Diethyl Phthalate | | 47.9 | | ug/Kg | <MDL | 13 | 27.140 | 26.7 |
| 0450 | 9/2/2003 | L29367-13 | Dimethyl Phthalate | | 47.9 | | ug/Kg | <MDL | 13 | 27.140 | 26.7 |
| 0450 | 9/2/2003 | L29367-2 | Methoxychlor | | 70.7 | | ug/Kg | <MDL | 5 | 7.072 | 10 |
| 0450 | 9/2/2003 | L29367-13 | Disulfoton | | 47.9 | | ug/Kg | <MDL | 32 | 66.806 | 53.3 |
| 0450 | 9/2/2003 | L29367-13 | Diazinon | | 47.9 | | ug/Kg | <MDL | 32 | 66.806 | 53.3 |
| 0450 | 9/2/2003 | L29367-13 | Endosulfan II | | 47.9 | | ug/Kg | <MDL | 1 | 2.088 | 2 |
| 0450 | 9/2/2003 | L29367-13 | Endosulfan Sulfate | | 47.9 | | ug/Kg | <MDL | 1 | 2.088 | 2 |
| 0450 | 9/2/2003 | L29367-13 | Endrin | | 47.9 | | ug/Kg | <MDL | 1 | 2.088 | 2 |
| 0450 | 9/2/2003 | L29367-13 | Endrin Aldehyde | | 47.9 | | ug/Kg | <MDL | 2 | 4.175 | 4 |
| 0450 | 9/2/2003 | L29367-13 | Extractable Phosphorus | 18.4 | 47.9 | 38.413 | mg/Kg | | 0.2 | 0.418 | 0.5 |
| 0450 | 9/2/2003 | L29367-13 | Fluoranthene | 30 | 47.9 | 62.630 | ug/Kg | | 8 | 16.701 | 16 |
| 0450 | 9/2/2003 | L29367-13 | Dinoseb | | 47.9 | | ug/Kg | <MDL | 1.8 | 3.758 | 8.55 |
| 0450 | 9/2/2003 | L29367-13 | Copper, Extractable, SEM | 1.59 | 47.9 | 3.319 | mg/Kg | | 0.098 | 0.205 | 0.489 |
| 0450 | 9/2/2003 | L29367-13 | Cadmium, Total, ICP | | 47.9 | | mg/Kg | <MDL | 0.14 | 0.292 | 0.716 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0450 | 9/2/2003 | L29367-13 | Caffeine | | 47.9 | | ug/Kg | <MDL | 6 | 12.526 | 12 |
| 0450 | 9/2/2003 | L29367-13 | Carbazole | | 47.9 | | ug/Kg | <MDL | 7 | 14.614 | 14 |
| 0450 | 9/2/2003 | L29367-13 | Chlorpyrifos | | 47.9 | | ug/Kg | <MDL | 53 | 110.647 | 107 |
| 0450 | 9/2/2003 | L29367-13 | Chromium, Extractable, SEM | 0.57 | 47.9 | 1.190 | mg/Kg | <RDL,E | 0.12 | 0.251 | 0.612 |
| 0450 | 9/2/2003 | L29367-13 | Chromium, Total, ICP | 19 | 47.9 | 39.666 | mg/Kg | | 0.24 | 0.501 | 1.19 |
| 0450 | 9/2/2003 | L29367-13 | Dibenzofuran | | 47.9 | | ug/Kg | <MDL | 14 | 29.228 | 28 |
| 0450 | 9/2/2003 | L29367-13 | Clay | 2.4 | 47.9 | 5.010 | % | | 0.1 | 0.209 | 0.1 |
| 0450 | 9/2/2003 | L29367-13 | Dibenzo(a,h)anthracene | | 47.9 | | ug/Kg | <MDL,L | 7 | 14.614 | 14 |
| 0450 | 9/2/2003 | L29367-13 | Copper, Total, ICP | 7.97 | 47.9 | 16.639 | mg/Kg | | 0.19 | 0.397 | 0.954 |
| 0450 | 9/2/2003 | L29367-13 | Coprostanol | | 47.9 | | ug/Kg | <MDL | 130 | 271.399 | 267 |
| 0450 | 9/2/2003 | L29367-13 | Dalapon | | 47.9 | | ug/Kg | <MDL | 1.3 | 2.714 | 5.7 |
| 0450 | 9/2/2003 | L29367-13 | Delta-BHC | | 47.9 | | ug/Kg | <MDL | 0.5 | 1.044 | 1 |
| 0450 | 9/2/2003 | L29367-13 | Di-N-Butyl Phthalate | | 47.9 | | ug/Kg | B | 788 | 1645.094 | 26.7 |
| 0450 | 9/2/2003 | L29367-13 | Di-N-Octyl Phthalate | | 47.9 | | ug/Kg | <MDL | 13 | 27.140 | 26.7 |
| 0450 | 9/2/2003 | L29367-13 | Gamma-Chlordane | | 47.9 | | ug/Kg | <MDL | 0.5 | 1.044 | 1 |
| 0450 | 9/2/2003 | L29367-13 | Chrysene | 14.7 | 47.9 | 30.689 | ug/Kg | | 4 | 8.351 | 8 |
| 0450 | 9/2/2003 | L29367-13 | Nickel, Total, ICP | 17.4 | 47.9 | 36.326 | mg/Kg | | 0.95 | 1.983 | 4.77 |
| 0450 | 9/2/2003 | L29367-13 | Fluorene | | 47.9 | | ug/Kg | <MDL | 13 | 27.140 | 26 |
| 0450 | 9/2/2003 | L29367-13 | Mercury, Total, CVAA | 0.03 | 47.9 | 0.063 | mg/Kg | <RDL | 0.02 | 0.042 | 0.202 |
| 0450 | 9/2/2003 | L29367-13 | Methoxychlor | | 47.9 | | ug/Kg | <MDL | 5 | 10.438 | 10 |
| 0450 | 9/2/2003 | L29367-13 | N-Nitrosodi-N-Propylamine | | 47.9 | | ug/Kg | <MDL | 9 | 18.789 | 18 |
| 0450 | 9/2/2003 | L29367-13 | N-Nitrosodimethylamine | | 47.9 | | ug/Kg | <MDL,G | 20 | 41.754 | 40 |
| 0450 | 9/2/2003 | L29367-13 | N-Nitrosodiphenylamine | | 47.9 | | ug/Kg | <MDL | 20 | 41.754 | 40 |
| 0450 | 9/2/2003 | L29367-13 | Manganese, Total, ICP | 201 | 47.9 | 419.624 | mg/Kg | L | 0.095 | 0.198 | 0.477 |
| 0450 | 9/2/2003 | L29367-13 | Nickel, Extractable, SEM | 1.3 | 47.9 | 2.714 | mg/Kg | <RDL | 0.49 | 1.023 | 2.45 |
| 0450 | 9/2/2003 | L29367-13 | Malathion | | 47.9 | | ug/Kg | <MDL | 85 | 177.453 | 160 |
| 0450 | 9/2/2003 | L29367-13 | Nitrobenzene | | 47.9 | | ug/Kg | <MDL | 16 | 33.403 | 32 |
| 0450 | 9/2/2003 | L29367-13 | Parathion-Ethyl | | 47.9 | | ug/Kg | <MDL | 85 | 177.453 | 160 |
| 0450 | 9/2/2003 | L29367-13 | Parathion-Methyl | | 47.9 | | ug/Kg | <MDL | 85 | 177.453 | 160 |
| 0450 | 9/2/2003 | L29367-13 | Pentachlorophenol | | 47.9 | | ug/Kg | <MDL,G | 13 | 27.140 | 26.7 |
| 0450 | 9/2/2003 | L29367-13 | Phenanthrene | 11.7 | 47.9 | 24.426 | ug/Kg | | 4 | 8.351 | 8 |
| 0450 | 9/2/2003 | L29367-13 | Phenol | | 47.9 | | ug/Kg | <MDL | 9 | 18.789 | 18 |
| 0450 | 9/2/2003 | L29367-13 | Phorate | | 47.9 | | ug/Kg | <MDL | 53 | 110.647 | 107 |
| 0450 | 9/2/2003 | L29367-13 | Naphthalene | | 47.9 | | ug/Kg | <MDL,G | 14 | 29.228 | 28 |
| 0450 | 9/2/2003 | L29367-13 | Indeno(1,2,3-Cd)Pyrene | 9.9 | 47.9 | 20.668 | ug/Kg | <RDL | 9 | 18.789 | 18 |
| 0450 | 9/2/2003 | L29367-13 | Bis(2-Chloroisopropyl)Ether | | 47.9 | | ug/Kg | <MDL | 15 | 31.315 | 30 |
| 0450 | 9/2/2003 | L29367-13 | Gasoline Range (C7 Thru C12) | | 47.9 | | mg/Kg | <MDL | 20 | 41.754 | 20 |
| 0450 | 9/2/2003 | L29367-13 | Gravel | 0.8 | 47.9 | 1.670 | % | E | 0.1 | 0.209 | 0.1 |
| 0450 | 9/2/2003 | L29367-13 | Heptachlor | | 47.9 | | ug/Kg | <MDL | 0.5 | 1.044 | 1 |
| 0450 | 9/2/2003 | L29367-13 | Heptachlor Epoxide | | 47.9 | | ug/Kg | <MDL | 0.5 | 1.044 | 1 |
| 0450 | 9/2/2003 | L29367-13 | Hexachlorobenzene | | 47.9 | | ug/Kg | <MDL | 0.66 | 1.378 | 1.33 |
| 0450 | 9/2/2003 | L29367-13 | Mercury, Extractable, SEM | | 47.9 | | mg/Kg | <MDL | 0.0049 | 0.010 | 0.0147 |
| 0450 | 9/2/2003 | L29367-13 | Hexachloroethane | | 47.9 | | ug/Kg | <MDL,G | 15 | 31.315 | 30 |
| 0450 | 9/2/2003 | L29367-13 | Gamma-BHC (Lindane) | | 47.9 | | ug/Kg | <MDL | 0.5 | 1.044 | 1 |
| 0450 | 9/2/2003 | L29367-13 | Isophorone | | 47.9 | | ug/Kg | <MDL,G | 19 | 39.666 | 38 |
| 0450 | 9/2/2003 | L29367-13 | Lead, Extractable, SEM | 2.5 | 47.9 | 5.219 | mg/Kg | <RDL | 0.73 | 1.524 | 3.67 |
| 0450 | 9/2/2003 | L29367-13 | Lead, Total, ICP | 4.6 | 47.9 | 9.603 | mg/Kg | <RDL | 1.4 | 2.923 | 7.16 |
| 0450 | 9/2/2003 | L29367-13 | Lube Oil Range ( >C24) | | 47.9 | | mg/Kg | P | 100 | 208.768 | 100 |
| 0450 | 9/2/2003 | L29367-13 | Lube Oil Range (>C24) | 76.4 | 47.9 | 159.499 | mg/Kg | | 25 | 52.192 | 25 |
| 0450 | 9/2/2003 | L29367-13 | MCPA | | 47.9 | | ug/Kg | <MDL | 2.5 | 5.219 | 5.7 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0450 | 9/2/2003 | L29367-13 | MCPP | | 47.9 | | ug/Kg | <MDL | 1.1 | 2.296 | 5.7 |
| 0450 | 9/2/2003 | L29367-13 | Hexachlorobutadiene | | 47.9 | | ug/Kg | <MDL,G | 0.75 | 1.566 | 1.5 |
| 0450 | 9/2/2003 | L29367-13 | 2,4-Dinitrotoluene | | 47.9 | | ug/Kg | <MDL | 27 | 56.367 | 53.3 |
| 0450 | 9/2/2003 | L29367-13 | 4,4'-DDE | | 47.9 | | ug/Kg | <MDL | 1 | 2.088 | 2 |
| 0450 | 9/2/2003 | L29367-13 | 2,4,5-TP (Silvex) | | 47.9 | | ug/Kg | <MDL | 2.1 | 4.384 | 8.55 |
| 0450 | 9/2/2003 | L29367-13 | 2,4,5-Trichlorophenol | | 47.9 | | ug/Kg | <MDL | 12 | 25.052 | 24 |
| 0450 | 9/2/2003 | L29367-13 | 2,4,6-Trichlorophenol | | 47.9 | | ug/Kg | <MDL | 13 | 27.140 | 26 |
| 0450 | 9/2/2003 | L29367-13 | 2,4-D | | 47.9 | | ug/Kg | <MDL | 2.2 | 4.593 | 5.7 |
| 0450 | 9/2/2003 | L29367-13 | 2,4-DB | | 47.9 | | ug/Kg | <MDL | 1.6 | 3.340 | 5.7 |
| 0450 | 9/2/2003 | L29367-13 | 1,4-Dichlorobenzene | | 47.9 | | ug/Kg | <MDL,G | 1.3 | 2.714 | 2.67 |
| 0450 | 9/2/2003 | L29367-13 | 2,4-Dimethylphenol | | 47.9 | | ug/Kg | <MDL | 7 | 14.614 | 14 |
| 0450 | 9/2/2003 | L29367-13 | 1,3-Dichlorobenzene | | 47.9 | | ug/Kg | <MDL,G | 1.3 | 2.714 | 2.67 |
| 0450 | 9/2/2003 | L29367-13 | 2,6-Dinitrotoluene | | 47.9 | | ug/Kg | <MDL | 27 | 56.367 | 53.3 |
| 0450 | 9/2/2003 | L29367-13 | 2-Chloronaphthalene | | 47.9 | | ug/Kg | <MDL | 16 | 33.403 | 32 |
| 0450 | 9/2/2003 | L29367-13 | 2-Chlorophenol | | 47.9 | | ug/Kg | <MDL,G | 8 | 16.701 | 16 |
| 0450 | 9/2/2003 | L29367-13 | 2-Methylnaphthalene | | 47.9 | | ug/Kg | <MDL | 14 | 29.228 | 28 |
| 0450 | 9/2/2003 | L29367-13 | 2-Methylphenol | | 47.9 | | ug/Kg | <MDL | 19 | 39.666 | 38 |
| 0450 | 9/2/2003 | L29367-13 | 2-Nitrophenol | | 47.9 | | ug/Kg | <MDL | 15 | 31.315 | 30 |
| 0450 | 9/2/2003 | L29367-13 | Cadmium, Extractable, SEM | | 47.9 | | mg/Kg | <MDL | 0.073 | 0.152 | 0.367 |
| 0450 | 9/2/2003 | L29367-13 | 2,4-Dichlorophenol | | 47.9 | | ug/Kg | <MDL | 16 | 33.403 | 32 |
| 0450 | 9/2/2003 | L29367-13 | 2,4,5-T | | 47.9 | | ug/Kg | <MDL | 2.6 | 5.428 | 8.55 |
| 0450 | 9/2/2003 | L29367-13 | 4,4'-DDT | | 47.9 | | ug/Kg | <MDL,L | 1 | 2.088 | 2 |
| 0450 | 9/2/2003 | L29367-13 | 1,2,4-Trichlorobenzene | | 47.9 | | ug/Kg | <MDL,G | 0.26 | 0.543 | 0.53 |
| 0450 | 9/2/2003 | L29367-13 | 1,2-Dichlorobenzene | | 47.9 | | ug/Kg | <MDL,G | 1.3 | 2.714 | 2.67 |
| 0450 | 9/2/2003 | L29367-13 | 1,2-Diphenylhydrazine | | 47.9 | | ug/Kg | <MDL | 10 | 20.877 | 20 |
| 0450 | 9/2/2003 | L29367-13 | Benzoic Acid | | 47.9 | | ug/Kg | <MDL | 27 | 56.367 | 53.3 |
| 0450 | 9/2/2003 | L29367-13 | 4,4'-DDD | 1.1 | 47.9 | 2.296 | ug/Kg | <RDL | 1 | 2.088 | 2 |
| 0450 | 9/2/2003 | L29367-13 | Aroclor 1260 | | 47.9 | | ug/Kg | <MDL | 1.3 | 2.714 | 2.5 |
| 0450 | 9/2/2003 | L29367-13 | Arsenic, Total, ICP | | 47.9 | | mg/Kg | <MDL | 2.4 | 5.010 | 11.9 |
| 0450 | 9/2/2003 | L29367-13 | Benzo(a)anthracene | 9.84 | 47.9 | 20.543 | ug/Kg | | 2 | 4.175 | 4 |
| 0450 | 9/2/2003 | L29367-13 | Benzo(a)pyrene | 11.3 | 47.9 | 23.591 | ug/Kg | | 3 | 6.263 | 6 |
| 0450 | 9/2/2003 | L29367-13 | Benzo(b)fluoranthene | 14.4 | 47.9 | 30.063 | ug/Kg | | 3 | 6.263 | 6 |
| 0450 | 9/2/2003 | L29367-13 | Aroclor 1248 | | 47.9 | | ug/Kg | <MDL | 1.3 | 2.714 | 2.5 |
| 0450 | 9/2/2003 | L29367-13 | Benzo(k)fluoranthene | 13.6 | 47.9 | 28.392 | ug/Kg | | 3 | 6.263 | 6 |
| 0450 | 9/2/2003 | L29367-13 | Aroclor 1242 | | 47.9 | | ug/Kg | <MDL | 1.3 | 2.714 | 2.5 |
| 0450 | 9/2/2003 | L29367-13 | Benzyl Alcohol | 9.3 | 47.9 | 19.415 | ug/Kg | <RDL | 6 | 12.526 | 12 |
| 0450 | 9/2/2003 | L29367-13 | Benzyl Butyl Phthalate | | 47.9 | | ug/Kg | <MDL | 13 | 27.140 | 26.7 |
| 0450 | 9/2/2003 | L29367-13 | Beryllium, Total, ICP | 0.12 | 47.9 | 0.251 | mg/Kg | <RDL | 0.048 | 0.100 | 0.239 |
| 0450 | 9/2/2003 | L29367-13 | Beta-BHC | | 47.9 | | ug/Kg | <MDL | 0.5 | 1.044 | 1 |
| 0450 | 9/2/2003 | L29367-13 | Bis(2-Chloroethoxy)Methane | | 47.9 | | ug/Kg | <MDL | 17 | 35.491 | 34 |
| 0450 | 9/2/2003 | L29367-13 | Bis(2-Chloroethyl)Ether | | 47.9 | | ug/Kg | <MDL,G | 15 | 31.315 | 30 |
| 0450 | 9/2/2003 | L29367-13 | Sample Description | | 47.9 | | none | | | | |
| 0450 | 9/2/2003 | L29367-13 | Benzo(g,h,i)perylene | 9.8 | 47.9 | 20.459 | ug/Kg | <RDL | 8 | 16.701 | 16 |
| 0450 | 9/2/2003 | L29367-13 | Alpha-Chlordane | | 47.9 | | ug/Kg | <MDL,L | 0.5 | 1.044 | 1 |
| 0450 | 9/2/2003 | L29367-13 | 4-Bromophenyl Phenyl Ether | | 47.9 | | ug/Kg | <MDL | 9 | 18.789 | 18 |
| 0450 | 9/2/2003 | L29367-13 | 4-Chlorophenyl Phenyl Ether | | 47.9 | | ug/Kg | <MDL | 13 | 27.140 | 26 |
| 0450 | 9/2/2003 | L29367-13 | 4-Methylphenol | | 47.9 | | ug/Kg | <MDL | 16 | 33.403 | 32 |
| 0450 | 9/2/2003 | L29367-13 | Acenaphthene | | 47.9 | | ug/Kg | <MDL | 7 | 14.614 | 14 |
| 0450 | 9/2/2003 | L29367-13 | Acenaphthylene | | 47.9 | | ug/Kg | <MDL | 15 | 31.315 | 30 |
| 0450 | 9/2/2003 | L29367-13 | Acid Volatile Sulfides | 13 | 47.9 | 27.140 | mg/Kg | | 1 | 2.088 | 1 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0450 | 9/2/2003 | L29367-13 | Aroclor 1254 | | 47.9 | | ug/Kg | <MDL | 1.3 | 2.714 | 2.5 |
| 0450 | 9/2/2003 | L29367-13 | Alpha-BHC | | 47.9 | | ug/Kg | <MDL | 0.5 | 1.044 | 1 |
| 0450 | 9/2/2003 | L29367-13 | Bis(2-Ethylhexyl)Phthalate | | 47.9 | | ug/Kg | B | 291 | 607.516 | 26.7 |
| 0450 | 9/2/2003 | L29367-13 | Ammonia Nitrogen | 9.05 | 47.9 | 18.894 | mg/Kg | | 0.1 | 0.209 | 0.2 |
| 0450 | 9/2/2003 | L29367-13 | Aniline | | 47.9 | | ug/Kg | <MDL,X | 19 | 39.666 | 38 |
| 0450 | 9/2/2003 | L29367-13 | Anthracene | | 47.9 | | ug/Kg | <MDL,G | 4 | 8.351 | 8 |
| 0450 | 9/2/2003 | L29367-13 | Antimony, Total, ICP | | 47.9 | | mg/Kg | <MDL,G | 1.4 | 2.923 | 7.16 |
| 0450 | 9/2/2003 | L29367-13 | Aroclor 1016 | | 47.9 | | ug/Kg | <MDL | 1.3 | 2.714 | 2.5 |
| 0450 | 9/2/2003 | L29367-13 | Aroclor 1221 | | 47.9 | | ug/Kg | <MDL | 2.5 | 5.219 | 5 |
| 0450 | 9/2/2003 | L29367-13 | Aroclor 1232 | | 47.9 | | ug/Kg | <MDL | 2.5 | 5.219 | 5 |
| 0450 | 9/2/2003 | L29367-13 | Aldrin | | 47.9 | | ug/Kg | <MDL | 1 | 2.088 | 2 |
| 0450 | 9/2/2003 | L29367-2 | Copper, Extractable, SEM | 1.5 | 70.7 | 2.122 | mg/Kg | | 0.09 | 0.127 | 0.452 |
| 0450 | 9/2/2003 | L29367-2 | Dibenzo(a,h)anthracene | | 70.7 | | ug/Kg | <MDL,L | 7 | 9.901 | 14 |
| 0450 | 9/2/2003 | L29367-2 | Caffeine | | 70.7 | | ug/Kg | <MDL | 6 | 8.487 | 12 |
| 0450 | 9/2/2003 | L29367-2 | Carbazole | | 70.7 | | ug/Kg | <MDL | 7 | 9.901 | 14 |
| 0450 | 9/2/2003 | L29367-2 | Chlorpyrifos | | 70.7 | | ug/Kg | <MDL | 53 | 74.965 | 107 |
| 0450 | 9/2/2003 | L29367-2 | Chromium, Extractable, SEM | 0.803 | 70.7 | 1.136 | mg/Kg | E | 0.11 | 0.156 | 0.565 |
| 0450 | 9/2/2003 | L29367-2 | Chromium, Total, ICP | 14.9 | 70.7 | 21.075 | mg/Kg | | 0.25 | 0.354 | 1.23 |
| 0450 | 9/2/2003 | L29367-2 | Cadmium, Extractable, SEM | | 70.7 | | mg/Kg | <MDL | 0.068 | 0.096 | 0.339 |
| 0450 | 9/2/2003 | L29367-2 | Clay | 1 | 70.7 | 1.414 | % | | 0.1 | 0.141 | 0.1 |
| 0450 | 9/2/2003 | L29367-2 | Bis(2-Ethylhexyl)Phthalate | | 70.7 | | ug/Kg | B | 291 | 411.598 | 26.7 |
| 0450 | 9/2/2003 | L29367-2 | Copper, Total, ICP | 4.6 | 70.7 | 6.506 | mg/Kg | | 0.2 | 0.283 | 0.987 |
| 0450 | 9/2/2003 | L29367-2 | Coprostanol | | 70.7 | | ug/Kg | <MDL | 130 | 183.876 | 267 |
| 0450 | 9/2/2003 | L29367-2 | Dalapon | | 70.7 | | ug/Kg | <MDL | 1.3 | 1.839 | 5.81 |
| 0450 | 9/2/2003 | L29367-2 | Delta-BHC | | 70.7 | | ug/Kg | <MDL | 0.5 | 0.707 | 1 |
| 0450 | 9/2/2003 | L29367-2 | Di-N-Butyl Phthalate | | 70.7 | | ug/Kg | B | 788 | 1114.569 | 26.7 |
| 0450 | 9/2/2003 | L29367-2 | Di-N-Octyl Phthalate | | 70.7 | | ug/Kg | <MDL | 13 | 18.388 | 26.7 |
| 0450 | 9/2/2003 | L29367-2 | Aroclor 1248 | | 70.7 | | ug/Kg | <MDL | 1.3 | 1.839 | 2.5 |
| 0450 | 9/2/2003 | L29367-2 | Chrysene | 6.2 | 70.7 | 8.769 | ug/Kg | <RDL | 4 | 5.658 | 8 |
| 0450 | 9/2/2003 | L29367-2 | Benzoic Acid | | 70.7 | | ug/Kg | <MDL | 27 | 38.190 | 53.3 |
| 0450 | 9/2/2003 | L29367-13 | Pyrene | 28.3 | 47.9 | 59.081 | ug/Kg | | 4 | 8.351 | 8 |
| 0450 | 9/2/2003 | L29367-2 | Aroclor 1260 | | 70.7 | | ug/Kg | <MDL | 1.3 | 1.839 | 2.5 |
| 0450 | 9/2/2003 | L29367-2 | Arsenic, Total, ICP | | 70.7 | | mg/Kg | <MDL | 2.5 | 3.536 | 12.3 |
| 0450 | 9/2/2003 | L29367-2 | Benzo(a)anthracene | 4.24 | 70.7 | 5.997 | ug/Kg | | 2 | 2.829 | 4 |
| 0450 | 9/2/2003 | L29367-2 | Benzo(a)pyrene | 5.1 | 70.7 | 7.214 | ug/Kg | <RDL | 3 | 4.243 | 6 |
| 0450 | 9/2/2003 | L29367-2 | Benzo(b)fluoranthene | 7.23 | 70.7 | 10.226 | ug/Kg | | 3 | 4.243 | 6 |
| 0450 | 9/2/2003 | L29367-2 | Cadmium, Total, ICP | | 70.7 | | mg/Kg | <MDL | 0.15 | 0.212 | 0.74 |
| 0450 | 9/2/2003 | L29367-2 | Benzo(k)fluoranthene | 5.9 | 70.7 | 8.345 | ug/Kg | <RDL | 3 | 4.243 | 6 |
| 0450 | 9/2/2003 | L29367-2 | Dibenzofuran | | 70.7 | | ug/Kg | <MDL | 14 | 19.802 | 28 |
| 0450 | 9/2/2003 | L29367-2 | Benzyl Alcohol | | 70.7 | | ug/Kg | <MDL | 6 | 8.487 | 12 |
| 0450 | 9/2/2003 | L29367-2 | Benzyl Butyl Phthalate | | 70.7 | | ug/Kg | <MDL | 13 | 18.388 | 26.7 |
| 0450 | 9/2/2003 | L29367-2 | Beryllium, Total, ICP | 0.1 | 70.7 | 0.141 | mg/Kg | <RDL | 0.049 | 0.069 | 0.247 |
| 0450 | 9/2/2003 | L29367-2 | Beta-BHC | | 70.7 | | ug/Kg | <MDL | 0.5 | 0.707 | 1 |
| 0450 | 9/2/2003 | L29367-2 | Bis(2-Chloroethoxy)Methane | | 70.7 | | ug/Kg | <MDL | 17 | 24.045 | 34 |
| 0450 | 9/2/2003 | L29367-2 | Bis(2-Chloroethyl)Ether | | 70.7 | | ug/Kg | <MDL,G | 15 | 21.216 | 30 |
| 0450 | 9/2/2003 | L29367-2 | Bis(2-Chloroisopropyl)Ether | | 70.7 | | ug/Kg | <MDL | 15 | 21.216 | 30 |
| 0450 | 9/2/2003 | L29367-2 | Benzo(g,h,i)perylene | | 70.7 | | ug/Kg | <MDL | 8 | 11.315 | 16 |
| 0450 | 9/2/2003 | L29367-2 | Isophorone | | 70.7 | | ug/Kg | <MDL,G | 19 | 26.874 | 38 |
| 0450 | 9/2/2003 | L29367-2 | Diazinon | | 70.7 | | ug/Kg | <MDL | 32 | 45.262 | 53.3 |
| 0450 | 9/2/2003 | L29367-2 | Gravel | 1.4 | 70.7 | 1.980 | % | E | 0.1 | 0.141 | 0.1 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0450 | 9/2/2003 | L29367-2 | Heptachlor | | 70.7 | | ug/Kg | <MDL | 0.5 | 0.707 | 1 |
| 0450 | 9/2/2003 | L29367-2 | Heptachlor Epoxide | | 70.7 | | ug/Kg | <MDL | 0.5 | 0.707 | 1 |
| 0450 | 9/2/2003 | L29367-2 | Hexachlorobenzene | | 70.7 | | ug/Kg | <MDL | 0.66 | 0.934 | 1.33 |
| 0450 | 9/2/2003 | L29367-2 | Hexachlorobutadiene | | 70.7 | | ug/Kg | <MDL,G | 0.75 | 1.061 | 1.5 |
| 0450 | 9/2/2003 | L29367-2 | Gamma-Chlordane | | 70.7 | | ug/Kg | <MDL | 0.5 | 0.707 | 1 |
| 0450 | 9/2/2003 | L29367-2 | Indeno(1,2,3-Cd)Pyrene | | 70.7 | | ug/Kg | <MDL | 9 | 12.730 | 18 |
| 0450 | 9/2/2003 | L29367-2 | Gamma-BHC (Lindane) | | 70.7 | | ug/Kg | <MDL | 0.5 | 0.707 | 1 |
| 0450 | 9/2/2003 | L29367-2 | Lead, Extractable, SEM | 2.6 | 70.7 | 3.678 | mg/Kg | <RDL | 0.68 | 0.962 | 3.39 |
| 0450 | 9/2/2003 | L29367-2 | Lead, Total, ICP | 3.6 | 70.7 | 5.092 | mg/Kg | <RDL | 1.5 | 2.122 | 7.4 |
| 0450 | 9/2/2003 | L29367-2 | Lube Oil Range ( >C24) | | 70.7 | | mg/Kg | <MDL | 100 | 141.443 | 100 |
| 0450 | 9/2/2003 | L29367-2 | MCPA | | 70.7 | | ug/Kg | <MDL | 2.6 | 3.678 | 5.81 |
| 0450 | 9/2/2003 | L29367-2 | MCPP | | 70.7 | | ug/Kg | <MDL | 1.2 | 1.697 | 5.81 |
| 0450 | 9/2/2003 | L29367-2 | Malathion | | 70.7 | | ug/Kg | <MDL | 85 | 120.226 | 160 |
| 0450 | 9/2/2003 | L29367-2 | Manganese, Total, ICP | 192 | 70.7 | 271.570 | mg/Kg | L | 0.099 | 0.140 | 0.493 |
| 0450 | 9/2/2003 | L29367-2 | Hexachloroethane | | 70.7 | | ug/Kg | <MDL,G | 15 | 21.216 | 30 |
| 0450 | 9/2/2003 | L29367-2 | Endosulfan I | | 70.7 | | ug/Kg | <MDL | 1 | 1.414 | 2 |
| 0450 | 9/2/2003 | L29367-2 | Dicamba | | 70.7 | | ug/Kg | <MDL | 1.3 | 1.839 | 5.81 |
| 0450 | 9/2/2003 | L29367-2 | Dichloroprop | | 70.7 | | ug/Kg | <MDL | 2.2 | 3.112 | 5.81 |
| 0450 | 9/2/2003 | L29367-2 | Dieldrin | | 70.7 | | ug/Kg | <MDL | 1 | 1.414 | 2 |
| 0450 | 9/2/2003 | L29367-2 | Diesel Range (>C12 Thru C24) | | 70.7 | | mg/Kg | <MDL | 50 | 70.721 | 50 |
| 0450 | 9/2/2003 | L29367-2 | Diethyl Phthalate | | 70.7 | | ug/Kg | <MDL | 13 | 18.388 | 26.7 |
| 0450 | 9/2/2003 | L29367-2 | Dimethyl Phthalate | | 70.7 | | ug/Kg | <MDL | 13 | 18.388 | 26.7 |
| 0450 | 9/2/2003 | L29367-2 | Gasoline Range (C7 Thru C12) | | 70.7 | | mg/Kg | <MDL | 20 | 28.289 | 20 |
| 0450 | 9/2/2003 | L29367-2 | Disulfoton | | 70.7 | | ug/Kg | <MDL | 32 | 45.262 | 53.3 |
| 0450 | 9/2/2003 | L29367-2 | Aroclor 1242 | | 70.7 | | ug/Kg | <MDL | 1.3 | 1.839 | 2.5 |
| 0450 | 9/2/2003 | L29367-2 | Endosulfan II | | 70.7 | | ug/Kg | <MDL | 1 | 1.414 | 2 |
| 0450 | 9/2/2003 | L29367-2 | Endosulfan Sulfate | | 70.7 | | ug/Kg | <MDL | 1 | 1.414 | 2 |
| 0450 | 9/2/2003 | L29367-2 | Endrin | | 70.7 | | ug/Kg | <MDL | 1 | 1.414 | 2 |
| 0450 | 9/2/2003 | L29367-2 | Endrin Aldehyde | | 70.7 | | ug/Kg | <MDL | 2 | 2.829 | 4 |
| 0450 | 9/2/2003 | L29367-2 | Extractable Phosphorus | 9.64 | 70.7 | 13.635 | mg/Kg | | 0.2 | 0.283 | 0.5 |
| 0450 | 9/2/2003 | L29367-2 | Fluoranthene | 10 | 70.7 | 14.144 | ug/Kg | <RDL | 8 | 11.315 | 16 |
| 0450 | 9/2/2003 | L29367-2 | Fluorene | | 70.7 | | ug/Kg | <MDL | 13 | 18.388 | 26 |
| 0450 | 9/2/2003 | L29367-2 | Dinoseb | | 70.7 | | ug/Kg | <MDL | 1.9 | 2.687 | 8.71 |
| 0450 | 9/2/2003 | L29367-13 | p+6.00 | 4.7 | 47.9 | 9.812 | % | | 0.1 | 0.209 | 0.1 |
| 0450 | 9/2/2003 | L29367-2 | 1,2-Dichlorobenzene | | 70.7 | | ug/Kg | <MDL,G | 1.3 | 1.839 | 2.67 |
| 0450 | 9/2/2003 | L29367-13 | p+1.00 | 4.5 | 47.9 | 9.395 | % | | 0.1 | 0.209 | 0.1 |
| 0450 | 9/2/2003 | L29367-13 | p+10.0 | 0.5 | 47.9 | 1.044 | % | | 0.1 | 0.209 | 0.1 |
| 0450 | 9/2/2003 | L29367-13 | p+10.0(more than) | 0.8 | 47.9 | 1.670 | % | | 0.1 | 0.209 | 0.1 |
| 0450 | 9/2/2003 | L29367-13 | p+2.00 | 55.3 | 47.9 | 115.449 | % | | 0.1 | 0.209 | 0.1 |
| 0450 | 9/2/2003 | L29367-13 | p+3.00 | 10 | 47.9 | 20.877 | % | | 0.1 | 0.209 | 0.1 |
| 0450 | 9/2/2003 | L29367-13 | Zinc, Total, ICP | 32.6 | 47.9 | 68.058 | mg/Kg | | 0.24 | 0.501 | 1.19 |
| 0450 | 9/2/2003 | L29367-13 | p+5.00 | 7 | 47.9 | 14.614 | % | | 0.1 | 0.209 | 0.1 |
| 0450 | 9/2/2003 | L29367-13 | Zinc, Extractable, SEM | 27.4 | 47.9 | 57.203 | mg/Kg | B | 3.5 | 7.307 | 0.612 |
| 0450 | 9/2/2003 | L29367-13 | p+7.00 | 6.2 | 47.9 | 12.944 | % | | 0.1 | 0.209 | 0.1 |
| 0450 | 9/2/2003 | L29367-13 | p+8.00 | 3.8 | 47.9 | 7.933 | % | | 0.1 | 0.209 | 0.1 |
| 0450 | 9/2/2003 | L29367-13 | p+9.00 | 1.1 | 47.9 | 2.296 | % | | 0.1 | 0.209 | 0.1 |
| 0450 | 9/2/2003 | L29367-13 | p-1.00 | 0.2 | 47.9 | 0.418 | % | | 0.1 | 0.209 | 0.1 |
| 0450 | 9/2/2003 | L29367-13 | p-2.00 | 0.2 | 47.9 | 0.418 | % | | 0.1 | 0.209 | 0.1 |
| 0450 | 9/2/2003 | L29367-13 | p-2.00(less than) | 0.4 | 47.9 | 0.835 | % | | 0.1 | 0.209 | 0.1 |
| 0450 | 9/2/2003 | L29367-2 | Aroclor 1254 | | 70.7 | | ug/Kg | <MDL | 1.3 | 1.839 | 2.5 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0450 | 9/2/2003 | L29367-13 | p+4.00 | 4.9 | 47.9 | 10.230 | % | | 0.1 | 0.209 | 0.1 |
| 0450 | 9/2/2003 | L29367-13 | Silt | 21.7 | 47.9 | 45.303 | % | | 0.1 | 0.209 | 0.1 |
| 0450 | 9/2/2003 | L29367-2 | Aroclor 1016 | | 70.7 | | ug/Kg | <MDL | 1.3 | 1.839 | 2.5 |
| 0450 | 9/2/2003 | L29367-13 | Sample Function | | 47.9 | | none | | | | |
| 0450 | 9/2/2003 | L29367-13 | Sampling Method | | 47.9 | | none | | | | |
| 0450 | 9/2/2003 | L29367-13 | Sand | 75.3 | 47.9 | 157.203 | % | | 0.1 | 0.209 | 0.1 |
| 0450 | 9/2/2003 | L29367-13 | Sediment Sampling Depth | 5 | 47.9 | 10.438 | cm | | | | |
| 0450 | 9/2/2003 | L29367-13 | Sediment Sampling Range | | 47.9 | | cm | | | | |
| 0450 | 9/2/2003 | L29367-13 | p+0.00 | 0.6 | 47.9 | 1.253 | % | | 0.1 | 0.209 | 0.1 |
| 0450 | 9/2/2003 | L29367-13 | Selenium, Total, ICP | | 47.9 | | mg/Kg | <MDL | 2.4 | 5.010 | 11.9 |
| 0450 | 9/2/2003 | L29367-2 | 1,2-Diphenylhydrazine | | 70.7 | | ug/Kg | <MDL | 10 | 14.144 | 20 |
| 0450 | 9/2/2003 | L29367-13 | Silver, Total, ICP | 0.79 | 47.9 | 1.649 | mg/Kg | <RDL | 0.19 | 0.397 | 0.954 |
| 0450 | 9/2/2003 | L29367-13 | Thallium, Total, ICP | | 47.9 | | mg/Kg | <MDL | 9.5 | 19.833 | 47.7 |
| 0450 | 9/2/2003 | L29367-13 | Total Organic Carbon | 9550 | 47.9 | 19937.370 | mg/Kg | | 1100 | 2296.451 | 2200 |
| 0450 | 9/2/2003 | L29367-13 | Total Phosphorus | 255 | 47.9 | 532.359 | mg/Kg | B | 64 | 133.612 | 25 |
| 0450 | 9/2/2003 | L29367-13 | Total Solids | 47.9 | 47.9 | 100.000 | % | | 0.005 | 0.010 | 0.01 |
| 0450 | 9/2/2003 | L29367-13 | Total Sulfide | 79 | 47.9 | 164.927 | mg/Kg | | 1 | 2.088 | 1 |
| 0450 | 9/2/2003 | L29367-13 | Toxaphene | | 47.9 | | ug/Kg | <MDL | 10 | 20.877 | 20 |
| 0450 | 9/2/2003 | L29367-13 | Sediment Type | | 47.9 | | none | | | | |
| 0450 | 9/2/2003 | L29367-2 | Aldrin | | 70.7 | | ug/Kg | <MDL | 1 | 1.414 | 2 |
| 0450 | 9/2/2003 | L29367-2 | 1,2,4-Trichlorobenzene | | 70.7 | | ug/Kg | <MDL,G | 0.26 | 0.368 | 0.53 |
| 0450 | 9/2/2003 | L29367-2 | 4,4'-DDT | | 70.7 | | ug/Kg | <MDL,L | 1 | 1.414 | 2 |
| 0450 | 9/2/2003 | L29367-2 | 4-Bromophenyl Phenyl Ether | | 70.7 | | ug/Kg | <MDL | 9 | 12.730 | 18 |
| 0450 | 9/2/2003 | L29367-2 | 4-Chlorophenyl Phenyl Ether | | 70.7 | | ug/Kg | <MDL | 13 | 18.388 | 26 |
| 0450 | 9/2/2003 | L29367-2 | 4-Methylphenol | | 70.7 | | ug/Kg | <MDL | 16 | 22.631 | 32 |
| 0450 | 9/2/2003 | L29367-2 | Acenaphthene | | 70.7 | | ug/Kg | <MDL | 7 | 9.901 | 14 |
| 0450 | 9/2/2003 | L29367-2 | 4,4'-DDD | | 70.7 | | ug/Kg | <MDL | 1 | 1.414 | 2 |
| 0450 | 9/2/2003 | L29367-2 | Acid Volatile Sulfides | 3.8 | 70.7 | 5.375 | mg/Kg | | 1 | 1.414 | 1 |
| 0450 | 9/2/2003 | L29367-2 | 2-Nitrophenol | | 70.7 | | ug/Kg | <MDL | 15 | 21.216 | 30 |
| 0450 | 9/2/2003 | L29367-2 | Alpha-BHC | | 70.7 | | ug/Kg | <MDL | 0.5 | 0.707 | 1 |
| 0450 | 9/2/2003 | L29367-2 | Alpha-Chlordane | | 70.7 | | ug/Kg | <MDL,L | 0.5 | 0.707 | 1 |
| 0450 | 9/2/2003 | L29367-2 | Ammonia Nitrogen | 5.31 | 70.7 | 7.511 | mg/Kg | | 0.1 | 0.141 | 0.2 |
| 0450 | 9/2/2003 | L29367-2 | Aniline | | 70.7 | | ug/Kg | <MDL,X | 19 | 26.874 | 38 |
| 0450 | 9/2/2003 | L29367-2 | Antimony, Total, ICP | | 70.7 | | mg/Kg | <MDL,G | 1.5 | 2.122 | 7.4 |
| 0450 | 9/2/2003 | L29367-2 | Aroclor 1221 | | 70.7 | | ug/Kg | <MDL | 2.5 | 3.536 | 5 |
| 0450 | 9/2/2003 | L29367-2 | Aroclor 1232 | | 70.7 | | ug/Kg | <MDL | 2.5 | 3.536 | 5 |
| 0450 | 9/2/2003 | L29367-2 | Acenaphthylene | | 70.7 | | ug/Kg | <MDL | 15 | 21.216 | 30 |
| 0450 | 9/2/2003 | L29367-2 | 2,4-Dichlorophenol | | 70.7 | | ug/Kg | <MDL | 16 | 22.631 | 32 |
| 0450 | 9/2/2003 | L29367-2 | 1,3-Dichlorobenzene | | 70.7 | | ug/Kg | <MDL,G | 1.3 | 1.839 | 2.67 |
| 0450 | 9/2/2003 | L29367-2 | 1,4-Dichlorobenzene | | 70.7 | | ug/Kg | <MDL,G | 1.3 | 1.839 | 2.67 |
| 0450 | 9/2/2003 | L29367-2 | 2,4,5-T | | 70.7 | | ug/Kg | <MDL | 2.7 | 3.819 | 8.71 |
| 0450 | 9/2/2003 | L29367-2 | 2,4,5-TP (Silvex) | | 70.7 | | ug/Kg | <MDL | 2.2 | 3.112 | 8.71 |
| 0450 | 9/2/2003 | L29367-2 | 2,4,5-Trichlorophenol | | 70.7 | | ug/Kg | <MDL | 12 | 16.973 | 24 |
| 0450 | 9/2/2003 | L29367-2 | 2,4,6-Trichlorophenol | | 70.7 | | ug/Kg | <MDL | 13 | 18.388 | 26 |
| 0450 | 9/2/2003 | L29367-2 | 4,4'-DDE | | 70.7 | | ug/Kg | <MDL | 1 | 1.414 | 2 |
| 0450 | 9/2/2003 | L29367-2 | 2,4-DB | | 70.7 | | ug/Kg | <MDL | 1.6 | 2.263 | 5.81 |
| 0450 | 9/2/2003 | L29367-13 | Pyridine | | 47.9 | | ug/Kg | <MDL,X | 130 | 271.399 | 267 |
| 0450 | 9/2/2003 | L29367-2 | 2,4-Dimethylphenol | | 70.7 | | ug/Kg | <MDL | 7 | 9.901 | 14 |
| 0450 | 9/2/2003 | L29367-2 | 2,4-Dinitrotoluene | | 70.7 | | ug/Kg | <MDL | 27 | 38.190 | 53.3 |
| 0450 | 9/2/2003 | L29367-2 | 2,6-Dinitrotoluene | | 70.7 | | ug/Kg | <MDL | 27 | 38.190 | 53.3 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0450 | 9/2/2003 | L29367-2 | 2-Chloronaphthalene | | 70.7 | | ug/Kg | <MDL | 16 | 22.631 | 32 |
| 0450 | 9/2/2003 | L29367-2 | 2-Chlorophenol | | 70.7 | | ug/Kg | <MDL,G | 8 | 11.315 | 16 |
| 0450 | 9/2/2003 | L29367-2 | 2-Methylnaphthalene | | 70.7 | | ug/Kg | <MDL | 14 | 19.802 | 28 |
| 0450 | 9/2/2003 | L29367-2 | 2-Methylphenol | | 70.7 | | ug/Kg | <MDL | 19 | 26.874 | 38 |
| 0450 | 9/2/2003 | L29367-2 | 2,4-D | | 70.7 | | ug/Kg | <MDL | 2.3 | 3.253 | 5.81 |
| 0450 | 9/2/2003 | L29367-2 | Anthracene | | 70.7 | | ug/Kg | <MDL,G | 4 | 5.658 | 8 |
| 0450A | 9/2/2003 | L29367-1 | Mercury, Total, CVAA | | 75.9 | | mg/Kg | <MDL | 0.021 | 0.028 | 0.207 |
| 0450A | 9/2/2003 | L29367-1 | Lead, Extractable, SEM | 1.9 | 75.9 | 2.503 | mg/Kg | <RDL | 0.71 | 0.935 | 3.57 |
| 0450A | 9/2/2003 | L29367-1 | Heptachlor | | 75.9 | | ug/Kg | <MDL | 0.5 | 0.659 | 1 |
| 0450A | 9/2/2003 | L29367-1 | Heptachlor Epoxide | | 75.9 | | ug/Kg | <MDL | 0.5 | 0.659 | 1 |
| 0450A | 9/2/2003 | L29367-1 | Hexachlorobenzene | | 75.9 | | ug/Kg | <MDL | 0.66 | 0.870 | 1.33 |
| 0450A | 9/2/2003 | L29367-1 | Hexachlorobutadiene | | 75.9 | | ug/Kg | <MDL,G | 0.75 | 0.988 | 1.5 |
| 0450A | 9/2/2003 | L29367-1 | Hexachloroethane | | 75.9 | | ug/Kg | <MDL,G | 15 | 19.763 | 30 |
| 0450A | 9/2/2003 | L29367-1 | Indeno(1,2,3-Cd)Pyrene | | 75.9 | | ug/Kg | <MDL | 9 | 11.858 | 18 |
| 0450A | 9/2/2003 | L29367-1 | Isophorone | | 75.9 | | ug/Kg | <MDL,G | 19 | 25.033 | 38 |
| 0450A | 9/2/2003 | L29367-1 | Gravel | 11.3 | 75.9 | 14.888 | % | E | 0.1 | 0.132 | 0.1 |
| 0450A | 9/2/2003 | L29367-1 | Lube Oil Range ( >C24) | | 75.9 | | mg/Kg | <MDL | 100 | 131.752 | 100 |
| 0450A | 9/2/2003 | L29367-1 | MCPP | | 75.9 | | ug/Kg | <MDL | 1.2 | 1.581 | 5.96 |
| 0450A | 9/2/2003 | L29367-1 | Malathion | | 75.9 | | ug/Kg | <MDL | 85 | 111.989 | 160 |
| 0450A | 9/2/2003 | L29367-1 | N-Nitrosodimethylamine | | 75.9 | | ug/Kg | <MDL,G | 20 | 26.350 | 40 |
| 0450A | 9/2/2003 | L29367-1 | Mercury, Extractable, SEM | | 75.9 | | mg/Kg | <MDL | 0.0048 | 0.006 | 0.0143 |
| 0450A | 9/2/2003 | L29367-1 | Gasoline Range (C7 Thru C12) | | 75.9 | | mg/Kg | <MDL | 20 | 26.350 | 20 |
| 0450A | 9/2/2003 | L29367-1 | Methoxychlor | | 75.9 | | ug/Kg | <MDL | 5 | 6.588 | 10 |
| 0450A | 9/2/2003 | L29367-1 | N-Nitrosodi-N-Propylamine | | 75.9 | | ug/Kg | <MDL | 9 | 11.858 | 18 |
| 0450A | 9/2/2003 | L29367-1 | N-Nitrosodiphenylamine | | 75.9 | | ug/Kg | <MDL | 20 | 26.350 | 40 |
| 0450A | 9/2/2003 | L29367-1 | Naphthalene | | 75.9 | | ug/Kg | <MDL,G | 14 | 18.445 | 28 |
| 0450A | 9/2/2003 | L29367-1 | Manganese, Total, ICP | 271 | 75.9 | 357.049 | mg/Kg | L | 0.098 | 0.129 | 0.49 |
| 0450A | 9/2/2003 | L29367-1 | Disulfoton | | 75.9 | | ug/Kg | <MDL | 32 | 42.161 | 53.3 |
| 0450A | 9/2/2003 | L29367-1 | p+7.00 | 1.6 | 75.9 | 2.108 | % | | 0.1 | 0.132 | 0.1 |
| 0450A | 9/2/2003 | L29367-1 | Nickel, Extractable, SEM | 1.3 | 75.9 | 1.713 | mg/Kg | <RDL | 0.48 | 0.632 | 2.38 |
| 0450A | 9/2/2003 | L29367-1 | Dibenzo(a,h)anthracene | | 75.9 | | ug/Kg | <MDL,L | 7 | 9.223 | 14 |
| 0450A | 9/2/2003 | L29367-1 | Dicamba | | 75.9 | | ug/Kg | <MDL | 1.4 | 1.845 | 5.96 |
| 0450A | 9/2/2003 | L29367-1 | Dichloroprop | | 75.9 | | ug/Kg | <MDL | 2.2 | 2.899 | 5.96 |
| 0450A | 9/2/2003 | L29367-1 | Dieldrin | | 75.9 | | ug/Kg | <MDL | 1 | 1.318 | 2 |
| 0450A | 9/2/2003 | L29367-1 | Diesel Range (>C12 Thru C24) | | 75.9 | | mg/Kg | <MDL | 50 | 65.876 | 50 |
| 0450A | 9/2/2003 | L29367-1 | Diethyl Phthalate | | 75.9 | | ug/Kg | <MDL | 13 | 17.128 | 26.7 |
| 0450A | 9/2/2003 | L29367-1 | Dibenzofuran | | 75.9 | | ug/Kg | <MDL | 14 | 18.445 | 28 |
| 0450A | 9/2/2003 | L29367-1 | Dinoseb | | 75.9 | | ug/Kg | <MDL | 1.9 | 2.503 | 8.94 |
| 0450A | 9/2/2003 | L29367-1 | Gamma-Chlordane | | 75.9 | | ug/Kg | <MDL | 0.5 | 0.659 | 1 |
| 0450A | 9/2/2003 | L29367-1 | Endosulfan I | | 75.9 | | ug/Kg | <MDL | 1 | 1.318 | 2 |
| 0450A | 9/2/2003 | L29367-1 | Endosulfan II | | 75.9 | | ug/Kg | <MDL | 1 | 1.318 | 2 |
| 0450A | 9/2/2003 | L29367-1 | Endosulfan Sulfate | | 75.9 | | ug/Kg | <MDL | 1 | 1.318 | 2 |
| 0450A | 9/2/2003 | L29367-1 | Endrin | | 75.9 | | ug/Kg | <MDL | 1 | 1.318 | 2 |
| 0450A | 9/2/2003 | L29367-1 | Endrin Aldehyde | | 75.9 | | ug/Kg | <MDL | 2 | 2.635 | 4 |
| 0450A | 9/2/2003 | L29367-1 | Extractable Phosphorus | 7.09 | 75.9 | 9.341 | mg/Kg | | 0.2 | 0.264 | 0.5 |
| 0450A | 9/2/2003 | L29367-1 | Fluoranthene | | 75.9 | | ug/Kg | <MDL | 8 | 10.540 | 16 |
| 0450A | 9/2/2003 | L29367-1 | Fluorene | | 75.9 | | ug/Kg | <MDL | 13 | 17.128 | 26 |
| 0450A | 9/2/2003 | L29367-1 | Gamma-BHC (Lindane) | | 75.9 | | ug/Kg | <MDL | 0.5 | 0.659 | 1 |
| 0450A | 9/2/2003 | L29367-1 | Dimethyl Phthalate | | 75.9 | | ug/Kg | <MDL | 13 | 17.128 | 26.7 |
| 0450A | 9/2/2003 | L29367-1 | p+3.00 | 3.2 | 75.9 | 4.216 | % | | 0.1 | 0.132 | 0.1 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0450A | 9/2/2003 | L29367-1 | p+9.00 | | 75.9 | | % | <MDL | 0.1 | 0.132 | 0.1 |
| 0450A | 9/2/2003 | L29367-1 | Total Sulfide | 15 | 75.9 | 19.763 | mg/Kg | | 1 | 1.318 | 1 |
| 0450A | 9/2/2003 | L29367-1 | Toxaphene | | 75.9 | | ug/Kg | <MDL | 10 | 13.175 | 20 |
| 0450A | 9/2/2003 | L29367-1 | Zinc, Extractable, SEM | 10.9 | 75.9 | 14.361 | mg/Kg | B | 3.5 | 4.611 | 0.594 |
| 0450A | 9/2/2003 | L29367-1 | Zinc, Total, ICP | 30.5 | 75.9 | 40.184 | mg/Kg | | 0.25 | 0.329 | 1.23 |
| 0450A | 9/2/2003 | L29367-1 | p+0.00 | 6.2 | 75.9 | 8.169 | % | | 0.1 | 0.132 | 0.1 |
| 0450A | 9/2/2003 | L29367-1 | p+1.00 | 16 | 75.9 | 21.080 | % | | 0.1 | 0.132 | 0.1 |
| 0450A | 9/2/2003 | L29367-1 | p+10.0 | | 75.9 | | % | <MDL | 0.1 | 0.132 | 0.1 |
| 0450A | 9/2/2003 | L29367-1 | Total Phosphorus | 279 | 75.9 | 367.589 | mg/Kg | B | 64 | 84.321 | 12.5 |
| 0450A | 9/2/2003 | L29367-1 | p+2.00 | 60.8 | 75.9 | 80.105 | % | | 0.1 | 0.132 | 0.1 |
| 0450A | 9/2/2003 | L29367-1 | Total Organic Carbon | 1790 | 75.9 | 2358.366 | mg/Kg | | 500 | 658.762 | 1000 |
| 0450A | 9/2/2003 | L29367-1 | p+4.00 | 0.6 | 75.9 | 0.791 | % | | 0.1 | 0.132 | 0.1 |
| 0450A | 9/2/2003 | L29367-1 | p+5.00 | | 75.9 | | % | <MDL | 0.1 | 0.132 | 0.1 |
| 0450A | 9/2/2003 | L29367-1 | p+6.00 | | 75.9 | | % | <MDL | 0.1 | 0.132 | 0.1 |
| 0450A | 9/2/2003 | L29367-1 | p-2.00(less than) | 6.8 | 75.9 | 8.959 | % | | 0.1 | 0.132 | 0.1 |
| 0450A | 9/2/2003 | L29367-1 | p-2.00 | 0.8 | 75.9 | 1.054 | % | | 0.1 | 0.132 | 0.1 |
| 0450A | 9/2/2003 | L29367-1 | p-1.00 | 3.7 | 75.9 | 4.875 | % | | 0.1 | 0.132 | 0.1 |
| 0450A | 9/2/2003 | L29367-1 | Diazinon | | 75.9 | | ug/Kg | <MDL | 32 | 42.161 | 53.3 |
| 0450A | 9/2/2003 | L29367-1 | p+8.00 | 0.4 | 75.9 | 0.527 | % | | 0.1 | 0.132 | 0.1 |
| 0450A | 9/2/2003 | L29367-1 | Lead, Total, ICP | 2.7 | 75.9 | 3.557 | mg/Kg | <RDL | 1.5 | 1.976 | 7.36 |
| 0450A | 9/2/2003 | L29367-1 | p+10.0(more than) | | 75.9 | | % | <MDL | 0.1 | 0.132 | 0.1 |
| 0450A | 9/2/2003 | L29367-1 | Sample Function | | 75.9 | | none | | | | |
| 0450A | 9/2/2003 | L29367-1 | Nitrobenzene | | 75.9 | | ug/Kg | <MDL | 16 | 21.080 | 32 |
| 0450A | 9/2/2003 | L29367-1 | Parathion-Ethyl | | 75.9 | | ug/Kg | <MDL | 85 | 111.989 | 160 |
| 0450A | 9/2/2003 | L29367-1 | Parathion-Methyl | | 75.9 | | ug/Kg | <MDL | 85 | 111.989 | 160 |
| 0450A | 9/2/2003 | L29367-1 | Pentachlorophenol | | 75.9 | | ug/Kg | <MDL,G | 13 | 17.128 | 26.7 |
| 0450A | 9/2/2003 | L29367-1 | Phenanthrene | | 75.9 | | ug/Kg | <MDL | 4 | 5.270 | 8 |
| 0450A | 9/2/2003 | L29367-1 | Phenol | | 75.9 | | ug/Kg | <MDL | 9 | 11.858 | 18 |
| 0450A | 9/2/2003 | L29367-1 | Phorate | | 75.9 | | ug/Kg | <MDL | 53 | 69.829 | 107 |
| 0450A | 9/2/2003 | L29367-1 | Pyrene | 5.2 | 75.9 | 6.851 | ug/Kg | <RDL | 4 | 5.270 | 8 |
| 0450A | 9/2/2003 | L29367-1 | Total Solids | 75.9 | 75.9 | 100.000 | % | | 0.005 | 0.007 | 0.01 |
| 0450A | 9/2/2003 | L29367-1 | Sample Description | | 75.9 | | none | | | | |
| 0450A | 9/2/2003 | L29367-1 | Nickel, Total, ICP | 19.2 | 75.9 | 25.296 | mg/Kg | | 0.98 | 1.291 | 4.9 |
| 0450A | 9/2/2003 | L29367-1 | Sampling Method | | 75.9 | | none | | | | |
| 0450A | 9/2/2003 | L29367-1 | Sand | 86.8 | 75.9 | 114.361 | % | | 0.1 | 0.132 | 0.1 |
| 0450A | 9/2/2003 | L29367-1 | Sediment Sampling Depth | 5 | 75.9 | 6.588 | cm | | | | |
| 0450A | 9/2/2003 | L29367-1 | Sediment Sampling Range | | 75.9 | | cm | | | | |
| 0450A | 9/2/2003 | L29367-1 | Sediment Type | | 75.9 | | none | | | | |
| 0450A | 9/2/2003 | L29367-1 | Selenium, Total, ICP | | 75.9 | | mg/Kg | <MDL | 2.5 | 3.294 | 12.3 |
| 0450A | 9/2/2003 | L29367-1 | Silt | 2 | 75.9 | 2.635 | % | | 0.1 | 0.132 | 0.1 |
| 0450A | 9/2/2003 | L29367-1 | Silver, Total, ICP | 0.78 | 75.9 | 1.028 | mg/Kg | <RDL | 0.2 | 0.264 | 0.981 |
| 0450A | 9/2/2003 | L29367-1 | Thallium, Total, ICP | | 75.9 | | mg/Kg | <MDL | 9.8 | 12.912 | 49 |
| 0450A | 9/2/2003 | L29367-1 | Pyridine | | 75.9 | | ug/Kg | <MDL,X | 130 | 171.278 | 267 |
| 0450A | 9/2/2003 | L29367-1 | Acid Volatile Sulfides | | 75.9 | | mg/Kg | <MDL | 1 | 1.318 | 1 |
| 0450A | 9/2/2003 | L29367-1 | Aroclor 1016 | | 75.9 | | ug/Kg | <MDL | 1.3 | 1.713 | 2.5 |
| 0450A | 9/2/2003 | L29367-1 | 4,4'-DDD | | 75.9 | | ug/Kg | <MDL | 1 | 1.318 | 2 |
| 0450A | 9/2/2003 | L29367-1 | 4,4'-DDE | | 75.9 | | ug/Kg | <MDL | 1 | 1.318 | 2 |
| 0450A | 9/2/2003 | L29367-1 | 4,4'-DDT | | 75.9 | | ug/Kg | <MDL,L | 1 | 1.318 | 2 |
| 0450A | 9/2/2003 | L29367-1 | 4-Bromophenyl Phenyl Ether | | 75.9 | | ug/Kg | <MDL | 9 | 11.858 | 18 |
| 0450A | 9/2/2003 | L29367-1 | 4-Chlorophenyl Phenyl Ether | | 75.9 | | ug/Kg | <MDL | 13 | 17.128 | 26 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0450A | 9/2/2003 | L29367-1 | 4-Methylphenol | | 75.9 | | ug/Kg | <MDL | 16 | 21.080 | 32 |
| 0450A | 9/2/2003 | L29367-1 | 2-Chlorophenol | | 75.9 | | ug/Kg | <MDL,G | 8 | 10.540 | 16 |
| 0450A | 9/2/2003 | L29367-1 | Acenaphthylene | | 75.9 | | ug/Kg | <MDL | 15 | 19.763 | 30 |
| 0450A | 9/2/2003 | L29367-1 | 2-Chloronaphthalene | | 75.9 | | ug/Kg | <MDL | 16 | 21.080 | 32 |
| 0450A | 9/2/2003 | L29367-1 | Aldrin | | 75.9 | | ug/Kg | <MDL | 1 | 1.318 | 2 |
| 0450A | 9/2/2003 | L29367-1 | Alpha-BHC | | 75.9 | | ug/Kg | <MDL | 0.5 | 0.659 | 1 |
| 0450A | 9/2/2003 | L29367-1 | Alpha-Chlordane | | 75.9 | | ug/Kg | <MDL,L | 0.5 | 0.659 | 1 |
| 0450A | 9/2/2003 | L29367-1 | Ammonia Nitrogen | 3.36 | 75.9 | 4.427 | mg/Kg | | 0.1 | 0.132 | 0.2 |
| 0450A | 9/2/2003 | L29367-1 | Aniline | | 75.9 | | ug/Kg | <MDL,X | 19 | 25.033 | 38 |
| 0450A | 9/2/2003 | L29367-1 | Anthracene | | 75.9 | | ug/Kg | <MDL,G | 4 | 5.270 | 8 |
| 0450A | 9/2/2003 | L29367-1 | Antimony, Total, ICP | | 75.9 | | mg/Kg | <MDL,G | 1.5 | 1.976 | 7.36 |
| 0450A | 9/2/2003 | L29367-1 | Acenaphthene | | 75.9 | | ug/Kg | <MDL | 7 | 9.223 | 14 |
| 0450A | 9/2/2003 | L29367-1 | 2,4,5-Trichlorophenol | | 75.9 | | ug/Kg | <MDL | 12 | 15.810 | 24 |
| 0450A | 9/2/2003 | L29367-1 | Di-N-Octyl Phthalate | | 75.9 | | ug/Kg | <MDL | 13 | 17.128 | 26.7 |
| 0450A | 9/2/2003 | L29367-1 | MCPA | | 75.9 | | ug/Kg | <MDL | 2.6 | 3.426 | 5.96 |
| 0450A | 9/2/2003 | L29367-1 | 1,2,4-Trichlorobenzene | | 75.9 | | ug/Kg | <MDL,G | 0.26 | 0.343 | 0.53 |
| 0450A | 9/2/2003 | L29367-1 | 1,2-Dichlorobenzene | | 75.9 | | ug/Kg | <MDL,G | 1.3 | 1.713 | 2.67 |
| 0450A | 9/2/2003 | L29367-1 | 1,2-Diphenylhydrazine | | 75.9 | | ug/Kg | <MDL | 10 | 13.175 | 20 |
| 0450A | 9/2/2003 | L29367-1 | 1,3-Dichlorobenzene | | 75.9 | | ug/Kg | <MDL,G | 1.3 | 1.713 | 2.67 |
| 0450A | 9/2/2003 | L29367-1 | 1,4-Dichlorobenzene | | 75.9 | | ug/Kg | <MDL,G | 1.3 | 1.713 | 2.67 |
| 0450A | 9/2/2003 | L29367-1 | 2-Methylphenol | | 75.9 | | ug/Kg | <MDL | 19 | 25.033 | 38 |
| 0450A | 9/2/2003 | L29367-1 | 2,4,5-TP (Silvex) | | 75.9 | | ug/Kg | <MDL | 2.2 | 2.899 | 8.94 |
| 0450A | 9/2/2003 | L29367-1 | 2-Nitrophenol | | 75.9 | | ug/Kg | <MDL | 15 | 19.763 | 30 |
| 0450A | 9/2/2003 | L29367-1 | 2,4,6-Trichlorophenol | | 75.9 | | ug/Kg | <MDL | 13 | 17.128 | 26 |
| 0450A | 9/2/2003 | L29367-1 | 2,4-D | | 75.9 | | ug/Kg | <MDL | 2.3 | 3.030 | 5.96 |
| 0450A | 9/2/2003 | L29367-1 | 2,4-DB | | 75.9 | | ug/Kg | <MDL | 1.7 | 2.240 | 5.96 |
| 0450A | 9/2/2003 | L29367-1 | 2,4-Dichlorophenol | | 75.9 | | ug/Kg | <MDL | 16 | 21.080 | 32 |
| 0450A | 9/2/2003 | L29367-1 | 2,4-Dimethylphenol | | 75.9 | | ug/Kg | <MDL | 7 | 9.223 | 14 |
| 0450A | 9/2/2003 | L29367-1 | 2,4-Dinitrotoluene | | 75.9 | | ug/Kg | <MDL | 27 | 35.573 | 53.3 |
| 0450A | 9/2/2003 | L29367-1 | 2,6-Dinitrotoluene | | 75.9 | | ug/Kg | <MDL | 27 | 35.573 | 53.3 |
| 0450A | 9/2/2003 | L29367-1 | 2,4,5-T | | 75.9 | | ug/Kg | <MDL | 2.7 | 3.557 | 8.94 |
| 0450A | 9/2/2003 | L29367-1 | Chromium, Total, ICP | 23.2 | 75.9 | 30.567 | mg/Kg | | 0.25 | 0.329 | 1.23 |
| 0450A | 9/2/2003 | L29367-1 | Bis(2-Chloroethoxy)Methane | | 75.9 | | ug/Kg | <MDL | 17 | 22.398 | 34 |
| 0450A | 9/2/2003 | L29367-1 | Bis(2-Chloroethyl)Ether | | 75.9 | | ug/Kg | <MDL,G | 15 | 19.763 | 30 |
| 0450A | 9/2/2003 | L29367-1 | Bis(2-Chloroisopropyl)Ether | | 75.9 | | ug/Kg | <MDL | 15 | 19.763 | 30 |
| 0450A | 9/2/2003 | L29367-1 | Bis(2-Ethylhexyl)Phthalate | | 75.9 | | ug/Kg | <RDL,B | 291 | 383.399 | 26.7 |
| 0450A | 9/2/2003 | L29367-1 | Cadmium, Extractable, SEM | | 75.9 | | mg/Kg | <MDL | 0.071 | 0.094 | 0.357 |
| 0450A | 9/2/2003 | L29367-1 | Dalapon | | 75.9 | | ug/Kg | <MDL | 1.3 | 1.713 | 5.96 |
| 0450A | 9/2/2003 | L29367-1 | Caffeine | | 75.9 | | ug/Kg | <MDL | 6 | 7.905 | 12 |
| 0450A | 9/2/2003 | L29367-1 | Delta-BHC | | 75.9 | | ug/Kg | <MDL | 0.5 | 0.659 | 1 |
| 0450A | 9/2/2003 | L29367-1 | Chromium, Extractable, SEM | 0.742 | 75.9 | 0.978 | mg/Kg | E | 0.12 | 0.158 | 0.594 |
| 0450A | 9/2/2003 | L29367-1 | Cadmium, Total, ICP | | 75.9 | | mg/Kg | <MDL | 0.15 | 0.198 | 0.736 |
| 0450A | 9/2/2003 | L29367-1 | Chrysene | | 75.9 | | ug/Kg | <MDL | 4 | 5.270 | 8 |
| 0450A | 9/2/2003 | L29367-1 | Clay | | 75.9 | | % | <MDL | 0.1 | 0.132 | 0.1 |
| 0450A | 9/2/2003 | L29367-1 | Copper, Extractable, SEM | 1.21 | 75.9 | 1.594 | mg/Kg | | 0.095 | 0.125 | 0.475 |
| 0450A | 9/2/2003 | L29367-1 | Copper, Total, ICP | 5.07 | 75.9 | 6.680 | mg/Kg | | 0.2 | 0.264 | 0.981 |
| 0450A | 9/2/2003 | L29367-1 | Coprostanol | | 75.9 | | ug/Kg | <MDL | 130 | 171.278 | 267 |
| 0450A | 9/2/2003 | L29367-1 | Aroclor 1221 | | 75.9 | | ug/Kg | <MDL | 2.5 | 3.294 | 5 |
| 0450A | 9/2/2003 | L29367-1 | 2-Methylnaphthalene | | 75.9 | | ug/Kg | <MDL | 14 | 18.445 | 28 |
| 0450A | 9/2/2003 | L29367-1 | Chlorpyrifos | | 75.9 | | ug/Kg | <MDL | 53 | 69.829 | 107 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0450A | 9/2/2003 | L29367-1 | Aroclor 1248 | | 75.9 | | ug/Kg | <MDL | 1.3 | 1.713 | 2.5 |
| 0450A | 9/2/2003 | L29367-1 | Aroclor 1232 | | 75.9 | | ug/Kg | <MDL | 2.5 | 3.294 | 5 |
| 0450A | 9/2/2003 | L29367-1 | Carbazole | | 75.9 | | ug/Kg | <MDL | 7 | 9.223 | 14 |
| 0450A | 9/2/2003 | L29367-1 | Aroclor 1242 | | 75.9 | | ug/Kg | <MDL | 1.3 | 1.713 | 2.5 |
| 0450A | 9/2/2003 | L29367-1 | Beta-BHC | | 75.9 | | ug/Kg | <MDL | 0.5 | 0.659 | 1 |
| 0450A | 9/2/2003 | L29367-1 | Aroclor 1254 | | 75.9 | | ug/Kg | <MDL | 1.3 | 1.713 | 2.5 |
| 0450A | 9/2/2003 | L29367-1 | Di-N-Butyl Phthalate | | 75.9 | | ug/Kg | B | 788 | 1038.208 | 26.7 |
| 0450A | 9/2/2003 | L29367-1 | Aroclor 1260 | | 75.9 | | ug/Kg | <MDL | 1.3 | 1.713 | 2.5 |
| 0450A | 9/2/2003 | L29367-1 | Arsenic, Total, ICP | 2.8 | 75.9 | 3.689 | mg/Kg | <RDL | 2.5 | 3.294 | 12.3 |
| 0450A | 9/2/2003 | L29367-1 | Benzo(a)anthracene | 3 | 75.9 | 3.953 | ug/Kg | <RDL | 2 | 2.635 | 4 |
| 0450A | 9/2/2003 | L29367-1 | Benzyl Alcohol | | 75.9 | | ug/Kg | <MDL | 6 | 7.905 | 12 |
| 0450A | 9/2/2003 | L29367-1 | Benzo(a)pyrene | 3.1 | 75.9 | 4.084 | ug/Kg | <RDL | 3 | 3.953 | 6 |
| 0450A | 9/2/2003 | L29367-1 | Benzyl Butyl Phthalate | | 75.9 | | ug/Kg | <MDL | 13 | 17.128 | 26.7 |
| 0450A | 9/2/2003 | L29367-1 | Benzoic Acid | | 75.9 | | ug/Kg | <MDL | 27 | 35.573 | 53.3 |
| 0450A | 9/2/2003 | L29367-1 | Benzo(k)fluoranthene | 3.9 | 75.9 | 5.138 | ug/Kg | <RDL | 3 | 3.953 | 6 |
| 0450A | 9/2/2003 | L29367-1 | Benzo(g,h,i)perylene | | 75.9 | | ug/Kg | <MDL | 8 | 10.540 | 16 |
| 0450A | 9/2/2003 | L29367-1 | Benzo(b)fluoranthene | 4.5 | 75.9 | 5.929 | ug/Kg | <RDL | 3 | 3.953 | 6 |
| 0450A | 9/2/2003 | L29367-1 | Beryllium, Total, ICP | 0.13 | 75.9 | 0.171 | mg/Kg | <RDL | 0.049 | 0.065 | 0.245 |
| 0450C | 10/17/2001 | L22024-7 | Malathion | | 72 | | ug/Kg | <MDL | 53 | 73.611 | 100 |
| 0450C | 10/17/2001 | L22024-7 | Nickel, Total, ICP | 14.5 | 72 | 20.139 | mg/Kg | | 0.99 | 1.375 | 4.93 |
| 0450C | 10/17/2001 | L22024-7 | N-Nitrosodi-N-Propylamine | | 72 | | ug/Kg | <MDL | 9 | 12.500 | 18 |
| 0450C | 10/17/2001 | L22024-7 | Manganese, Total, ICP | 272 | 72 | 377.778 | mg/Kg | | 0.099 | 0.138 | 0.493 |
| 0450C | 10/17/2001 | L22024-7 | Mercury, Extractable, SEM | | 72 | | mg/Kg | <MDL | 0.011 | 0.015 | 0.0328 |
| 0450C | 10/17/2001 | L22024-7 | MCPP | | 72 | | ug/Kg | <MDL | 1.8 | 2.500 | 6.5 |
| 0450C | 10/17/2001 | L22024-7 | Mercury, Total, CVAA | | 72 | | mg/Kg | <MDL | 0.02 | 0.028 | 0.198 |
| 0450C | 10/17/2001 | L22024-7 | Methoxychlor | | 72 | | ug/Kg | <MDL | 5 | 6.944 | 10 |
| 0450C | 10/17/2001 | L22024-7 | Mono-n-Butyltin (as monobutyltin io | 2.5 | 72 | 3.472 | ug/Kg | <RDL | 1.7 | 2.361 | 3.37 |
| 0450C | 10/17/2001 | L22024-7 | N-Nitrosodimethylamine | | 72 | | ug/Kg | <MDL,X | 20 | 27.778 | 40 |
| 0450C | 10/17/2001 | L22024-7 | N-Nitrosodiphenylamine | | 72 | | ug/Kg | <MDL | 20 | 27.778 | 40 |
| 0450C | 10/17/2001 | L22024-7 | Parathion-Ethyl | | 72 | | ug/Kg | <MDL | 53 | 73.611 | 100 |
| 0450C | 10/17/2001 | L22024-7 | Nickel, Extractable, SEM | 6.12 | 72 | 8.500 | mg/Kg | E | 0.99 | 1.375 | 4.97 |
| 0450C | 10/17/2001 | L22024-7 | Nitrobenzene | | 72 | | ug/Kg | <MDL,G | 16 | 22.222 | 32 |
| 0450C | 10/17/2001 | L22024-7 | Parathion-Methyl | | 72 | | ug/Kg | <MDL | 53 | 73.611 | 100 |
| 0450C | 10/17/2001 | L22024-7 | Pentachlorophenol | | 72 | | ug/Kg | <MDL | 5 | 6.944 | 10 |
| 0450C | 10/17/2001 | L22024-7 | MCPA | | 72 | | ug/Kg | <MDL | 0.98 | 1.361 | 6.5 |
| 0450C | 10/17/2001 | L22024-7 | Naphthalene | | 72 | | ug/Kg | <MDL,G | 14 | 19.444 | 28 |
| 0450C | 10/17/2001 | L22024-7 | Heptachlor | | 72 | | ug/Kg | <MDL | 0.5 | 0.694 | 1 |
| 0450C | 10/17/2001 | L22024-7 | Endrin | | 72 | | ug/Kg | <MDL | 1 | 1.389 | 2 |
| 0450C | 10/17/2001 | L22024-7 | Endosulfan Sulfate | | 72 | | ug/Kg | <MDL | 1 | 1.389 | 2 |
| 0450C | 10/17/2001 | L22024-7 | 2,4,5-Trichlorophenol | | 72 | | ug/Kg | <MDL | 12 | 16.667 | 24 |
| 0450C | 10/17/2001 | L22024-7 | Endrin Aldehyde | | 72 | | ug/Kg | <MDL,G | 2 | 2.778 | 4 |
| 0450C | 10/17/2001 | L22024-7 | Fluoranthene | 63.5 | 72 | 88.194 | ug/Kg | L | 8 | 11.111 | 16 |
| 0450C | 10/17/2001 | L22024-7 | Fluorene | | 72 | | ug/Kg | <MDL | 13 | 18.056 | 26 |
| 0450C | 10/17/2001 | L22024-7 | Gamma-BHC (Lindane) | | 72 | | ug/Kg | <MDL | 0.5 | 0.694 | 1 |
| 0450C | 10/17/2001 | L22024-7 | Extractable Phosphorus | 14 | 72 | 19.444 | mg/Kg | | 0.2 | 0.278 | 0.5 |
| 0450C | 10/17/2001 | L22024-7 | Gravel | 3.7 | 72 | 5.139 | % | | 0.1 | 0.139 | 0.1 |
| 0450C | 10/17/2001 | L22024-7 | Lube Oil Range ( >C24) | | 72 | | mg/Kg | <MDL | 100 | 138.889 | 100 |
| 0450C | 10/17/2001 | L22024-7 | Heptachlor Epoxide | | 72 | | ug/Kg | <MDL | 0.5 | 0.694 | 1 |
| 0450C | 10/17/2001 | L22024-7 | Hexachlorobenzene | | 72 | | ug/Kg | <MDL | 0.66 | 0.917 | 1.33 |
| 0450C | 10/17/2001 | L22024-7 | Hexachlorobutadiene | | 72 | | ug/Kg | <MDL,G | 0.75 | 1.042 | 1.5 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0450C | 10/17/2001 | L22024-7 | Hexachloroethane | | 72 | | ug/Kg | <MDL,G | 15 | 20.833 | 30 |
| 0450C | 10/17/2001 | L22024-7 | Indeno(1,2,3-Cd)Pyrene | 19.7 | 72 | 27.361 | ug/Kg | G | 9 | 12.500 | 18 |
| 0450C | 10/17/2001 | L22024-7 | Isophorone | | 72 | | ug/Kg | <MDL | 19 | 26.389 | 38 |
| 0450C | 10/17/2001 | L22024-7 | Lead, Extractable, SEM | 4.9 | 72 | 6.806 | mg/Kg | <RDL | 1.5 | 2.083 | 7.45 |
| 0450C | 10/17/2001 | L22024-7 | Lead, Total, ICP | 4.1 | 72 | 5.694 | mg/Kg | <RDL | 1.5 | 2.083 | 7.39 |
| 0450C | 10/17/2001 | L22024-7 | Gasoline Range (C7 Thru C12) | | 72 | | mg/Kg | <MDL | 20 | 27.778 | 20 |
| 0450C | 10/17/2001 | L22024-7 | 1,2,4-Trichlorobenzene | | 72 | | ug/Kg | <MDL,G | 0.26 | 0.361 | 0.53 |
| 0450C | 10/17/2001 | L22024-7 | Toxaphene | | 72 | | ug/Kg | <MDL | 10 | 13.889 | 20 |
| 0450C | 10/17/2001 | L22024-7 | Tri-n-Butyltin (as tributyltin ion) | | 72 | | ug/Kg | <MDL,E | 0.21 | 0.292 | 0.415 |
| 0450C | 10/17/2001 | L22024-7 | Zinc, Extractable, SEM | 28.2 | 72 | 39.167 | mg/Kg | B,E | 7.5 | 10.417 | 1.24 |
| 0450C | 10/17/2001 | L22024-7 | Zinc, Total, ICP | 27.1 | 72 | 37.639 | mg/Kg | | 0.25 | 0.347 | 1.23 |
| 0450C | 10/17/2001 | L22024-7 | 2,4,5-T | | 72 | | ug/Kg | <MDL | 1.4 | 1.944 | 6.5 |
| 0450C | 10/17/2001 | L22024-7 | 1,4-Dichlorobenzene | | 72 | | ug/Kg | <MDL,G | 0.13 | 0.181 | 0.264 |
| 0450C | 10/17/2001 | L22024-7 | 1,3-Dichlorobenzene | | 72 | | ug/Kg | <MDL,G | 0.26 | 0.361 | 0.53 |
| 0450C | 10/17/2001 | L22024-7 | 1,2-Dichlorobenzene | | 72 | | ug/Kg | <MDL,G | 0.26 | 0.361 | 0.53 |
| 0450C | 10/17/2001 | L22024-7 | Total Phosphorus | 424 | 72 | 588.889 | mg/Kg | | 6.3 | 8.750 | 12.5 |
| 0450C | 10/17/2001 | L22024-7 | Endosulfan II | | 72 | | ug/Kg | <MDL | 1 | 1.389 | 2 |
| 0450C | 10/17/2001 | L22024-7 | Benzoic Acid | 124 | 72 | 172.222 | ug/Kg | G | 6 | 8.333 | 12 |
| 0450C | 10/17/2001 | L22024-7 | 1,2-Diphenylhydrazine | | 72 | | ug/Kg | <MDL | 10 | 13.889 | 20 |
| 0450C | 10/17/2001 | L22024-7 | Sediment Sampling Range | | 72 | | none | | | | |
| 0450C | 10/17/2001 | L22024-7 | 2,4,5-TP (Silvex) | | 72 | | ug/Kg | <MDL | 2.1 | 2.917 | 6.5 |
| 0450C | 10/17/2001 | L22024-7 | Phenol | | 72 | | ug/Kg | <MDL | 9 | 12.500 | 18 |
| 0450C | 10/17/2001 | L22024-7 | Phorate | | 72 | | ug/Kg | <MDL | 33 | 45.833 | 66.7 |
| 0450C | 10/17/2001 | L22024-7 | Pyrene | 65.6 | 72 | 91.111 | ug/Kg | L | 4 | 5.556 | 8 |
| 0450C | 10/17/2001 | L22024-7 | Sample Depth | 1.2 | 72 | 1.667 | m | | | | |
| 0450C | 10/17/2001 | L22024-7 | Sample Description | | 72 | | none | | | | |
| 0450C | 10/17/2001 | L22024-7 | Sample Function | | 72 | | none | | | | |
| 0450C | 10/17/2001 | L22024-7 | Sampling Method | | 72 | | none | | | | |
| 0450C | 10/17/2001 | L22024-7 | Total Sulfide | 7.3 | 72 | 10.139 | mg/Kg | | 3 | 4.167 | 3 |
| 0450C | 10/17/2001 | L22024-7 | Sediment Sampling Depth | | 72 | | cm | | | | |
| 0450C | 10/17/2001 | L22024-7 | Total Solids | 72 | 72 | 100.000 | % | | 0.005 | 0.007 | 0.01 |
| 0450C | 10/17/2001 | L22024-7 | Sediment Type | | 72 | | none | | | | |
| 0450C | 10/17/2001 | L22024-7 | Selenium, Total, ICP | | 72 | | mg/Kg | <MDL | 2.5 | 3.472 | 12.3 |
| 0450C | 10/17/2001 | L22024-7 | Silt | 3.3 | 72 | 4.583 | % | | 0.1 | 0.139 | 0.1 |
| 0450C | 10/17/2001 | L22024-7 | Silver, Total, ICP | | 72 | | mg/Kg | <MDL | 0.2 | 0.278 | 0.985 |
| 0450C | 10/17/2001 | L22024-7 | Tetra-n-Butyltin (as tetrabutyltin) | | 72 | | ug/Kg | <MDL | 0.4 | 0.556 | 0.801 |
| 0450C | 10/17/2001 | L22024-7 | Thallium, Total, ICP | | 72 | | mg/Kg | <MDL | 9.9 | 13.750 | 49.3 |
| 0450C | 10/17/2001 | L22024-7 | Total Organic Carbon | 5800 | 72 | 8055.556 | mg/Kg | | 600 | 833.333 | 1200 |
| 0450C | 10/17/2001 | L22024-7 | Phenanthrene | 42.6 | 72 | 59.167 | ug/Kg | | 4 | 5.556 | 8 |
| 0450C | 10/17/2001 | L22024-7 | Sand | 93.1 | 72 | 129.306 | % | | 0.1 | 0.139 | 0.1 |
| 0450C | 10/17/2001 | L22024-7 | Aroclor 1016 | | 72 | | ug/Kg | <MDL | 1.3 | 1.806 | 2.5 |
| 0450C | 10/17/2001 | L22024-7 | Benzo(a)pyrene | | 72 | | ug/Kg | B | 86.4 | 120.000 | 6 |
| 0450C | 10/17/2001 | L22024-7 | Acenaphthylene | | 72 | | ug/Kg | <MDL | 15 | 20.833 | 30 |
| 0450C | 10/17/2001 | L22024-7 | Acid Volatile Sulfides | | 72 | | mg/Kg | <MDL,E | 1 | 1.389 | 1 |
| 0450C | 10/17/2001 | L22024-7 | Aldrin | | 72 | | ug/Kg | <MDL | 1 | 1.389 | 2 |
| 0450C | 10/17/2001 | L22024-7 | Alpha-BHC | | 72 | | ug/Kg | <MDL | 0.5 | 0.694 | 1 |
| 0450C | 10/17/2001 | L22024-7 | Ammonia Nitrogen | 4.48 | 72 | 6.222 | mg/Kg | | 0.1 | 0.139 | 0.2 |
| 0450C | 10/17/2001 | L22024-7 | Aniline | | 72 | | ug/Kg | <MDL,X | 19 | 26.389 | 38 |
| 0450C | 10/17/2001 | L22024-7 | 4-Methylphenol | | 72 | | ug/Kg | <MDL | 16 | 22.222 | 32 |
| 0450C | 10/17/2001 | L22024-7 | Antimony, Total, ICP | | 72 | | mg/Kg | <MDL,G | 1.5 | 2.083 | 7.39 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0450C | 10/17/2001 | L22024-7 | 4-Chlorophenyl Phenyl Ether | | 72 | | ug/Kg | <MDL | 13 | 18.056 | 26 |
| 0450C | 10/17/2001 | L22024-7 | Aroclor 1221 | | 72 | | ug/Kg | <MDL | 2.5 | 3.472 | 5 |
| 0450C | 10/17/2001 | L22024-7 | Aroclor 1232 | | 72 | | ug/Kg | <MDL | 2.5 | 3.472 | 5 |
| 0450C | 10/17/2001 | L22024-7 | Aroclor 1242 | | 72 | | ug/Kg | <MDL | 1.3 | 1.806 | 2.5 |
| 0450C | 10/17/2001 | L22024-7 | Aroclor 1248 | | 72 | | ug/Kg | <MDL | 1.3 | 1.806 | 2.5 |
| 0450C | 10/17/2001 | L22024-7 | Aroclor 1254 | | 72 | | ug/Kg | <MDL | 1.3 | 1.806 | 2.5 |
| 0450C | 10/17/2001 | L22024-7 | Aroclor 1260 | | 72 | | ug/Kg | <MDL | 1.3 | 1.806 | 2.5 |
| 0450C | 10/17/2001 | L22024-7 | Arsenic, Total, ICP | 14.9 | 72 | 20.694 | mg/Kg | | 2.5 | 3.472 | 12.3 |
| 0450C | 10/17/2001 | L22024-7 | Benzyl Butyl Phthalate | 12 | 72 | 16.667 | ug/Kg | RDL | 6 | 8.333 | 12 |
| 0450C | 10/17/2001 | L22024-7 | Anthracene | 12 | 72 | 16.667 | ug/Kg | G,E | 4 | 5.556 | 8 |
| 0450C | 10/17/2001 | L22024-7 | 2-Chloronaphthalene | | 72 | | ug/Kg | <MDL | 16 | 22.222 | 32 |
| 0450C | 10/17/2001 | L22024-7 | 2,4-Dimethylphenol | | 72 | | ug/Kg | <MDL | 7 | 9.722 | 14 |
| 0450C | 10/17/2001 | L22024-7 | 2,4-Dichlorophenol | | 72 | | ug/Kg | <MDL | 16 | 22.222 | 32 |
| 0450C | 10/17/2001 | L22024-7 | 2,4-DB | | 72 | | ug/Kg | <MDL | 0.91 | 1.264 | 6.5 |
| 0450C | 10/17/2001 | L22024-7 | 2,4-D | | 72 | | ug/Kg | <MDL | 0.54 | 0.750 | 6.5 |
| 0450C | 10/17/2001 | L22024-7 | 2,4,6-Trichlorophenol | | 72 | | ug/Kg | <MDL | 13 | 18.056 | 26 |
| 0450C | 10/17/2001 | L22024-7 | Acenaphthene | | 72 | | ug/Kg | <MDL | 7 | 9.722 | 14 |
| 0450C | 10/17/2001 | L22024-7 | 2,6-Dinitrotoluene | | 72 | | ug/Kg | <MDL | 10 | 13.889 | 20 |
| 0450C | 10/17/2001 | L22024-7 | Benzo(b)fluoranthene | 27.3 | 72 | 37.917 | ug/Kg | | 3 | 4.167 | 6 |
| 0450C | 10/17/2001 | L22024-7 | 2-Chlorophenol | | 72 | | ug/Kg | <MDL,G | 8 | 11.111 | 16 |
| 0450C | 10/17/2001 | L22024-7 | 2-Methylnaphthalene | | 72 | | ug/Kg | <MDL | 14 | 19.444 | 28 |
| 0450C | 10/17/2001 | L22024-7 | 2-Methylphenol | | 72 | | ug/Kg | <MDL | 19 | 26.389 | 38 |
| 0450C | 10/17/2001 | L22024-7 | 2-Nitrophenol | | 72 | | ug/Kg | <MDL | 15 | 20.833 | 30 |
| 0450C | 10/17/2001 | L22024-7 | 4,4'-DDD | | 72 | | ug/Kg | <MDL | 1 | 1.389 | 2 |
| 0450C | 10/17/2001 | L22024-7 | 4,4'-DDE | | 72 | | ug/Kg | <MDL | 1 | 1.389 | 2 |
| 0450C | 10/17/2001 | L22024-7 | 4,4'-DDT | | 72 | | ug/Kg | <MDL | 1 | 1.389 | 2 |
| 0450C | 10/17/2001 | L22024-7 | 4-Bromophenyl Phenyl Ether | | 72 | | ug/Kg | <MDL | 9 | 12.500 | 18 |
| 0450C | 10/17/2001 | L22024-7 | 2,4-Dinitrotoluene | | 72 | | ug/Kg | <MDL | 3 | 4.167 | 6 |
| 0450C | 10/17/2001 | L22024-7 | Dibenzofuran | | 72 | | ug/Kg | <MDL | 14 | 19.444 | 28 |
| 0450C | 10/17/2001 | L22024-7 | Benzo(a)anthracene | 26.9 | 72 | 37.361 | ug/Kg | | 2 | 2.778 | 4 |
| 0450C | 10/17/2001 | L22024-7 | Coprostanol | | 72 | | ug/Kg | <MDL | 14 | 19.444 | 28 |
| 0450C | 10/17/2001 | L22024-7 | Dalapon | | 72 | | ug/Kg | <MDL | 2 | 2.778 | 6.5 |
| 0450C | 10/17/2001 | L22024-7 | Delta-BHC | | 72 | | ug/Kg | <MDL | 0.5 | 0.694 | 1 |
| 0450C | 10/17/2001 | L22024-7 | Di-N-Butyl Phthalate | | 72 | | ug/Kg | <MDL,B | 5 | 6.944 | 10 |
| 0450C | 10/17/2001 | L22024-7 | Di-N-Octyl Phthalate | | 72 | | ug/Kg | <MDL | 8 | 11.111 | 16 |
| 0450C | 10/17/2001 | L22024-7 | Di-n-Butyltin (as dibutyltin ion) | 0.49 | 72 | 0.681 | ug/Kg | <RDL,E | 0.35 | 0.486 | 0.7 |
| 0450C | 10/17/2001 | L22024-7 | Copper, Extractable, SEM | 2.66 | 72 | 3.694 | mg/Kg | E | 0.2 | 0.278 | 0.994 |
| 0450C | 10/17/2001 | L22024-7 | Dibenzo(a,h)anthracene | | 72 | | ug/Kg | B,L | 110 | 152.778 | 14 |
| 0450C | 10/17/2001 | L22024-7 | Clay | | 72 | | % | <MDL | 0.1 | 0.139 | 0.1 |
| 0450C | 10/17/2001 | L22024-7 | Dicamba | | 72 | | ug/Kg | <MDL | 1.6 | 2.222 | 6.5 |
| 0450C | 10/17/2001 | L22024-7 | Dichloroprop | | 72 | | ug/Kg | <MDL | 0.69 | 0.958 | 6.5 |
| 0450C | 10/17/2001 | L22024-7 | Dieldrin | | 72 | | ug/Kg | <MDL | 1 | 1.389 | 2 |
| 0450C | 10/17/2001 | L22024-7 | Diesel Range (>C12 Thru C24) | | 72 | | mg/Kg | <MDL | 50 | 69.444 | 50 |
| 0450C | 10/17/2001 | L22024-7 | Diethyl Phthalate | | 72 | | ug/Kg | <MDL | 6 | 8.333 | 12 |
| 0450C | 10/17/2001 | L22024-7 | Dimethyl Phthalate | | 72 | | ug/Kg | <MDL | 11 | 15.278 | 22 |
| 0450C | 10/17/2001 | L22024-7 | Dinoseb | | 72 | | ug/Kg | <MDL | 0.54 | 0.750 | 6.5 |
| 0450C | 10/17/2001 | L22024-7 | Disulfoton | | 72 | | ug/Kg | <MDL | 20 | 27.778 | 33.3 |
| 0450C | 10/17/2001 | L22024-7 | Diazinon | | 72 | | ug/Kg | <MDL | 20 | 27.778 | 33.3 |
| 0450C | 10/17/2001 | L22024-7 | Cadmium, Extractable, SEM | | 72 | | mg/Kg | <MDL | 0.15 | 0.208 | 0.745 |
| 0450C | 10/17/2001 | L22024-7 | Benzo(g,h,i)perylene | | 72 | | ug/Kg | <MDL | 8 | 11.111 | 16 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0450C | 10/17/2001 | L22024-7 | Benzo(k)fluoranthene | | 72 | | ug/Kg | B | 33 | 45.833 | 6 |
| 0450C | 10/17/2001 | L22024-7 | Benzyl Alcohol | | 72 | | ug/Kg | <MDL,G | 6 | 8.333 | 12 |
| 0450C | 10/17/2001 | L22024-7 | Beryllium, Total, ICP | 0.12 | 72 | 0.167 | mg/Kg | <RDL | 0.049 | 0.068 | 0.246 |
| 0450C | 10/17/2001 | L22024-7 | Beta-BHC | | 72 | | ug/Kg | <MDL | 0.5 | 0.694 | 1 |
| 0450C | 10/17/2001 | L22024-7 | Bis(2-Chloroethoxy)Methane | | 72 | | ug/Kg | <MDL | 17 | 23.611 | 34 |
| 0450C | 10/17/2001 | L22024-7 | Bis(2-Chloroethyl)Ether | | 72 | | ug/Kg | <MDL,G | 15 | 20.833 | 30 |
| 0450C | 10/17/2001 | L22024-7 | Copper, Total, ICP | 4.98 | 72 | 6.917 | mg/Kg | | 0.2 | 0.278 | 0.985 |
| 0450C | 10/17/2001 | L22024-7 | Bis(2-Ethylhexyl)Phthalate | | 72 | | ug/Kg | B,L | 160 | 222.222 | 14 |
| 0450C | 10/17/2001 | L22024-7 | Endosulfan I | | 72 | | ug/Kg | <MDL | 1 | 1.389 | 2 |
| 0450C | 10/17/2001 | L22024-7 | Cadmium, Total, ICP | | 72 | | mg/Kg | <MDL | 0.15 | 0.208 | 0.739 |
| 0450C | 10/17/2001 | L22024-7 | Caffeine | | 72 | | ug/Kg | <MDL | 6 | 8.333 | 12 |
| 0450C | 10/17/2001 | L22024-7 | Carbazole | 7.8 | 72 | 10.833 | ug/Kg | <RDL | 7 | 9.722 | 14 |
| 0450C | 10/17/2001 | L22024-7 | Chlordane | | 72 | | ug/Kg | <MDL | 0.5 | 0.694 | 1 |
| 0450C | 10/17/2001 | L22024-7 | Chlorpyrifos | | 72 | | ug/Kg | <MDL | 33 | 45.833 | 66.7 |
| 0450C | 10/17/2001 | L22024-7 | Chromium, Extractable, SEM | 4.21 | 72 | 5.847 | mg/Kg | E | 0.25 | 0.347 | 1.24 |
| 0450C | 10/17/2001 | L22024-7 | Chromium, Total, ICP | 22.2 | 72 | 30.833 | mg/Kg | | 0.25 | 0.347 | 1.23 |
| 0450C | 10/17/2001 | L22024-7 | Chrysene | 33.1 | 72 | 45.972 | ug/Kg | | 4 | 5.556 | 8 |
| 0450C | 10/17/2001 | L22024-7 | Bis(2-Chloroisopropyl)Ether | | 72 | | ug/Kg | <MDL | 15 | 20.833 | 30 |
| 0450C | 10/17/2001 | L22024-7 | p+4.00 | 3.4 | 72 | 4.722 | % | | 0.1 | 0.139 | 0.1 |
| 0450C | 10/17/2001 | L22024-7 | p+0.00 | 9.2 | 72 | 12.778 | % | | 0.1 | 0.139 | 0.1 |
| 0450C | 10/17/2001 | L22024-7 | p+1.00 | 45.6 | 72 | 63.333 | % | | 0.1 | 0.139 | 0.1 |
| 0450C | 10/17/2001 | L22024-7 | p+10.0 | | 72 | | % | <MDL | 0.1 | 0.139 | 0.1 |
| 0450C | 10/17/2001 | L22024-7 | p+10.0(more than) | | 72 | | % | <MDL | 0.1 | 0.139 | 0.1 |
| 0450C | 10/17/2001 | L22024-7 | p+3.00 | 3.5 | 72 | 4.861 | % | | 0.1 | 0.139 | 0.1 |
| 0450C | 10/17/2001 | L22024-7 | p+5.00 | 1 | 72 | 1.389 | % | | 0.1 | 0.139 | 0.1 |
| 0450C | 10/17/2001 | L22024-7 | p+6.00 | 0.5 | 72 | 0.694 | % | | 0.1 | 0.139 | 0.1 |
| 0450C | 10/17/2001 | L22024-7 | p+7.00 | 1.5 | 72 | 2.083 | % | | 0.1 | 0.139 | 0.1 |
| 0450C | 10/17/2001 | L22024-7 | p+8.00 | 0.3 | 72 | 0.417 | % | | 0.1 | 0.139 | 0.1 |
| 0450C | 10/17/2001 | L22024-7 | p+9.00 | | 72 | | % | <MDL | 0.1 | 0.139 | 0.1 |
| 0450C | 10/17/2001 | L22024-7 | p-1.00 | 2.3 | 72 | 3.194 | % | | 0.1 | 0.139 | 0.1 |
| 0450C | 10/17/2001 | L22024-7 | p-2.00 | 0.2 | 72 | 0.278 | % | | 0.1 | 0.139 | 0.1 |
| 0450C | 10/17/2001 | L22024-7 | p-2.00(less than) | 1.2 | 72 | 1.667 | % | | 0.1 | 0.139 | 0.1 |
| 0450C | 10/17/2001 | L22024-7 | p+2.00 | 31.4 | 72 | 43.611 | % | | 0.1 | 0.139 | 0.1 |
| 0450C | 8/27/2003 | L29367-8 | p+7.00 | 0.8 | 82 | 0.976 | % | | 0.1 | 0.122 | 0.1 |
| 0450C | 8/27/2003 | L29367-8 | p+9.00 | 0.6 | 82 | 0.732 | % | | 0.1 | 0.122 | 0.1 |
| 0450C | 8/27/2003 | L29367-8 | p-2.00(less than) | 40.4 | 82 | 49.268 | % | | 0.1 | 0.122 | 0.1 |
| 0450C | 8/27/2003 | L29367-8 | p-2.00 | 2 | 82 | 2.439 | % | | 0.1 | 0.122 | 0.1 |
| 0450C | 8/27/2003 | L29367-8 | p-1.00 | 6.7 | 82 | 8.171 | % | | 0.1 | 0.122 | 0.1 |
| 0450C | 8/27/2003 | L29367-8 | p+8.00 | 1.5 | 82 | 1.829 | % | | 0.1 | 0.122 | 0.1 |
| 0450C | 8/27/2003 | L29367-8 | p+6.00 | 0.4 | 82 | 0.488 | % | | 0.1 | 0.122 | 0.1 |
| 0450C | 8/27/2003 | L29367-8 | p+5.00 | | 82 | | % | <MDL | 0.1 | 0.122 | 0.1 |
| 0450C | 8/27/2003 | L29367-8 | Di-N-Butyl Phthalate | | 82 | | ug/Kg | B | 788 | 960.976 | 26.7 |
| 0450C | 8/27/2003 | L29367-8 | p+4.00 | 3.6 | 82 | 4.390 | % | | 0.1 | 0.122 | 0.1 |
| 0450C | 8/27/2003 | L29367-8 | Antimony, Total, ICP | | 82 | | mg/Kg | <MDL | 1.4 | 1.707 | 7.19 |
| 0450C | 8/27/2003 | L29367-8 | Acenaphthene | | 82 | | ug/Kg | <MDL | 7 | 8.537 | 14 |
| 0450C | 8/27/2003 | L29367-8 | Benzo(a)anthracene | 26.9 | 82 | 32.805 | ug/Kg | | 2 | 2.439 | 4 |
| 0450C | 8/27/2003 | L29367-8 | Arsenic, Total, ICP | | 82 | | mg/Kg | <MDL | 2.4 | 2.927 | 12 |
| 0450C | 8/27/2003 | L29367-8 | Aroclor 1260 | | 82 | | ug/Kg | <MDL | 1.3 | 1.585 | 2.5 |
| 0450C | 8/27/2003 | L29367-8 | Aroclor 1254 | | 82 | | ug/Kg | <MDL | 1.3 | 1.585 | 2.5 |
| 0450C | 8/27/2003 | L29367-8 | Aroclor 1248 | | 82 | | ug/Kg | <MDL | 1.3 | 1.585 | 2.5 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0450C | 8/27/2003 | L29367-8 | Aroclor 1242 | | 82 | | ug/Kg | <MDL | 1.3 | 1.585 | 2.5 |
| 0450C | 8/27/2003 | L29367-8 | Aroclor 1232 | | 82 | | ug/Kg | <MDL | 2.5 | 3.049 | 5 |
| 0450C | 8/27/2003 | L29367-8 | Benzo(b)fluoranthene | 24.5 | 82 | 29.878 | ug/Kg | | 3 | 3.659 | 6 |
| 0450C | 8/27/2003 | L29367-8 | Aroclor 1016 | | 82 | | ug/Kg | <MDL | 1.3 | 1.585 | 2.5 |
| 0450C | 8/27/2003 | L29367-8 | Benzo(g,h,i)perylene | 9.5 | 82 | 11.585 | ug/Kg | <RDL | 8 | 9.756 | 16 |
| 0450C | 8/27/2003 | L29367-8 | Anthracene | | 82 | | ug/Kg | <MDL,G | 4 | 4.878 | 8 |
| 0450C | 8/27/2003 | L29367-8 | Aniline | | 82 | | ug/Kg | <MDL,X | 19 | 23.171 | 38 |
| 0450C | 8/27/2003 | L29367-8 | p+3.00 | 15.8 | 82 | 19.268 | % | | 0.1 | 0.122 | 0.1 |
| 0450C | 8/27/2003 | L29367-8 | Alpha-Chlordane | | 82 | | ug/Kg | <MDL,L | 0.5 | 0.610 | 1 |
| 0450C | 8/27/2003 | L29367-8 | Diazinon | | 82 | | ug/Kg | <MDL | 32 | 39.024 | 53.3 |
| 0450C | 8/27/2003 | L29367-8 | Aldrin | | 82 | | ug/Kg | <MDL | 1 | 1.220 | 2 |
| 0450C | 8/27/2003 | L29367-8 | Acid Volatile Sulfides | | 82 | | mg/Kg | <MDL | 1 | 1.220 | 1 |
| 0450C | 8/27/2003 | L29367-8 | Copper, Extractable, SEM | 1.03 | 82 | 1.256 | mg/Kg | | 0.03 | 0.037 | 0.15 |
| 0450C | 8/27/2003 | L29367-8 | Aroclor 1221 | | 82 | | ug/Kg | <MDL | 2.5 | 3.049 | 5 |
| 0450C | 8/27/2003 | L29367-8 | Bis(2-Chloroisopropyl)Ether | | 82 | | ug/Kg | <MDL | 15 | 18.293 | 30 |
| 0450C | 8/27/2003 | L29367-8 | Clay | 0.9 | 82 | 1.098 | % | E | 0.1 | 0.122 | 0.1 |
| 0450C | 8/27/2003 | L29367-8 | Chrysene | 35.3 | 82 | 43.049 | ug/Kg | | 4 | 4.878 | 8 |
| 0450C | 8/27/2003 | L29367-8 | Chromium, Total, ICP | 19.9 | 82 | 24.268 | mg/Kg | | 0.24 | 0.293 | 1.2 |
| 0450C | 8/27/2003 | L29367-8 | Chromium, Extractable, SEM | 0.552 | 82 | 0.673 | mg/Kg | | 0.037 | 0.045 | 0.187 |
| 0450C | 8/27/2003 | L29367-8 | Chlorpyrifos | | 82 | | ug/Kg | <MDL | 53 | 64.634 | 107 |
| 0450C | 8/27/2003 | L29367-8 | Carbazole | | 82 | | ug/Kg | <MDL | 7 | 8.537 | 14 |
| 0450C | 8/27/2003 | L29367-8 | Caffeine | | 82 | | ug/Kg | <MDL | 6 | 7.317 | 12 |
| 0450C | 8/27/2003 | L29367-8 | Cadmium, Total, ICP | | 82 | | mg/Kg | <MDL | 0.14 | 0.171 | 0.719 |
| 0450C | 8/27/2003 | L29367-8 | Benzo(a)pyrene | 17.7 | 82 | 21.585 | ug/Kg | | 3 | 3.659 | 6 |
| 0450C | 8/27/2003 | L29367-8 | Bis(2-Ethylhexyl)Phthalate | | 82 | | ug/Kg | B | 291 | 354.878 | 26.7 |
| 0450C | 8/27/2003 | L29367-8 | 4-Methylphenol | | 82 | | ug/Kg | <MDL | 16 | 19.512 | 32 |
| 0450C | 8/27/2003 | L29367-8 | Bis(2-Chloroethyl)Ether | | 82 | | ug/Kg | <MDL,G | 15 | 18.293 | 30 |
| 0450C | 8/27/2003 | L29367-8 | Bis(2-Chloroethoxy)Methane | | 82 | | ug/Kg | <MDL | 17 | 20.732 | 34 |
| 0450C | 8/27/2003 | L29367-8 | Beta-BHC | | 82 | | ug/Kg | <MDL | 0.5 | 0.610 | 1 |
| 0450C | 8/27/2003 | L29367-8 | Beryllium, Total, ICP | 0.23 | 82 | 0.280 | mg/Kg | <RDL | 0.048 | 0.059 | 0.24 |
| 0450C | 8/27/2003 | L29367-8 | Benzyl Butyl Phthalate | | 82 | | ug/Kg | <MDL | 13 | 15.854 | 26.7 |
| 0450C | 8/27/2003 | L29367-8 | Benzyl Alcohol | | 82 | | ug/Kg | <MDL | 6 | 7.317 | 12 |
| 0450C | 8/27/2003 | L29367-8 | Benzoic Acid | | 82 | | ug/Kg | <MDL | 27 | 32.927 | 53.3 |
| 0450C | 8/27/2003 | L29367-8 | Benzo(k)fluoranthene | 22.1 | 82 | 26.951 | ug/Kg | | 3 | 3.659 | 6 |
| 0450C | 8/27/2003 | L29367-8 | Cadmium, Extractable, SEM | | 82 | | mg/Kg | <MDL | 0.022 | 0.027 | 0.112 |
| 0450C | 8/27/2003 | L29367-8 | Acenaphthylene | | 82 | | ug/Kg | <MDL | 15 | 18.293 | 30 |
| 0450C | 8/27/2003 | L29367-8 | 1,2-Diphenylhydrazine | | 82 | | ug/Kg | <MDL | 10 | 12.195 | 20 |
| 0450C | 8/27/2003 | L29367-8 | 1,2-Dichlorobenzene | | 82 | | ug/Kg | <MDL,G | 1.3 | 1.585 | 2.67 |
| 0450C | 8/27/2003 | L29367-8 | 1,2,4-Trichlorobenzene | | 82 | | ug/Kg | <MDL,G | 0.26 | 0.317 | 0.53 |
| 0450C | 8/27/2003 | L29367-8 | 1,4-Dichlorobenzene | | 82 | | ug/Kg | <MDL,G | 1.3 | 1.585 | 2.67 |
| 0450C | 8/27/2003 | L29367-8 | 2,4,5-T | | 82 | | ug/Kg | <MDL | 2.7 | 3.293 | 8.74 |
| 0450C | 8/27/2003 | L29367-8 | 2,6-Dinitrotoluene | | 82 | | ug/Kg | <MDL | 27 | 32.927 | 53.3 |
| 0450C | 8/27/2003 | L29367-8 | 4-Chlorophenyl Phenyl Ether | | 82 | | ug/Kg | <MDL | 13 | 15.854 | 26 |
| 0450C | 8/27/2003 | L29367-8 | 4-Bromophenyl Phenyl Ether | | 82 | | ug/Kg | <MDL | 9 | 10.976 | 18 |
| 0450C | 8/27/2003 | L29367-8 | 4,4'-DDT | | 82 | | ug/Kg | <MDL,L | 1 | 1.220 | 2 |
| 0450C | 8/27/2003 | L29367-8 | 4,4'-DDE | | 82 | | ug/Kg | <MDL | 1 | 1.220 | 2 |
| 0450C | 8/27/2003 | L29367-8 | 4,4'-DDD | | 82 | | ug/Kg | <MDL | 1 | 1.220 | 2 |
| 0450C | 8/27/2003 | L29367-8 | 2-Nitrophenol | | 82 | | ug/Kg | <MDL | 15 | 18.293 | 30 |
| 0450C | 8/27/2003 | L29367-8 | 2-Methylphenol | | 82 | | ug/Kg | <MDL | 19 | 23.171 | 38 |
| 0450C | 8/27/2003 | L29367-8 | 2-Methylnaphthalene | | 82 | | ug/Kg | <MDL | 14 | 17.073 | 28 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0450C | 8/27/2003 | L29367-8 | 1,3-Dichlorobenzene | | 82 | | ug/Kg | <MDL,G | 1.3 | 1.585 | 2.67 |
| 0450C | 8/27/2003 | L29367-8 | 2-Chloronaphthalene | | 82 | | ug/Kg | <MDL | 16 | 19.512 | 32 |
| 0450C | 8/27/2003 | L29367-8 | Ammonia Nitrogen | 6.57 | 82 | 8.012 | mg/Kg | | 0.1 | 0.122 | 0.2 |
| 0450C | 8/27/2003 | L29367-8 | 2,4-Dinitrotoluene | | 82 | | ug/Kg | <MDL | 27 | 32.927 | 53.3 |
| 0450C | 8/27/2003 | L29367-8 | 2,4-Dimethylphenol | | 82 | | ug/Kg | <MDL | 7 | 8.537 | 14 |
| 0450C | 8/27/2003 | L29367-8 | 2,4-Dichlorophenol | | 82 | | ug/Kg | <MDL | 16 | 19.512 | 32 |
| 0450C | 8/27/2003 | L29367-8 | 2,4-DB | | 82 | | ug/Kg | <MDL | 1.6 | 1.951 | 5.83 |
| 0450C | 8/27/2003 | L29367-8 | 2,4-D | | 82 | | ug/Kg | <MDL | 2.3 | 2.805 | 5.83 |
| 0450C | 8/27/2003 | L29367-8 | 2,4,6-Trichlorophenol | | 82 | | ug/Kg | <MDL | 13 | 15.854 | 26 |
| 0450C | 8/27/2003 | L29367-8 | 2,4,5-Trichlorophenol | | 82 | | ug/Kg | <MDL | 12 | 14.634 | 24 |
| 0450C | 8/27/2003 | L29367-8 | 2,4,5-TP (Silvex) | | 82 | | ug/Kg | <MDL | 2.2 | 2.683 | 8.74 |
| 0450C | 8/27/2003 | L29367-8 | 2-Chlorophenol | | 82 | | ug/Kg | <MDL,G | 8 | 9.756 | 16 |
| 0450C | 8/27/2003 | L29367-8 | Nitrobenzene | | 82 | | ug/Kg | <MDL | 16 | 19.512 | 32 |
| 0450C | 8/27/2003 | L29367-8 | Mercury, Extractable, SEM | | 82 | | mg/Kg | <MDL | 0.0015 | 0.002 | 0.00449 |
| 0450C | 8/27/2003 | L29367-8 | Sample Description | | 82 | | none | | | | |
| 0450C | 8/27/2003 | L29367-8 | Pyridine | | 82 | | ug/Kg | <MDL,X | 130 | 158.537 | 267 |
| 0450C | 8/27/2003 | L29367-8 | Pyrene | 74.8 | 82 | 91.220 | ug/Kg | | 4 | 4.878 | 8 |
| 0450C | 8/27/2003 | L29367-8 | Phorate | | 82 | | ug/Kg | <MDL | 53 | 64.634 | 107 |
| 0450C | 8/27/2003 | L29367-8 | Phenol | | 82 | | ug/Kg | <MDL | 9 | 10.976 | 18 |
| 0450C | 8/27/2003 | L29367-8 | Phenanthrene | 25.4 | 82 | 30.976 | ug/Kg | | 4 | 4.878 | 8 |
| 0450C | 8/27/2003 | L29367-8 | Pentachlorophenol | | 82 | | ug/Kg | <MDL,G | 13 | 15.854 | 26.7 |
| 0450C | 8/27/2003 | L29367-8 | Sampling Method | | 82 | | none | | | | |
| 0450C | 8/27/2003 | L29367-8 | Parathion-Ethyl | | 82 | | ug/Kg | <MDL | 85 | 103.659 | 160 |
| 0450C | 8/27/2003 | L29367-8 | Sand | 47.2 | 82 | 57.561 | % | | 0.1 | 0.122 | 0.1 |
| 0450C | 8/27/2003 | L29367-8 | Nickel, Total, ICP | 19 | 82 | 23.171 | mg/Kg | | 0.96 | 1.171 | 4.79 |
| 0450C | 8/27/2003 | L29367-8 | Nickel, Extractable, SEM | 0.56 | 82 | 0.683 | mg/Kg | <RDL | 0.15 | 0.183 | 0.748 |
| 0450C | 8/27/2003 | L29367-8 | Naphthalene | | 82 | | ug/Kg | <MDL,G | 14 | 17.073 | 28 |
| 0450C | 8/27/2003 | L29367-8 | N-Nitrosodiphenylamine | | 82 | | ug/Kg | <MDL | 20 | 24.390 | 40 |
| 0450C | 8/27/2003 | L29367-8 | N-Nitrosodimethylamine | | 82 | | ug/Kg | <MDL,G | 20 | 24.390 | 40 |
| 0450C | 8/27/2003 | L29367-8 | N-Nitrosodi-N-Propylamine | | 82 | | ug/Kg | <MDL | 9 | 10.976 | 18 |
| 0450C | 8/27/2003 | L29367-8 | Methoxychlor | | 82 | | ug/Kg | <MDL | 5 | 6.098 | 10 |
| 0450C | 8/27/2003 | L29367-8 | Mercury, Total, CVAA | | 82 | | mg/Kg | <MDL | 0.02 | 0.024 | 0.196 |
| 0450C | 8/27/2003 | L29367-8 | Parathion-Methyl | | 82 | | ug/Kg | <MDL | 85 | 103.659 | 160 |
| 0450C | 8/27/2003 | L29367-8 | Total Phosphorus | 474 | 82 | 578.049 | mg/Kg | B | 64 | 78.049 | 25 |
| 0450C | 8/27/2003 | L29367-8 | p+2.00 | 20.3 | 82 | 24.756 | % | | 0.1 | 0.122 | 0.1 |
| 0450C | 8/27/2003 | L29367-8 | p+10.0(more than) | | 82 | | % | <MDL | 0.1 | 0.122 | 0.1 |
| 0450C | 8/27/2003 | L29367-8 | p+10.0 | 0.3 | 82 | 0.366 | % | | 0.1 | 0.122 | 0.1 |
| 0450C | 8/27/2003 | L29367-8 | Alpha-BHC | | 82 | | ug/Kg | <MDL | 0.5 | 0.610 | 1 |
| 0450C | 8/27/2003 | L29367-8 | p+0.00 | 2.9 | 82 | 3.537 | % | | 0.1 | 0.122 | 0.1 |
| 0450C | 8/27/2003 | L29367-8 | Copper, Total, ICP | 14.4 | 82 | 17.561 | mg/Kg | | 0.19 | 0.232 | 0.959 |
| 0450C | 8/27/2003 | L29367-8 | Zinc, Extractable, SEM | 2.78 | 82 | 3.390 | mg/Kg | | 0.037 | 0.045 | 0.187 |
| 0450C | 8/27/2003 | L29367-8 | Toxaphene | | 82 | | ug/Kg | <MDL | 10 | 12.195 | 20 |
| 0450C | 8/27/2003 | L29367-8 | Sample Function | | 82 | | none | | | | |
| 0450C | 8/27/2003 | L29367-8 | Total Solids | 82 | 82 | 100.000 | % | | 0.005 | 0.006 | 0.01 |
| 0450C | 8/27/2003 | L29367-8 | Zinc, Total, ICP | 35.1 | 82 | 42.805 | mg/Kg | | 0.24 | 0.293 | 1.2 |
| 0450C | 8/27/2003 | L29367-8 | Total Organic Carbon | 3570 | 82 | 4353.659 | mg/Kg | | 800 | 975.610 | 1600 |
| 0450C | 8/27/2003 | L29367-8 | Thallium, Total, ICP | | 82 | | mg/Kg | <MDL | 9.6 | 11.707 | 47.9 |
| 0450C | 8/27/2003 | L29367-8 | Silver, Total, ICP | 0.53 | 82 | 0.646 | mg/Kg | <RDL | 0.19 | 0.232 | 0.959 |
| 0450C | 8/27/2003 | L29367-8 | Silt | 2.7 | 82 | 3.293 | % | | 0.1 | 0.122 | 0.1 |
| 0450C | 8/27/2003 | L29367-8 | Selenium, Total, ICP | | 82 | | mg/Kg | <MDL | 2.4 | 2.927 | 12 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0450C | 8/27/2003 | L29367-8 | Sediment Type | | 82 | | none | | | | |
| 0450C | 8/27/2003 | L29367-8 | Sediment Sampling Range | | 82 | | cm | | | | |
| 0450C | 8/27/2003 | L29367-8 | Sediment Sampling Depth | 5 | 82 | 6.098 | cm | | | | |
| 0450C | 8/27/2003 | L29367-8 | Total Sulfide | 16 | 82 | 19.512 | mg/Kg | H,G | 1 | 1.220 | 1 |
| 0450C | 8/27/2003 | L29367-8 | Dichloroprop | | 82 | | ug/Kg | <MDL | 2.2 | 2.683 | 5.83 |
| 0450C | 8/27/2003 | L29367-8 | Endrin | | 82 | | ug/Kg | <MDL | 1 | 1.220 | 2 |
| 0450C | 8/27/2003 | L29367-8 | Endosulfan Sulfate | | 82 | | ug/Kg | <MDL | 1 | 1.220 | 2 |
| 0450C | 8/27/2003 | L29367-8 | Endosulfan II | | 82 | | ug/Kg | <MDL | 1 | 1.220 | 2 |
| 0450C | 8/27/2003 | L29367-8 | Endosulfan I | | 82 | | ug/Kg | <MDL | 1 | 1.220 | 2 |
| 0450C | 8/27/2003 | L29367-8 | Disulfoton | | 82 | | ug/Kg | <MDL | 32 | 39.024 | 53.3 |
| 0450C | 8/27/2003 | L29367-8 | Dinoseb | | 82 | | ug/Kg | <MDL | 1.9 | 2.317 | 8.74 |
| 0450C | 8/27/2003 | L29367-8 | Dimethyl Phthalate | | 82 | | ug/Kg | <MDL | 13 | 15.854 | 26.7 |
| 0450C | 8/27/2003 | L29367-8 | Diethyl Phthalate | | 82 | | ug/Kg | <MDL | 13 | 15.854 | 26.7 |
| 0450C | 8/27/2003 | L29367-8 | Endrin Aldehyde | | 82 | | ug/Kg | <MDL | 2 | 2.439 | 4 |
| 0450C | 8/27/2003 | L29367-8 | Dieldrin | | 82 | | ug/Kg | <MDL | 1 | 1.220 | 2 |
| 0450C | 8/27/2003 | L29367-8 | Coprostanol | | 82 | | ug/Kg | <MDL | 130 | 158.537 | 267 |
| 0450C | 8/27/2003 | L29367-8 | Dicamba | | 82 | | ug/Kg | <MDL | 1.3 | 1.585 | 5.83 |
| 0450C | 8/27/2003 | L29367-8 | Dibenzofuran | | 82 | | ug/Kg | <MDL | 14 | 17.073 | 28 |
| 0450C | 8/27/2003 | L29367-8 | Dibenzo(a,h)anthracene | | 82 | | ug/Kg | <MDL,L | 7 | 8.537 | 14 |
| 0450C | 8/27/2003 | L29367-8 | Di-N-Octyl Phthalate | | 82 | | ug/Kg | <MDL | 13 | 15.854 | 26.7 |
| 0450C | 8/27/2003 | L29367-8 | Delta-BHC | | 82 | | ug/Kg | <MDL | 0.5 | 0.610 | 1 |
| 0450C | 8/27/2003 | L29367-8 | Dalapon | | 82 | | ug/Kg | <MDL | 1.3 | 1.585 | 5.83 |
| 0450C | 8/27/2003 | L29367-8 | Manganese, Total, ICP | 166 | 82 | 202.439 | mg/Kg | | 0.096 | 0.117 | 0.479 |
| 0450C | 8/27/2003 | L29367-8 | p+1.00 | 4.6 | 82 | 5.610 | % | | 0.1 | 0.122 | 0.1 |
| 0450C | 8/27/2003 | L29367-8 | Diesel Range (>C12 Thru C24) | | 82 | | mg/Kg | <MDL | 50 | 60.976 | 50 |
| 0450C | 8/27/2003 | L29367-8 | Lube Oil Range ( >C24) | | 82 | | mg/Kg | <MDL | 100 | 121.951 | 100 |
| 0450C | 8/27/2003 | L29367-8 | MCPP | | 82 | | ug/Kg | <MDL | 1.2 | 1.463 | 5.83 |
| 0450C | 8/27/2003 | L29367-8 | Extractable Phosphorus | 5.54 | 82 | 6.756 | mg/Kg | | 0.2 | 0.244 | 0.5 |
| 0450C | 8/27/2003 | L29367-8 | Malathion | | 82 | | ug/Kg | <MDL | 85 | 103.659 | 160 |
| 0450C | 8/27/2003 | L29367-8 | MCPA | | 82 | | ug/Kg | <MDL | 2.6 | 3.171 | 5.83 |
| 0450C | 8/27/2003 | L29367-8 | Lead, Total, ICP | 5.2 | 82 | 6.341 | mg/Kg | <RDL | 1.4 | 1.707 | 7.19 |
| 0450C | 8/27/2003 | L29367-8 | Lead, Extractable, SEM | 2.18 | 82 | 2.659 | mg/Kg | | 0.22 | 0.268 | 1.12 |
| 0450C | 8/27/2003 | L29367-8 | Isophorone | | 82 | | ug/Kg | <MDL,G | 19 | 23.171 | 38 |
| 0450C | 8/27/2003 | L29367-8 | Indeno(1,2,3-Cd)Pyrene | 13 | 82 | 15.854 | ug/Kg | <RDL | 9 | 10.976 | 18 |
| 0450C | 8/27/2003 | L29367-8 | Hexachloroethane | | 82 | | ug/Kg | <MDL,G | 15 | 18.293 | 30 |
| 0450C | 8/27/2003 | L29367-8 | Gamma-Chlordane | | 82 | | ug/Kg | <MDL | 0.5 | 0.610 | 1 |
| 0450C | 8/27/2003 | L29367-8 | Hexachlorobutadiene | | 82 | | ug/Kg | <MDL,G | 0.75 | 0.915 | 1.5 |
| 0450C | 8/27/2003 | L29367-8 | Fluorene | | 82 | | ug/Kg | <MDL | 13 | 15.854 | 26 |
| 0450C | 8/27/2003 | L29367-8 | Gamma-BHC (Lindane) | | 82 | | ug/Kg | <MDL | 0.5 | 0.610 | 1 |
| 0450C | 8/27/2003 | L29367-8 | Gasoline Range (C7 Thru C12) | | 82 | | mg/Kg | <MDL | 20 | 24.390 | 20 |
| 0450C | 8/27/2003 | L29367-8 | Fluoranthene | 72.9 | 82 | 88.902 | ug/Kg | | 8 | 9.756 | 16 |
| 0450C | 8/27/2003 | L29367-8 | Gravel | 49.1 | 82 | 59.878 | % | | 0.1 | 0.122 | 0.1 |
| 0450C | 8/27/2003 | L29367-8 | Heptachlor | | 82 | | ug/Kg | <MDL | 0.5 | 0.610 | 1 |
| 0450C | 8/27/2003 | L29367-8 | Heptachlor Epoxide | | 82 | | ug/Kg | <MDL | 0.5 | 0.610 | 1 |
| 0450C | 8/27/2003 | L29367-8 | Hexachlorobenzene | | 82 | | ug/Kg | <MDL | 0.66 | 0.805 | 1.33 |
| 0486 | 10/18/2001 | L22024-12 | Clay | | 80.4 | | % | <MDL | 0.1 | 0.124 | 0.1 |
| 0486 | 10/18/2001 | L22024-12 | N-Nitrosodi-N-Propylamine | | 80.4 | | ug/Kg | <MDL | 9 | 11.194 | 18 |
| 0486 | 10/18/2001 | L22024-12 | Diethyl Phthalate | | 80.4 | | ug/Kg | <MDL | 6 | 7.463 | 12 |
| 0486 | 10/18/2001 | L22024-12 | Diesel Range (>C12 Thru C24) | | 80.4 | | mg/Kg | <MDL | 50 | 62.189 | 50 |
| 0486 | 10/18/2001 | L22024-12 | Dieldrin | | 80.4 | | ug/Kg | <MDL | 1 | 1.244 | 2 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0486 | 10/18/2001 | L22024-12 | Dichloroprop | | 80.4 | | ug/Kg | <MDL | 0.61 | 0.759 | 5.73 |
| 0486 | 10/18/2001 | L22024-12 | Dicamba | | 80.4 | | ug/Kg | <MDL | 1.4 | 1.741 | 5.73 |
| 0486 | 10/18/2001 | L22024-12 | Dibenzofuran | | 80.4 | | ug/Kg | <MDL | 14 | 17.413 | 28 |
| 0486 | 10/18/2001 | L22024-12 | Diazinon | | 80.4 | | ug/Kg | <MDL | 20 | 24.876 | 33.3 |
| 0486 | 10/18/2001 | L22024-12 | Di-N-Octyl Phthalate | | 80.4 | | ug/Kg | <MDL | 8 | 9.950 | 16 |
| 0486 | 10/18/2001 | L22024-12 | Di-N-Butyl Phthalate | | 80.4 | | ug/Kg | B | 53 | 65.920 | 10 |
| 0486 | 10/18/2001 | L22024-12 | Delta-BHC | | 80.4 | | ug/Kg | <MDL | 0.5 | 0.622 | 1 |
| 0486 | 10/18/2001 | L22024-12 | Dalapon | | 80.4 | | ug/Kg | <MDL | 1.8 | 2.239 | 5.73 |
| 0486 | 10/18/2001 | L22024-12 | Coprostanol | | 80.4 | | ug/Kg | <MDL | 14 | 17.413 | 28 |
| 0486 | 10/18/2001 | L22024-12 | Dinoseb | | 80.4 | | ug/Kg | <MDL | 0.47 | 0.585 | 5.73 |
| 0486 | 10/18/2001 | L22024-12 | Carbazole | | 80.4 | | ug/Kg | <MDL | 7 | 8.706 | 14 |
| 0486 | 10/18/2001 | L22024-12 | Bis(2-Chloroethoxy)Methane | | 80.4 | | ug/Kg | <MDL | 17 | 21.144 | 34 |
| 0486 | 10/18/2001 | L22024-12 | Bis(2-Chloroethyl)Ether | | 80.4 | | ug/Kg | <MDL,G | 15 | 18.657 | 30 |
| 0486 | 10/18/2001 | L22024-12 | Bis(2-Chloroisopropyl)Ether | | 80.4 | | ug/Kg | <MDL | 15 | 18.657 | 30 |
| 0486 | 10/18/2001 | L22024-12 | Bis(2-Ethylhexyl)Phthalate | | 80.4 | | ug/Kg | <RDL,B,L | 160 | 199.005 | 14 |
| 0486 | 10/18/2001 | L22024-12 | Cadmium, Extractable, SEM | | 80.4 | | mg/Kg | <MDL | 0.15 | 0.187 | 0.729 |
| 0486 | 10/18/2001 | L22024-12 | Copper, Total, ICP | 7.24 | 80.4 | 9.005 | mg/Kg | | 0.2 | 0.249 | 0.992 |
| 0486 | 10/18/2001 | L22024-12 | Caffeine | | 80.4 | | ug/Kg | <MDL | 6 | 7.463 | 12 |
| 0486 | 10/18/2001 | L22024-12 | Copper, Extractable, SEM | 9.58 | 80.4 | 11.915 | mg/Kg | E | 0.19 | 0.236 | 0.972 |
| 0486 | 10/18/2001 | L22024-12 | Chlordane | | 80.4 | | ug/Kg | <MDL | 0.5 | 0.622 | 1 |
| 0486 | 10/18/2001 | L22024-12 | Chlorpyrifos | | 80.4 | | ug/Kg | <MDL | 33 | 41.045 | 66.7 |
| 0486 | 10/18/2001 | L22024-12 | Chromium, Extractable, SEM | 3.12 | 80.4 | 3.881 | mg/Kg | E | 0.24 | 0.299 | 1.21 |
| 0486 | 10/18/2001 | L22024-12 | Chromium, Total, ICP | 14.2 | 80.4 | 17.662 | mg/Kg | | 0.25 | 0.311 | 1.24 |
| 0486 | 10/18/2001 | L22024-12 | Chrysene | | 80.4 | | ug/Kg | <MDL | 4 | 4.975 | 8 |
| 0486 | 10/18/2001 | L22024-12 | Disulfoton | | 80.4 | | ug/Kg | <MDL | 20 | 24.876 | 33.3 |
| 0486 | 10/18/2001 | L22024-12 | Cadmium, Total, ICP | | 80.4 | | mg/Kg | <MDL | 0.15 | 0.187 | 0.744 |
| 0486 | 10/18/2001 | L22024-12 | Hexachlorobenzene | | 80.4 | | ug/Kg | <MDL | 0.66 | 0.821 | 1.33 |
| 0486 | 10/18/2001 | L22024-12 | Mono-n-Butyltin (as monobutyltin ion) | | 80.4 | | ug/Kg | <RDL,B | 12 | 14.925 | 3.37 |
| 0486 | 10/18/2001 | L22024-12 | Methoxychlor | | 80.4 | | ug/Kg | <MDL | 5 | 6.219 | 10 |
| 0486 | 10/18/2001 | L22024-12 | Mercury, Total, CVAA | | 80.4 | | mg/Kg | <MDL | 0.019 | 0.024 | 0.193 |
| 0486 | 10/18/2001 | L22024-12 | Mercury, Extractable, SEM | | 80.4 | | mg/Kg | <MDL | 0.011 | 0.014 | 0.0321 |
| 0486 | 10/18/2001 | L22024-12 | Manganese, Total, ICP | 172 | 80.4 | 213.930 | mg/Kg | | 0.099 | 0.123 | 0.496 |
| 0486 | 10/18/2001 | L22024-12 | Malathion | | 80.4 | | ug/Kg | <MDL | 53 | 65.920 | 100 |
| 0486 | 10/18/2001 | L22024-12 | MCPP | | 80.4 | | ug/Kg | <MDL | 1.6 | 1.990 | 5.73 |
| 0486 | 10/18/2001 | L22024-12 | MCPA | | 80.4 | | ug/Kg | <MDL | 0.86 | 1.070 | 5.73 |
| 0486 | 10/18/2001 | L22024-12 | Lube Oil Range ( >C24) | | 80.4 | | mg/Kg | <MDL | 100 | 124.378 | 100 |
| 0486 | 10/18/2001 | L22024-12 | Lead, Total, ICP | 2.8 | 80.4 | 3.483 | mg/Kg | <RDL | 1.5 | 1.866 | 7.44 |
| 0486 | 10/18/2001 | L22024-12 | Lead, Extractable, SEM | 2.3 | 80.4 | 2.861 | mg/Kg | <RDL | 1.5 | 1.866 | 7.29 |
| 0486 | 10/18/2001 | L22024-12 | Isophorone | | 80.4 | | ug/Kg | <MDL | 19 | 23.632 | 38 |
| 0486 | 10/18/2001 | L22024-12 | Indeno(1,2,3-Cd)Pyrene | | 80.4 | | ug/Kg | <MDL,G | 9 | 11.194 | 18 |
| 0486 | 10/18/2001 | L22024-12 | Dimethyl Phthalate | | 80.4 | | ug/Kg | <MDL | 11 | 13.682 | 22 |
| 0486 | 10/18/2001 | L22024-12 | Fluorene | | 80.4 | | ug/Kg | <MDL | 13 | 16.169 | 26 |
| 0486 | 10/18/2001 | L22024-12 | Endosulfan I | | 80.4 | | ug/Kg | <MDL | 1 | 1.244 | 2 |
| 0486 | 10/18/2001 | L22024-12 | Endosulfan II | | 80.4 | | ug/Kg | <MDL | 1 | 1.244 | 2 |
| 0486 | 10/18/2001 | L22024-12 | Endosulfan Sulfate | | 80.4 | | ug/Kg | <MDL | 1 | 1.244 | 2 |
| 0486 | 10/18/2001 | L22024-12 | Endrin | | 80.4 | | ug/Kg | <MDL | 1 | 1.244 | 2 |
| 0486 | 10/18/2001 | L22024-12 | Endrin Aldehyde | | 80.4 | | ug/Kg | <MDL,G | 2 | 2.488 | 4 |
| 0486 | 10/18/2001 | L22024-12 | Hexachloroethane | | 80.4 | | ug/Kg | <MDL,G | 15 | 18.657 | 30 |
| 0486 | 10/18/2001 | L22024-12 | Fluoranthene | | 80.4 | | ug/Kg | <MDL,L | 8 | 9.950 | 16 |
| 0486 | 10/18/2001 | L22024-12 | Hexachlorobutadiene | | 80.4 | | ug/Kg | <MDL,G | 0.75 | 0.933 | 1.5 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0486 | 10/18/2001 | L22024-12 | Gamma-BHC (Lindane) | | 80.4 | | ug/Kg | <MDL | 0.5 | 0.622 | 1 |
| 0486 | 10/18/2001 | L22024-12 | Gasoline Range (C7 Thru C12) | | 80.4 | | mg/Kg | <MDL | 20 | 24.876 | 20 |
| 0486 | 10/18/2001 | L22024-12 | Gravel | 52 | 80.4 | 64.677 | % | | 0.1 | 0.124 | 0.1 |
| 0486 | 10/18/2001 | L22024-12 | Heptachlor | | 80.4 | | ug/Kg | <MDL | 0.5 | 0.622 | 1 |
| 0486 | 10/18/2001 | L22024-12 | Heptachlor Epoxide | | 80.4 | | ug/Kg | <MDL | 0.5 | 0.622 | 1 |
| 0486 | 10/18/2001 | L22024-12 | Benzyl Butyl Phthalate | 8.2 | 80.4 | 10.199 | ug/Kg | <RDL | 6 | 7.463 | 12 |
| 0486 | 10/18/2001 | L22024-12 | Extractable Phosphorus | 3.54 | 80.4 | 4.403 | mg/Kg | | 0.2 | 0.249 | 0.5 |
| 0486 | 10/18/2001 | L22024-12 | 1,3-Dichlorobenzene | | 80.4 | | ug/Kg | <MDL,G | 0.26 | 0.323 | 0.53 |
| 0486 | 10/18/2001 | L22024-12 | 2-Methylphenol | | 80.4 | | ug/Kg | <MDL | 19 | 23.632 | 38 |
| 0486 | 10/18/2001 | L22024-12 | 2-Methylnaphthalene | | 80.4 | | ug/Kg | <MDL | 14 | 17.413 | 28 |
| 0486 | 10/18/2001 | L22024-12 | 2-Chlorophenol | | 80.4 | | ug/Kg | <MDL,G | 8 | 9.950 | 16 |
| 0486 | 10/18/2001 | L22024-12 | 2-Chloronaphthalene | | 80.4 | | ug/Kg | <MDL | 16 | 19.900 | 32 |
| 0486 | 10/18/2001 | L22024-12 | 2,6-Dinitrotoluene | | 80.4 | | ug/Kg | <MDL | 10 | 12.438 | 20 |
| 0486 | 10/18/2001 | L22024-12 | 2,4-Dinitrotoluene | | 80.4 | | ug/Kg | <MDL | 3 | 3.731 | 6 |
| 0486 | 10/18/2001 | L22024-12 | 2,4-Dimethylphenol | | 80.4 | | ug/Kg | <MDL | 7 | 8.706 | 14 |
| 0486 | 10/18/2001 | L22024-12 | 2,4-Dichlorophenol | | 80.4 | | ug/Kg | <MDL | 16 | 19.900 | 32 |
| 0486 | 10/18/2001 | L22024-12 | 2,4-DB | | 80.4 | | ug/Kg | <MDL | 0.8 | 0.995 | 5.73 |
| 0486 | 10/18/2001 | L22024-12 | 2,4-D | | 80.4 | | ug/Kg | <MDL | 0.47 | 0.585 | 5.73 |
| 0486 | 10/18/2001 | L22024-12 | 2,4,6-Trichlorophenol | | 80.4 | | ug/Kg | <MDL | 13 | 16.169 | 26 |
| 0486 | 10/18/2001 | L22024-12 | 2,4,5-Trichlorophenol | | 80.4 | | ug/Kg | <MDL | 12 | 14.925 | 24 |
| 0486 | 10/18/2001 | L22024-12 | 2,4,5-TP (Silvex) | | 80.4 | | ug/Kg | <MDL | 1.8 | 2.239 | 5.73 |
| 0486 | 10/18/2001 | L22024-12 | Beta-BHC | | 80.4 | | ug/Kg | <MDL | 0.5 | 0.622 | 1 |
| 0486 | 10/18/2001 | L22024-12 | 2,4,5-T | | 80.4 | | ug/Kg | <MDL | 1.3 | 1.617 | 5.73 |
| 0486 | 10/18/2001 | L22024-12 | 1,4-Dichlorobenzene | | 80.4 | | ug/Kg | <MDL,G | 0.13 | 0.162 | 0.264 |
| 0486 | 10/18/2001 | L22024-12 | 1,2,4-Trichlorobenzene | | 80.4 | | ug/Kg | <MDL,G | 0.26 | 0.323 | 0.53 |
| 0486 | 10/18/2001 | L22024-12 | 1,2-Dichlorobenzene | | 80.4 | | ug/Kg | <MDL,G | 0.26 | 0.323 | 0.53 |
| 0486 | 10/18/2001 | L22024-12 | 1,2-Diphenylhydrazine | | 80.4 | | ug/Kg | <MDL | 10 | 12.438 | 20 |
| 0486 | 10/18/2001 | L22024-12 | 4,4'-DDE | | 80.4 | | ug/Kg | <MDL | 1 | 1.244 | 2 |
| 0486 | 10/18/2001 | L22024-12 | Benzo(a)pyrene | | 80.4 | | ug/Kg | <MDL,B | 3 | 3.731 | 6 |
| 0486 | 10/18/2001 | L22024-12 | 2-Nitrophenol | | 80.4 | | ug/Kg | <MDL | 15 | 18.657 | 30 |
| 0486 | 10/18/2001 | L22024-12 | Aroclor 1242 | | 80.4 | | ug/Kg | <MDL | 1.3 | 1.617 | 2.5 |
| 0486 | 10/18/2001 | L22024-12 | Aroclor 1248 | | 80.4 | | ug/Kg | <MDL | 1.3 | 1.617 | 2.5 |
| 0486 | 10/18/2001 | L22024-12 | Aroclor 1254 | | 80.4 | | ug/Kg | <MDL | 1.3 | 1.617 | 2.5 |
| 0486 | 10/18/2001 | L22024-12 | Aroclor 1260 | | 80.4 | | ug/Kg | <MDL | 1.3 | 1.617 | 2.5 |
| 0486 | 10/18/2001 | L22024-12 | Aroclor 1221 | | 80.4 | | ug/Kg | <MDL | 2.5 | 3.109 | 5 |
| 0486 | 10/18/2001 | L22024-12 | Benzo(a)anthracene | 3.1 | 80.4 | 3.856 | ug/Kg | <RDL | 2 | 2.488 | 4 |
| 0486 | 10/18/2001 | L22024-12 | Aroclor 1016 | | 80.4 | | ug/Kg | <MDL | 1.3 | 1.617 | 2.5 |
| 0486 | 10/18/2001 | L22024-12 | Benzo(b)fluoranthene | | 80.4 | | ug/Kg | <MDL | 3 | 3.731 | 6 |
| 0486 | 10/18/2001 | L22024-12 | Benzo(g,h,i)perylene | | 80.4 | | ug/Kg | <MDL | 8 | 9.950 | 16 |
| 0486 | 10/18/2001 | L22024-12 | Benzo(k)fluoranthene | | 80.4 | | ug/Kg | <MDL,B | 3 | 3.731 | 6 |
| 0486 | 10/18/2001 | L22024-12 | Benzoic Acid | 100 | 80.4 | 124.378 | ug/Kg | G | 6 | 7.463 | 12 |
| 0486 | 10/18/2001 | L22024-12 | Benzyl Alcohol | | 80.4 | | ug/Kg | <MDL,G | 6 | 7.463 | 12 |
| 0486 | 10/18/2001 | L22024-12 | Dibenzo(a,h)anthracene | | 80.4 | | ug/Kg | <MDL,B,L | 110 | 136.816 | 14 |
| 0486 | 10/18/2001 | L22024-12 | Arsenic, Total, ICP | 3.5 | 80.4 | 4.353 | mg/Kg | <RDL | 2.5 | 3.109 | 12.4 |
| 0486 | 10/18/2001 | L22024-12 | Acid Volatile Sulfides | | 80.4 | | mg/Kg | <MDL,E | 1 | 1.244 | 1 |
| 0486 | 10/18/2001 | L22024-12 | Beryllium, Total, ICP | 0.14 | 80.4 | 0.174 | mg/Kg | <RDL | 0.05 | 0.062 | 0.248 |
| 0486 | 10/18/2001 | L22024-12 | 4,4'-DDT | | 80.4 | | ug/Kg | <MDL | 1 | 1.244 | 2 |
| 0486 | 10/18/2001 | L22024-12 | 4-Bromophenyl Phenyl Ether | | 80.4 | | ug/Kg | <MDL | 9 | 11.194 | 18 |
| 0486 | 10/18/2001 | L22024-12 | 4-Chlorophenyl Phenyl Ether | | 80.4 | | ug/Kg | <MDL | 13 | 16.169 | 26 |
| 0486 | 10/18/2001 | L22024-12 | 4-Methylphenol | | 80.4 | | ug/Kg | <MDL | 16 | 19.900 | 32 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0486 | 10/18/2001 | L22024-12 | Aroclor 1232 | | 80.4 | | ug/Kg | <MDL | 2.5 | 3.109 | 5 |
| 0486 | 10/18/2001 | L22024-12 | Acenaphthylene | | 80.4 | | ug/Kg | <MDL | 15 | 18.657 | 30 |
| 0486 | 10/18/2001 | L22024-12 | 4,4'-DDD | | 80.4 | | ug/Kg | <MDL | 1 | 1.244 | 2 |
| 0486 | 10/18/2001 | L22024-12 | Aldrin | | 80.4 | | ug/Kg | <MDL | 1 | 1.244 | 2 |
| 0486 | 10/18/2001 | L22024-12 | Alpha-BHC | | 80.4 | | ug/Kg | <MDL | 0.5 | 0.622 | 1 |
| 0486 | 10/18/2001 | L22024-12 | Ammonia Nitrogen | 2.26 | 80.4 | 2.811 | mg/Kg | | 0.1 | 0.124 | 0.2 |
| 0486 | 10/18/2001 | L22024-12 | Aniline | | 80.4 | | ug/Kg | <MDL,X | 19 | 23.632 | 38 |
| 0486 | 10/18/2001 | L22024-12 | Anthracene | | 80.4 | | ug/Kg | <MDL,G,E | 4 | 4.975 | 8 |
| 0486 | 10/18/2001 | L22024-12 | Antimony, Total, ICP | | 80.4 | | mg/Kg | <MDL,G | 1.5 | 1.866 | 7.44 |
| 0486 | 10/18/2001 | L22024-12 | Acenaphthene | | 80.4 | | ug/Kg | <MDL | 7 | 8.706 | 14 |
| 0486 | 10/18/2001 | L22024-12 | Di-n-Butyltin (as dibutyltin ion) | | 80.4 | | ug/Kg | B,G | 8.12 | 10.100 | 0.7 |
| 0486 | 10/18/2001 | L22024-12 | N-Nitrosodimethylamine | | 80.4 | | ug/Kg | <MDL,X | 20 | 24.876 | 40 |
| 0486 | 10/18/2001 | L22024-12 | Tetra-n-Butyltin (as tetrabutyltin) | | 80.4 | | ug/Kg | <MDL | 0.4 | 0.498 | 0.801 |
| 0486 | 10/18/2001 | L22024-12 | Tri-n-Butyltin (as tributyltin ion) | | 80.4 | | ug/Kg | B,G | 18.3 | 22.761 | 0.415 |
| 0486 | 10/18/2001 | L22024-12 | Sediment Sampling Depth | | 80.4 | | cm | | | | |
| 0486 | 10/18/2001 | L22024-12 | Sediment Sampling Range | | 80.4 | | none | | | | |
| 0486 | 10/18/2001 | L22024-12 | Sediment Type | | 80.4 | | none | | | | |
| 0486 | 10/18/2001 | L22024-12 | Selenium, Total, ICP | | 80.4 | | mg/Kg | <MDL | 2.5 | 3.109 | 12.4 |
| 0486 | 10/18/2001 | L22024-12 | Sampling Method | | 80.4 | | none | | | | |
| 0486 | 10/18/2001 | L22024-12 | Silver, Total, ICP | | 80.4 | | mg/Kg | <MDL | 0.2 | 0.249 | 0.992 |
| 0486 | 10/18/2001 | L22024-12 | Sample Function | | 80.4 | | none | | | | |
| 0486 | 10/18/2001 | L22024-12 | Thallium, Total, ICP | | 80.4 | | mg/Kg | <MDL | 9.9 | 12.313 | 49.6 |
| 0486 | 10/18/2001 | L22024-12 | Total Organic Carbon | 1400 | 80.4 | 1741.294 | mg/Kg | | 400 | 497.512 | 800 |
| 0486 | 10/18/2001 | L22024-12 | Total Phosphorus | 274 | 80.4 | 340.796 | mg/Kg | | 6.3 | 7.836 | 12.5 |
| 0486 | 10/18/2001 | L22024-12 | Total Solids | 80.4 | 80.4 | 100.000 | % | | 0.005 | 0.006 | 0.01 |
| 0486 | 10/18/2001 | L22024-12 | Total Sulfide | 6.2 | 80.4 | 7.711 | mg/Kg | | 2 | 2.488 | 2 |
| 0486 | 10/18/2001 | L22024-12 | Toxaphene | | 80.4 | | ug/Kg | <MDL | 10 | 12.438 | 20 |
| 0486 | 10/18/2001 | L22024-12 | Silt | | 80.4 | | % | <MDL | 0.1 | 0.124 | 0.1 |
| 0486 | 10/18/2001 | L22024-12 | Phenanthrene | | 80.4 | | ug/Kg | <MDL | 4 | 4.975 | 8 |
| 0486 | 10/18/2001 | L22024-12 | Nickel, Total, ICP | 16.2 | 80.4 | 20.149 | mg/Kg | | 0.99 | 1.231 | 4.96 |
| 0486 | 10/18/2001 | L22024-12 | Nitrobenzene | | 80.4 | | ug/Kg | <MDL,G | 16 | 19.900 | 32 |
| 0486 | 10/18/2001 | L22024-12 | Parathion-Ethyl | | 80.4 | | ug/Kg | <MDL | 53 | 65.920 | 100 |
| 0486 | 10/18/2001 | L22024-12 | Sand | 48 | 80.4 | 59.701 | % | | 0.1 | 0.124 | 0.1 |
| 0486 | 10/18/2001 | L22024-12 | Pentachlorophenol | | 80.4 | | ug/Kg | <MDL | 5 | 6.219 | 10 |
| 0486 | 10/18/2001 | L22024-12 | Sample Description | | 80.4 | | none | | | | |
| 0486 | 10/18/2001 | L22024-12 | Phenol | | 80.4 | | ug/Kg | <MDL | 9 | 11.194 | 18 |
| 0486 | 10/18/2001 | L22024-12 | Naphthalene | | 80.4 | | ug/Kg | <MDL,G | 14 | 17.413 | 28 |
| 0486 | 10/18/2001 | L22024-12 | N-Nitrosodiphenylamine | | 80.4 | | ug/Kg | <MDL | 20 | 24.876 | 40 |
| 0486 | 10/18/2001 | L22024-12 | Phorate | | 80.4 | | ug/Kg | <MDL | 33 | 41.045 | 66.7 |
| 0486 | 10/18/2001 | L22024-12 | Sample Depth | 0.5 | 80.4 | 0.622 | m | | | | |
| 0486 | 10/18/2001 | L22024-12 | Nickel, Extractable, SEM | 28.3 | 80.4 | 35.199 | mg/Kg | E | 0.97 | 1.206 | 4.86 |
| 0486 | 10/18/2001 | L22024-12 | Parathion-Methyl | | 80.4 | | ug/Kg | <MDL | 53 | 65.920 | 100 |
| 0486 | 10/18/2001 | L22024-12 | Zinc, Extractable, SEM | 7.76 | 80.4 | 9.652 | mg/Kg | B,E | 7.5 | 9.328 | 1.21 |
| 0486 | 10/18/2001 | L22024-12 | p-2.00 | 2.4 | 80.4 | 2.985 | % | | 0.1 | 0.124 | 0.1 |
| 0486 | 10/18/2001 | L22024-12 | p-2.00(less than) | 40.7 | 80.4 | 50.622 | % | | 0.1 | 0.124 | 0.1 |
| 0486 | 10/18/2001 | L22024-12 | p-1.00 | 8.9 | 80.4 | 11.070 | % | | 0.1 | 0.124 | 0.1 |
| 0486 | 10/18/2001 | L22024-12 | Pyrene | 8.29 | 80.4 | 10.311 | ug/Kg | L | 4 | 4.975 | 8 |
| 0486 | 10/18/2001 | L22024-12 | p+4.00 | 0.3 | 80.4 | 0.373 | % | | 0.1 | 0.124 | 0.1 |
| 0486 | 10/18/2001 | L22024-12 | p+9.00 | | 80.4 | | % | <MDL | 0.1 | 0.124 | 0.1 |
| 0486 | 10/18/2001 | L22024-12 | Zinc, Total, ICP | 25.9 | 80.4 | 32.214 | mg/Kg | | 0.25 | 0.311 | 1.24 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0486 | 10/18/2001 | L22024-12 | p+0.00 | 11 | 80.4 | 13.682 | % | | 0.1 | 0.124 | 0.1 |
| 0486 | 10/18/2001 | L22024-12 | p+1.00 | 26.8 | 80.4 | 33.333 | % | | 0.1 | 0.124 | 0.1 |
| 0486 | 10/18/2001 | L22024-12 | p+10.0 | | 80.4 | | % | <MDL | 0.1 | 0.124 | 0.1 |
| 0486 | 10/18/2001 | L22024-12 | p+10.0(more than) | | 80.4 | | % | <MDL | 0.1 | 0.124 | 0.1 |
| 0486 | 10/18/2001 | L22024-12 | p+2.00 | 8.3 | 80.4 | 10.323 | % | | 0.1 | 0.124 | 0.1 |
| 0486 | 10/18/2001 | L22024-12 | p+3.00 | 1.6 | 80.4 | 1.990 | % | | 0.1 | 0.124 | 0.1 |
| 0486 | 10/18/2001 | L22024-12 | p+5.00 | | 80.4 | | % | <MDL | 0.1 | 0.124 | 0.1 |
| 0486 | 10/18/2001 | L22024-12 | p+8.00 | | 80.4 | | % | <MDL | 0.1 | 0.124 | 0.1 |
| 0486 | 10/18/2001 | L22024-12 | p+7.00 | | 80.4 | | % | <MDL | 0.1 | 0.124 | 0.1 |
| 0486 | 10/18/2001 | L22024-12 | p+6.00 | | 80.4 | | % | <MDL | 0.1 | 0.124 | 0.1 |
| 0486 | 8/26/2003 | L29367-12 | Bis(2-Chloroethyl)Ether | | 79.3 | | ug/Kg | <MDL,G | 15 | 18.916 | 30 |
| 0486 | 8/26/2003 | L29367-12 | Benzo(a)anthracene | | 79.3 | | ug/Kg | <MDL | 2 | 2.522 | 4 |
| 0486 | 8/26/2003 | L29367-12 | Beta-BHC | | 79.3 | | ug/Kg | <MDL | 0.5 | 0.631 | 1 |
| 0486 | 8/26/2003 | L29367-12 | Beryllium, Total, ICP | 0.13 | 79.3 | 0.164 | mg/Kg | <RDL | 0.052 | 0.066 | 0.259 |
| 0486 | 8/26/2003 | L29367-12 | Benzyl Butyl Phthalate | | 79.3 | | ug/Kg | <MDL | 13 | 16.393 | 26.7 |
| 0486 | 8/26/2003 | L29367-12 | Benzyl Alcohol | | 79.3 | | ug/Kg | <MDL | 6 | 7.566 | 12 |
| 0486 | 8/26/2003 | L29367-12 | Benzoic Acid | | 79.3 | | ug/Kg | <MDL | 27 | 34.048 | 53.3 |
| 0486 | 8/26/2003 | L29367-12 | Bis(2-Chloroethoxy)Methane | | 79.3 | | ug/Kg | <MDL | 17 | 21.438 | 34 |
| 0486 | 8/26/2003 | L29367-12 | Benzo(k)fluoranthene | | 79.3 | | ug/Kg | <MDL | 3 | 3.783 | 6 |
| 0486 | 8/26/2003 | L29367-12 | Benzo(g,h,i)perylene | | 79.3 | | ug/Kg | <MDL | 8 | 10.088 | 16 |
| 0486 | 8/26/2003 | L29367-12 | Aroclor 1254 | | 79.3 | | ug/Kg | <MDL | 1.3 | 1.639 | 2.5 |
| 0486 | 8/26/2003 | L29367-12 | Benzo(a)pyrene | | 79.3 | | ug/Kg | <MDL | 3 | 3.783 | 6 |
| 0486 | 8/26/2003 | L29367-12 | Arsenic, Total, ICP | | 79.3 | | mg/Kg | <MDL | 2.6 | 3.279 | 13 |
| 0486 | 8/26/2003 | L29367-12 | Aroclor 1260 | | 79.3 | | ug/Kg | <MDL | 1.3 | 1.639 | 2.5 |
| 0486 | 8/26/2003 | L29367-12 | Chrysene | | 79.3 | | ug/Kg | <MDL | 4 | 5.044 | 8 |
| 0486 | 8/26/2003 | L29367-12 | Aroclor 1248 | | 79.3 | | ug/Kg | <MDL | 1.3 | 1.639 | 2.5 |
| 0486 | 8/26/2003 | L29367-12 | Aroclor 1242 | | 79.3 | | ug/Kg | <MDL | 1.3 | 1.639 | 2.5 |
| 0486 | 8/26/2003 | L29367-12 | Benzo(b)fluoranthene | | 79.3 | | ug/Kg | <MDL | 3 | 3.783 | 6 |
| 0486 | 8/26/2003 | L29367-12 | Chromium, Total, ICP | 27 | 79.3 | 34.048 | mg/Kg | | 0.26 | 0.328 | 1.3 |
| 0486 | 8/26/2003 | L29367-12 | Dibenzo(a,h)anthracene | | 79.3 | | ug/Kg | <MDL,L | 7 | 8.827 | 14 |
| 0486 | 8/26/2003 | L29367-12 | 2-Methylnaphthalene | | 79.3 | | ug/Kg | <MDL | 14 | 17.654 | 28 |
| 0486 | 8/26/2003 | L29367-12 | Aroclor 1232 | | 79.3 | | ug/Kg | <MDL | 2.5 | 3.153 | 5 |
| 0486 | 8/26/2003 | L29367-12 | Delta-BHC | | 79.3 | | ug/Kg | <MDL | 0.5 | 0.631 | 1 |
| 0486 | 8/26/2003 | L29367-12 | Dalapon | | 79.3 | | ug/Kg | <MDL | 1.3 | 1.639 | 5.89 |
| 0486 | 8/26/2003 | L29367-12 | Coprostanol | | 79.3 | | ug/Kg | <MDL | 130 | 163.934 | 267 |
| 0486 | 8/26/2003 | L29367-12 | Copper, Total, ICP | 7.04 | 79.3 | 8.878 | mg/Kg | | 0.21 | 0.265 | 1.04 |
| 0486 | 8/26/2003 | L29367-12 | Chromium, Extractable, SEM | 0.148 | 79.3 | 0.187 | mg/Kg | | 0.026 | 0.033 | 0.128 |
| 0486 | 8/26/2003 | L29367-12 | Clay | 0.1 | 79.3 | 0.126 | % | RDL,E | 0.1 | 0.126 | 0.1 |
| 0486 | 8/26/2003 | L29367-12 | Bis(2-Chloroisopropyl)Ether | | 79.3 | | ug/Kg | <MDL | 15 | 18.916 | 30 |
| 0486 | 8/26/2003 | L29367-12 | Di-N-Octyl Phthalate | | 79.3 | | ug/Kg | <MDL | 13 | 16.393 | 26.7 |
| 0486 | 8/26/2003 | L29367-12 | Chlorpyrifos | | 79.3 | | ug/Kg | <MDL | 53 | 66.835 | 107 |
| 0486 | 8/26/2003 | L29367-12 | Carbazole | | 79.3 | | ug/Kg | <MDL | 7 | 8.827 | 14 |
| 0486 | 8/26/2003 | L29367-12 | Caffeine | | 79.3 | | ug/Kg | <MDL | 6 | 7.566 | 12 |
| 0486 | 8/26/2003 | L29367-12 | Cadmium, Total, ICP | | 79.3 | | mg/Kg | <MDL | 0.16 | 0.202 | 0.778 |
| 0486 | 8/26/2003 | L29367-12 | Cadmium, Extractable, SEM | | 79.3 | | mg/Kg | <MDL | 0.015 | 0.019 | 0.0769 |
| 0486 | 8/26/2003 | L29367-12 | Bis(2-Ethylhexyl)Phthalate | | 79.3 | | ug/Kg | <RDL,B | 291 | 366.961 | 26.7 |
| 0486 | 8/26/2003 | L29367-12 | Copper, Extractable, SEM | 0.372 | 79.3 | 0.469 | mg/Kg | | 0.021 | 0.026 | 0.103 |
| 0486 | 8/26/2003 | L29367-12 | 2,4,5-T | | 79.3 | | ug/Kg | <MDL | 2.7 | 3.405 | 8.84 |
| 0486 | 8/26/2003 | L29367-12 | 2,6-Dinitrotoluene | | 79.3 | | ug/Kg | <MDL | 27 | 34.048 | 53.3 |
| 0486 | 8/26/2003 | L29367-12 | 2,4-Dinitrotoluene | | 79.3 | | ug/Kg | <MDL | 27 | 34.048 | 53.3 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0486 | 8/26/2003 | L29367-12 | 2,4-Dimethylphenol | | 79.3 | | ug/Kg | <MDL | 7 | 8.827 | 14 |
| 0486 | 8/26/2003 | L29367-12 | 2,4-Dichlorophenol | | 79.3 | | ug/Kg | <MDL | 16 | 20.177 | 32 |
| 0486 | 8/26/2003 | L29367-12 | 2,4-DB | | 79.3 | | ug/Kg | <MDL | 1.7 | 2.144 | 5.89 |
| 0486 | 8/26/2003 | L29367-12 | 2,4-D | | 79.3 | | ug/Kg | <MDL | 2.3 | 2.900 | 5.89 |
| 0486 | 8/26/2003 | L29367-12 | 2,4,6-Trichlorophenol | | 79.3 | | ug/Kg | <MDL | 13 | 16.393 | 26 |
| 0486 | 8/26/2003 | L29367-12 | 2-Nitrophenol | | 79.3 | | ug/Kg | <MDL | 15 | 18.916 | 30 |
| 0486 | 8/26/2003 | L29367-12 | 2,4,5-TP (Silvex) | | 79.3 | | ug/Kg | <MDL | 2.2 | 2.774 | 8.84 |
| 0486 | 8/26/2003 | L29367-12 | 2-Methylphenol | | 79.3 | | ug/Kg | <MDL | 19 | 23.960 | 38 |
| 0486 | 8/26/2003 | L29367-12 | 1,4-Dichlorobenzene | | 79.3 | | ug/Kg | <MDL,G | 1.3 | 1.639 | 2.67 |
| 0486 | 8/26/2003 | L29367-12 | 1,3-Dichlorobenzene | | 79.3 | | ug/Kg | <MDL,G | 1.3 | 1.639 | 2.67 |
| 0486 | 8/26/2003 | L29367-12 | 1,2-Diphenylhydrazine | | 79.3 | | ug/Kg | <MDL | 10 | 12.610 | 20 |
| 0486 | 8/26/2003 | L29367-12 | 1,2-Dichlorobenzene | | 79.3 | | ug/Kg | <MDL,G | 1.3 | 1.639 | 2.67 |
| 0486 | 8/26/2003 | L29367-12 | 1,2,4-Trichlorobenzene | | 79.3 | | ug/Kg | <MDL,G | 0.26 | 0.328 | 0.53 |
| 0486 | 8/26/2003 | L29367-12 | Diazinon | | 79.3 | | ug/Kg | <MDL | 32 | 40.353 | 53.3 |
| 0486 | 8/26/2003 | L29367-12 | Dibenzofuran | | 79.3 | | ug/Kg | <MDL | 14 | 17.654 | 28 |
| 0486 | 8/26/2003 | L29367-12 | 2,4,5-Trichlorophenol | | 79.3 | | ug/Kg | <MDL | 12 | 15.132 | 24 |
| 0486 | 8/26/2003 | L29367-12 | Acenaphthylene | | 79.3 | | ug/Kg | <MDL | 15 | 18.916 | 30 |
| 0486 | 8/26/2003 | L29367-12 | Aroclor 1016 | | 79.3 | | ug/Kg | <MDL | 1.3 | 1.639 | 2.5 |
| 0486 | 8/26/2003 | L29367-12 | Antimony, Total, ICP | | 79.3 | | mg/Kg | <MDL | 1.6 | 2.018 | 7.78 |
| 0486 | 8/26/2003 | L29367-12 | Anthracene | | 79.3 | | ug/Kg | <MDL,G | 4 | 5.044 | 8 |
| 0486 | 8/26/2003 | L29367-12 | Aniline | | 79.3 | | ug/Kg | <MDL,X | 19 | 23.960 | 38 |
| 0486 | 8/26/2003 | L29367-12 | Ammonia Nitrogen | 2.05 | 79.3 | 2.585 | mg/Kg | | 0.1 | 0.126 | 0.2 |
| 0486 | 8/26/2003 | L29367-12 | Alpha-Chlordane | | 79.3 | | ug/Kg | <MDL,L | 0.5 | 0.631 | 1 |
| 0486 | 8/26/2003 | L29367-12 | Alpha-BHC | | 79.3 | | ug/Kg | <MDL | 0.5 | 0.631 | 1 |
| 0486 | 8/26/2003 | L29367-12 | 2-Chloronaphthalene | | 79.3 | | ug/Kg | <MDL | 16 | 20.177 | 32 |
| 0486 | 8/26/2003 | L29367-12 | Acid Volatile Sulfides | | 79.3 | | mg/Kg | <MDL | 1 | 1.261 | 1 |
| 0486 | 8/26/2003 | L29367-12 | 2-Chlorophenol | | 79.3 | | ug/Kg | <MDL,G | 8 | 10.088 | 16 |
| 0486 | 8/26/2003 | L29367-12 | Acenaphthene | | 79.3 | | ug/Kg | <MDL | 7 | 8.827 | 14 |
| 0486 | 8/26/2003 | L29367-12 | 4-Methylphenol | | 79.3 | | ug/Kg | <MDL | 16 | 20.177 | 32 |
| 0486 | 8/26/2003 | L29367-12 | 4-Chlorophenyl Phenyl Ether | | 79.3 | | ug/Kg | <MDL | 13 | 16.393 | 26 |
| 0486 | 8/26/2003 | L29367-12 | 4-Bromophenyl Phenyl Ether | | 79.3 | | ug/Kg | <MDL | 9 | 11.349 | 18 |
| 0486 | 8/26/2003 | L29367-12 | 4,4'-DDT | | 79.3 | | ug/Kg | <MDL,L | 1 | 1.261 | 2 |
| 0486 | 8/26/2003 | L29367-12 | 4,4'-DDE | | 79.3 | | ug/Kg | <MDL | 1 | 1.261 | 2 |
| 0486 | 8/26/2003 | L29367-12 | 4,4'-DDD | | 79.3 | | ug/Kg | <MDL | 1 | 1.261 | 2 |
| 0486 | 8/26/2003 | L29367-12 | Aroclor 1221 | | 79.3 | | ug/Kg | <MDL | 2.5 | 3.153 | 5 |
| 0486 | 8/26/2003 | L29367-12 | Aldrin | | 79.3 | | ug/Kg | <MDL | 1 | 1.261 | 2 |
| 0486 | 8/26/2003 | L29367-12 | p+7.00 | 1 | 79.3 | 1.261 | % | | 0.1 | 0.126 | 0.1 |
| 0486 | 8/26/2003 | L29367-12 | Di-N-Butyl Phthalate | | 79.3 | | ug/Kg | B | 788 | 993.695 | 26.7 |
| 0486 | 8/26/2003 | L29367-12 | Dicamba | | 79.3 | | ug/Kg | <MDL | 1.4 | 1.765 | 5.89 |
| 0486 | 8/26/2003 | L29367-12 | p-2.00(less than) | 41 | 79.3 | 51.702 | % | | 0.1 | 0.126 | 0.1 |
| 0486 | 8/26/2003 | L29367-12 | p-2.00 | 3.8 | 79.3 | 4.792 | % | | 0.1 | 0.126 | 0.1 |
| 0486 | 8/26/2003 | L29367-12 | p-1.00 | 9.5 | 79.3 | 11.980 | % | | 0.1 | 0.126 | 0.1 |
| 0486 | 8/26/2003 | L29367-12 | p+8.00 | 0.7 | 79.3 | 0.883 | % | | 0.1 | 0.126 | 0.1 |
| 0486 | 8/26/2003 | L29367-12 | p+6.00 | 0.3 | 79.3 | 0.378 | % | | 0.1 | 0.126 | 0.1 |
| 0486 | 8/26/2003 | L29367-12 | p+5.00 | | 79.3 | | % | <MDL | 0.1 | 0.126 | 0.1 |
| 0486 | 8/26/2003 | L29367-12 | p+9.00 | 0.1 | 79.3 | 0.126 | % | RDL | 0.1 | 0.126 | 0.1 |
| 0486 | 8/26/2003 | L29367-12 | N-Nitrosodiphenylamine | | 79.3 | | ug/Kg | <MDL | 20 | 25.221 | 40 |
| 0486 | 8/26/2003 | L29367-12 | Malathion | | 79.3 | | ug/Kg | <MDL | 85 | 107.188 | 160 |
| 0486 | 8/26/2003 | L29367-12 | Parathion-Methyl | | 79.3 | | ug/Kg | <MDL | 85 | 107.188 | 160 |
| 0486 | 8/26/2003 | L29367-12 | Parathion-Ethyl | | 79.3 | | ug/Kg | <MDL | 85 | 107.188 | 160 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0486 | 8/26/2003 | L29367-12 | Nitrobenzene | | 79.3 | | ug/Kg | <MDL | 16 | 20.177 | 32 |
| 0486 | 8/26/2003 | L29367-12 | Nickel, Total, ICP | 14.2 | 79.3 | 17.907 | mg/Kg | | 1 | 1.261 | 5.18 |
| 0486 | 8/26/2003 | L29367-12 | Phenanthrene | | 79.3 | | ug/Kg | <MDL | 4 | 5.044 | 8 |
| 0486 | 8/26/2003 | L29367-12 | Naphthalene | | 79.3 | | ug/Kg | <MDL,G | 14 | 17.654 | 28 |
| 0486 | 8/26/2003 | L29367-12 | Phenol | | 79.3 | | ug/Kg | <MDL | 9 | 11.349 | 18 |
| 0486 | 8/26/2003 | L29367-12 | N-Nitrosodimethylamine | | 79.3 | | ug/Kg | <MDL,G | 20 | 25.221 | 40 |
| 0486 | 8/26/2003 | L29367-12 | N-Nitrosodi-N-Propylamine | | 79.3 | | ug/Kg | <MDL | 9 | 11.349 | 18 |
| 0486 | 8/26/2003 | L29367-12 | Methoxychlor | | 79.3 | | ug/Kg | <MDL | 5 | 6.305 | 10 |
| 0486 | 8/26/2003 | L29367-12 | Mercury, Total, CVAA | | 79.3 | | mg/Kg | <MDL | 0.019 | 0.024 | 0.191 |
| 0486 | 8/26/2003 | L29367-12 | Mercury, Extractable, SEM | | 79.3 | | mg/Kg | <MDL | 0.001 | 0.001 | 0.00308 |
| 0486 | 8/26/2003 | L29367-12 | Total Organic Carbon | 1040 | 79.3 | 1311.475 | mg/Kg | | 500 | 630.517 | 1000 |
| 0486 | 8/26/2003 | L29367-12 | Nickel, Extractable, SEM | 0.11 | 79.3 | 0.139 | mg/Kg | <RDL | 0.1 | 0.126 | 0.513 |
| 0486 | 8/26/2003 | L29367-12 | Sand | 43.4 | 79.3 | 54.729 | % | | 0.1 | 0.126 | 0.1 |
| 0486 | 8/26/2003 | L29367-12 | Thallium, Total, ICP | | 79.3 | | mg/Kg | <MDL | 10 | 12.610 | 51.8 |
| 0486 | 8/26/2003 | L29367-12 | Silver, Total, ICP | 0.98 | 79.3 | 1.236 | mg/Kg | <RDL | 0.21 | 0.265 | 1.04 |
| 0486 | 8/26/2003 | L29367-12 | Silt | 2 | 79.3 | 2.522 | % | | 0.1 | 0.126 | 0.1 |
| 0486 | 8/26/2003 | L29367-12 | Selenium, Total, ICP | | 79.3 | | mg/Kg | <MDL | 2.6 | 3.279 | 13 |
| 0486 | 8/26/2003 | L29367-12 | Sediment Type | | 79.3 | | none | | | | |
| 0486 | 8/26/2003 | L29367-12 | Pentachlorophenol | | 79.3 | | ug/Kg | <MDL,G | 13 | 16.393 | 26.7 |
| 0486 | 8/26/2003 | L29367-12 | Sediment Sampling Depth | 5 | 79.3 | 6.305 | cm | | | | |
| 0486 | 8/26/2003 | L29367-12 | MCPP | | 79.3 | | ug/Kg | <MDL | 1.2 | 1.513 | 5.89 |
| 0486 | 8/26/2003 | L29367-12 | Sampling Method | | 79.3 | | none | | | | |
| 0486 | 8/26/2003 | L29367-12 | Sample Function | | 79.3 | | none | | | | |
| 0486 | 8/26/2003 | L29367-12 | Sample Description | | 79.3 | | none | | | | |
| 0486 | 8/26/2003 | L29367-12 | Pyridine | | 79.3 | | ug/Kg | <MDL,X | 130 | 163.934 | 267 |
| 0486 | 8/26/2003 | L29367-12 | Pyrene | | 79.3 | | ug/Kg | <MDL | 4 | 5.044 | 8 |
| 0486 | 8/26/2003 | L29367-12 | Phorate | | 79.3 | | ug/Kg | <MDL | 53 | 66.835 | 107 |
| 0486 | 8/26/2003 | L29367-12 | Sediment Sampling Range | | 79.3 | | cm | | | | |
| 0486 | 8/26/2003 | L29367-12 | Disulfoton | | 79.3 | | ug/Kg | <MDL | 32 | 40.353 | 53.3 |
| 0486 | 8/26/2003 | L29367-12 | Manganese, Total, ICP | 141 | 79.3 | 177.806 | mg/Kg | | 0.1 | 0.126 | 0.518 |
| 0486 | 8/26/2003 | L29367-12 | Extractable Phosphorus | 5.06 | 79.3 | 6.381 | mg/Kg | | 0.2 | 0.252 | 0.5 |
| 0486 | 8/26/2003 | L29367-12 | Endrin Aldehyde | | 79.3 | | ug/Kg | <MDL | 2 | 2.522 | 4 |
| 0486 | 8/26/2003 | L29367-12 | Endrin | | 79.3 | | ug/Kg | <MDL | 1 | 1.261 | 2 |
| 0486 | 8/26/2003 | L29367-12 | Endosulfan Sulfate | | 79.3 | | ug/Kg | <MDL | 1 | 1.261 | 2 |
| 0486 | 8/26/2003 | L29367-12 | Fluorene | | 79.3 | | ug/Kg | <MDL | 13 | 16.393 | 26 |
| 0486 | 8/26/2003 | L29367-12 | Endosulfan I | | 79.3 | | ug/Kg | <MDL | 1 | 1.261 | 2 |
| 0486 | 8/26/2003 | L29367-12 | Gamma-BHC (Lindane) | | 79.3 | | ug/Kg | <MDL | 0.5 | 0.631 | 1 |
| 0486 | 8/26/2003 | L29367-12 | Dinoseb | | 79.3 | | ug/Kg | <MDL | 1.9 | 2.396 | 8.84 |
| 0486 | 8/26/2003 | L29367-12 | Dimethyl Phthalate | | 79.3 | | ug/Kg | <MDL | 13 | 16.393 | 26.7 |
| 0486 | 8/26/2003 | L29367-12 | Diethyl Phthalate | | 79.3 | | ug/Kg | <MDL | 13 | 16.393 | 26.7 |
| 0486 | 8/26/2003 | L29367-12 | Diesel Range (>C12 Thru C24) | | 79.3 | | mg/Kg | <MDL | 50 | 63.052 | 50 |
| 0486 | 8/26/2003 | L29367-12 | Dieldrin | | 79.3 | | ug/Kg | <MDL | 1 | 1.261 | 2 |
| 0486 | 8/26/2003 | L29367-12 | Dichloroprop | | 79.3 | | ug/Kg | <MDL | 2.2 | 2.774 | 5.89 |
| 0486 | 8/26/2003 | L29367-12 | Endosulfan II | | 79.3 | | ug/Kg | <MDL | 1 | 1.261 | 2 |
| 0486 | 8/26/2003 | L29367-12 | MCPA | | 79.3 | | ug/Kg | <MDL | 2.6 | 3.279 | 5.89 |
| 0486 | 8/26/2003 | L29367-12 | Lube Oil Range ( >C24) | | 79.3 | | mg/Kg | <MDL | 100 | 126.103 | 100 |
| 0486 | 8/26/2003 | L29367-12 | Lead, Total, ICP | 2.4 | 79.3 | 3.026 | mg/Kg | <RDL | 1.6 | 2.018 | 7.78 |
| 0486 | 8/26/2003 | L29367-12 | Lead, Extractable, SEM | 0.59 | 79.3 | 0.744 | mg/Kg | <RDL | 0.15 | 0.189 | 0.769 |
| 0486 | 8/26/2003 | L29367-12 | Isophorone | | 79.3 | | ug/Kg | <MDL,G | 19 | 23.960 | 38 |
| 0486 | 8/26/2003 | L29367-12 | Fluoranthene | | 79.3 | | ug/Kg | <MDL | 8 | 10.088 | 16 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0486 | 8/26/2003 | L29367-12 | Hexachloroethane | | 79.3 | | ug/Kg | <MDL,G | 15 | 18.916 | 30 |
| 0486 | 8/26/2003 | L29367-12 | Indeno(1,2,3-Cd)Pyrene | | 79.3 | | ug/Kg | <MDL | 9 | 11.349 | 18 |
| 0486 | 8/26/2003 | L29367-12 | Hexachlorobenzene | | 79.3 | | ug/Kg | <MDL | 0.66 | 0.832 | 1.33 |
| 0486 | 8/26/2003 | L29367-12 | Heptachlor Epoxide | | 79.3 | | ug/Kg | <MDL | 0.5 | 0.631 | 1 |
| 0486 | 8/26/2003 | L29367-12 | Heptachlor | | 79.3 | | ug/Kg | <MDL | 0.5 | 0.631 | 1 |
| 0486 | 8/26/2003 | L29367-12 | Gravel | 54.3 | 79.3 | 68.474 | % | | 0.1 | 0.126 | 0.1 |
| 0486 | 8/26/2003 | L29367-12 | Gasoline Range (C7 Thru C12) | | 79.3 | | mg/Kg | <MDL | 20 | 25.221 | 20 |
| 0486 | 8/26/2003 | L29367-12 | Gamma-Chlordane | | 79.3 | | ug/Kg | <MDL | 0.5 | 0.631 | 1 |
| 0486 | 8/26/2003 | L29367-12 | Hexachlorobutadiene | | 79.3 | | ug/Kg | <MDL,G | 0.75 | 0.946 | 1.5 |
| 0486 | 8/26/2003 | L29367-12 | Total Phosphorus | 299 | 79.3 | 377.049 | mg/Kg | B | 64 | 80.706 | 12.5 |
| 0486 | 8/26/2003 | L29367-12 | p+4.00 | 0.7 | 79.3 | 0.883 | % | | 0.1 | 0.126 | 0.1 |
| 0486 | 8/26/2003 | L29367-12 | p+3.00 | 2 | 79.3 | 2.522 | % | | 0.1 | 0.126 | 0.1 |
| 0486 | 8/26/2003 | L29367-12 | p+2.00 | 9.3 | 79.3 | 11.728 | % | | 0.1 | 0.126 | 0.1 |
| 0486 | 8/26/2003 | L29367-12 | p+10.0 | | 79.3 | | % | <MDL | 0.1 | 0.126 | 0.1 |
| 0486 | 8/26/2003 | L29367-12 | p+1.00 | 23.9 | 79.3 | 30.139 | % | | 0.1 | 0.126 | 0.1 |
| 0486 | 8/26/2003 | L29367-12 | p+0.00 | 7.5 | 79.3 | 9.458 | % | | 0.1 | 0.126 | 0.1 |
| 0486 | 8/26/2003 | L29367-12 | Zinc, Extractable, SEM | 1.96 | 79.3 | 2.472 | mg/Kg | | 0.026 | 0.033 | 0.128 |
| 0486 | 8/26/2003 | L29367-12 | Toxaphene | | 79.3 | | ug/Kg | <MDL | 10 | 12.610 | 20 |
| 0486 | 8/26/2003 | L29367-12 | Total Sulfide | 86 | 79.3 | 108.449 | mg/Kg | H,G | 1 | 1.261 | 1 |
| 0486 | 8/26/2003 | L29367-12 | Total Solids | 79.3 | 79.3 | 100.000 | % | | 0.005 | 0.006 | 0.01 |
| 0486 | 8/26/2003 | L29367-12 | p+10.0(more than) | | 79.3 | | % | <MDL | 0.1 | 0.126 | 0.1 |
| 0486 | 8/26/2003 | L29367-12 | Zinc, Total, ICP | 21.1 | 79.3 | 26.608 | mg/Kg | | 0.26 | 0.328 | 1.3 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Methoxychlor | | 63.7 | | ug/Kg | <MDL | 5 | 7.849 | 10 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | MCPA | | 63.7 | | ug/Kg | <MDL | 0.96 | 1.507 | 6.4 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | MCPP | | 63.7 | | ug/Kg | <MDL | 1.8 | 2.826 | 6.4 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Malathion | | 63.7 | | ug/Kg | <MDL | 53 | 83.203 | 100 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Manganese, Total, ICP | 124 | 63.7 | 194.662 | mg/Kg | | 0.096 | 0.151 | 0.481 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | N-Nitrosodiphenylamine | | 63.7 | | ug/Kg | <MDL | 20 | 31.397 | 40 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Mercury, Extractable, SEM | | 63.7 | | mg/Kg | <MDL | 0.011 | 0.017 | 0.0325 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | N-Nitrosodimethylamine | | 63.7 | | ug/Kg | <MDL,X | 20 | 31.397 | 40 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Parathion-Ethyl | | 63.7 | | ug/Kg | <MDL | 53 | 83.203 | 100 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Mercury, Total, CVAA | | 63.7 | | mg/Kg | <MDL | 0.02 | 0.031 | 0.201 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Mono-n-Butyltin (as monobutyltin io | 1.8 | 63.7 | 2.826 | ug/Kg | <RDL | 1.7 | 2.669 | 3.37 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | N-Nitrosodi-N-Propylamine | | 63.7 | | ug/Kg | <MDL | 9 | 14.129 | 18 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Naphthalene | | 63.7 | | ug/Kg | <MDL,G | 14 | 21.978 | 28 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Nitrobenzene | | 63.7 | | ug/Kg | <MDL,G | 16 | 25.118 | 32 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Nickel, Total, ICP | 14 | 63.7 | 21.978 | mg/Kg | | 0.96 | 1.507 | 4.81 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Lube Oil Range ( >C24) | | 63.7 | | mg/Kg | <MDL | 100 | 156.986 | 100 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Nickel, Extractable, SEM | 5.07 | 63.7 | 7.959 | mg/Kg | E | 0.99 | 1.554 | 4.93 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Heptachlor | | 63.7 | | ug/Kg | <MDL | 0.5 | 0.785 | 1 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Parathion-Methyl | | 63.7 | | ug/Kg | <MDL | 53 | 83.203 | 100 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Gasoline Range (C7 Thru C12) | | 63.7 | | mg/Kg | <MDL | 20 | 31.397 | 20 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Pentachlorophenol | | 63.7 | | ug/Kg | <MDL | 5 | 7.849 | 10 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Endosulfan Sulfate | | 63.7 | | ug/Kg | <MDL | 1 | 1.570 | 2 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Endosulfan I | | 63.7 | | ug/Kg | <MDL | 1 | 1.570 | 2 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Endrin | | 63.7 | | ug/Kg | <MDL | 1 | 1.570 | 2 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Endrin Aldehyde | | 63.7 | | ug/Kg | <MDL,G | 2 | 3.140 | 4 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Extractable Phosphorus | 8.46 | 63.7 | 13.281 | mg/Kg | | 0.2 | 0.314 | 0.5 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Fluoranthene | 21.5 | 63.7 | 33.752 | ug/Kg | L | 8 | 12.559 | 16 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Hexachlorobenzene | | 63.7 | | ug/Kg | <MDL | 0.66 | 1.036 | 1.33 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Gamma-BHC (Lindane) | | 63.7 | | ug/Kg | <MDL | 0.5 | 0.785 | 1 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Lead, Total, ICP | 2.1 | 63.7 | 3.297 | mg/Kg | <RDL | 1.4 | 2.198 | 7.22 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Endosulfan II | | 63.7 | | ug/Kg | <MDL | 1 | 1.570 | 2 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Gravel | 8.2 | 63.7 | 12.873 | % | | 0.1 | 0.157 | 0.1 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Heptachlor Epoxide | | 63.7 | | ug/Kg | <MDL | 0.5 | 0.785 | 1 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Hexachlorobutadiene | | 63.7 | | ug/Kg | <MDL,G | 0.75 | 1.177 | 1.5 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Hexachloroethane | | 63.7 | | ug/Kg | <MDL,G | 15 | 23.548 | 30 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Indeno(1,2,3-Cd)Pyrene | 9.7 | 63.7 | 15.228 | ug/Kg | <RDL,G | 9 | 14.129 | 18 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Isophorone | | 63.7 | | ug/Kg | <MDL | 19 | 29.827 | 38 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Lead, Extractable, SEM | | 63.7 | | mg/Kg | <MDL | 1.5 | 2.355 | 7.39 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Fluorene | | 63.7 | | ug/Kg | <MDL | 13 | 20.408 | 26 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | p+6.00 | 0.5 | 63.7 | 0.785 | % | | 0.1 | 0.157 | 0.1 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | p+10.0(more than) | | 63.7 | | % | <MDL | 0.1 | 0.157 | 0.1 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Zinc, Extractable, SEM | 19.6 | 63.7 | 30.769 | mg/Kg | B,E | 7.5 | 11.774 | 1.23 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Zinc, Total, ICP | 23.9 | 63.7 | 37.520 | mg/Kg | | 0.24 | 0.377 | 1.2 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | p+0.00 | 3.8 | 63.7 | 5.965 | % | | 0.1 | 0.157 | 0.1 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | p+1.00 | 19.6 | 63.7 | 30.769 | % | | 0.1 | 0.157 | 0.1 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | p+10.0 | | 63.7 | | % | <MDL | 0.1 | 0.157 | 0.1 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | p+2.00 | 47.2 | 63.7 | 74.097 | % | | 0.1 | 0.157 | 0.1 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | p+3.00 | 15.2 | 63.7 | 23.862 | % | | 0.1 | 0.157 | 0.1 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Toxaphene | | 63.7 | | ug/Kg | <MDL | 10 | 15.699 | 20 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | p+5.00 | 0.1 | 63.7 | 0.157 | % | RDL | 0.1 | 0.157 | 0.1 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Total Sulfide | 5.8 | 63.7 | 9.105 | mg/Kg | | 2 | 3.140 | 2 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | p+7.00 | 1.8 | 63.7 | 2.826 | % | | 0.1 | 0.157 | 0.1 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | p+8.00 | | 63.7 | | % | <MDL | 0.1 | 0.157 | 0.1 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | p+9.00 | | 63.7 | | % | <MDL | 0.1 | 0.157 | 0.1 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | p-1.00 | 2.4 | 63.7 | 3.768 | % | | 0.1 | 0.157 | 0.1 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | p-2.00 | 0.9 | 63.7 | 1.413 | % | | 0.1 | 0.157 | 0.1 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | p-2.00(less than) | 4.9 | 63.7 | 7.692 | % | | 0.1 | 0.157 | 0.1 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Dichloroprop | | 63.7 | | ug/Kg | <MDL | 0.68 | 1.068 | 6.4 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Disulfoton | | 63.7 | | ug/Kg | <MDL | 20 | 31.397 | 33.3 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | p+4.00 | 3.6 | 63.7 | 5.651 | % | | 0.1 | 0.157 | 0.1 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Sediment Type | | 63.7 | | none | | | | |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Phenol | | 63.7 | | ug/Kg | <MDL | 9 | 14.129 | 18 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Phorate | | 63.7 | | ug/Kg | <MDL | 33 | 51.805 | 66.7 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Pyrene | 27.3 | 63.7 | 42.857 | ug/Kg | L | 4 | 6.279 | 8 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Sample Depth | 0.5 | 63.7 | 0.785 | m | | | | |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Sample Description | | 63.7 | | none | | | | |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Sample Function | | 63.7 | | none | | | | |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Sampling Method | | 63.7 | | none | | | | |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Sand | 89.4 | 63.7 | 140.345 | % | | 0.1 | 0.157 | 0.1 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Tri-n-Butyltin (as tributyltin ion) | | 63.7 | | ug/Kg | <MDL,E | 0.21 | 0.330 | 0.415 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Sediment Sampling Range | | 63.7 | | none | | | | |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Phenanthrene | 11.7 | 63.7 | 18.367 | ug/Kg | | 4 | 6.279 | 8 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Selenium, Total, ICP | | 63.7 | | mg/Kg | <MDL | 2.4 | 3.768 | 12 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Silt | 2.4 | 63.7 | 3.768 | % | | 0.1 | 0.157 | 0.1 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Silver, Total, ICP | | 63.7 | | mg/Kg | <MDL | 0.19 | 0.298 | 0.962 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Tetra-n-Butyltin (as tetrabutyltin) | | 63.7 | | ug/Kg | <MDL | 0.4 | 0.628 | 0.801 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Thallium, Total, ICP | | 63.7 | | mg/Kg | <MDL | 9.6 | 15.071 | 48.1 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Total Organic Carbon | 8740 | 63.7 | 13720.565 | mg/Kg | | 500 | 784.929 | 1000 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Total Phosphorus | 164 | 63.7 | 257.457 | mg/Kg | | 6.3 | 9.890 | 12.5 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Total Solids | 63.7 | 63.7 | 100.000 | % | | 0.005 | 0.008 | 0.01 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Sediment Sampling Depth | | 63.7 | | cm | | | | |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Dinoseb | | 63.7 | | ug/Kg | <MDL | 0.53 | 0.832 | 6.4 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Diesel Range (>C12 Thru C24) | | 63.7 | | mg/Kg | <MDL | 50 | 78.493 | 50 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Aroclor 1016 | | 63.7 | | ug/Kg | <MDL | 1.3 | 2.041 | 2.5 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | 4,4'-DDE | | 63.7 | | ug/Kg | <MDL | 1 | 1.570 | 2 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Benzyl Alcohol | | 63.7 | | ug/Kg | <MDL,G | 6 | 9.419 | 12 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Benzoic Acid | 190 | 63.7 | 298.273 | ug/Kg | G | 6 | 9.419 | 12 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Benzo(k)fluoranthene | | 63.7 | | ug/Kg | B | 33 | 51.805 | 6 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Benzo(g,h,i)perylene | | 63.7 | | ug/Kg | <MDL | 8 | 12.559 | 16 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Benzo(b)fluoranthene | 9.95 | 63.7 | 15.620 | ug/Kg | | 3 | 4.710 | 6 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Benzo(a)pyrene | | 63.7 | | ug/Kg | B | 86.4 | 135.636 | 6 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Benzo(a)anthracene | 11.8 | 63.7 | 18.524 | ug/Kg | | 2 | 3.140 | 4 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Arsenic, Total, ICP | | 63.7 | | mg/Kg | <MDL | 2.4 | 3.768 | 12 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Aroclor 1260 | | 63.7 | | ug/Kg | <MDL | 1.3 | 2.041 | 2.5 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Aroclor 1254 | | 63.7 | | ug/Kg | <MDL | 1.3 | 2.041 | 2.5 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Aroclor 1248 | | 63.7 | | ug/Kg | <MDL | 1.3 | 2.041 | 2.5 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Aroclor 1242 | | 63.7 | | ug/Kg | <MDL | 1.3 | 2.041 | 2.5 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Beryllium, Total, ICP | 0.09 | 63.7 | 0.141 | mg/Kg | <RDL | 0.048 | 0.075 | 0.241 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Aldrin | | 63.7 | | ug/Kg | <MDL | 1 | 1.570 | 2 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | 4,4'-DDT | | 63.7 | | ug/Kg | <MDL | 1 | 1.570 | 2 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | 4-Bromophenyl Phenyl Ether | | 63.7 | | ug/Kg | <MDL | 9 | 14.129 | 18 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | 4-Chlorophenyl Phenyl Ether | | 63.7 | | ug/Kg | <MDL | 13 | 20.408 | 26 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | 4-Methylphenol | | 63.7 | | ug/Kg | <MDL | 16 | 25.118 | 32 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Acenaphthene | | 63.7 | | ug/Kg | <MDL | 7 | 10.989 | 14 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Aroclor 1232 | | 63.7 | | ug/Kg | <MDL | 2.5 | 3.925 | 5 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Acid Volatile Sulfides | 1.2 | 63.7 | 1.884 | mg/Kg | E | 1 | 1.570 | 1 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Aroclor 1221 | | 63.7 | | ug/Kg | <MDL | 2.5 | 3.925 | 5 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Alpha-BHC | | 63.7 | | ug/Kg | <MDL | 0.5 | 0.785 | 1 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Ammonia Nitrogen | 4.43 | 63.7 | 6.954 | mg/Kg | | 0.1 | 0.157 | 0.2 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Aniline | | 63.7 | | ug/Kg | <MDL,X | 19 | 29.827 | 38 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Anthracene | | 63.7 | | ug/Kg | <MDL,G,E | 4 | 6.279 | 8 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Antimony, Total, ICP | | 63.7 | | mg/Kg | <MDL,G | 1.4 | 2.198 | 7.22 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Beta-BHC | | 63.7 | | ug/Kg | <MDL | 0.5 | 0.785 | 1 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Acenaphthylene | | 63.7 | | ug/Kg | <MDL | 15 | 23.548 | 30 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Clay | | 63.7 | | % | <MDL | 0.1 | 0.157 | 0.1 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Dimethyl Phthalate | | 63.7 | | ug/Kg | <MDL | 11 | 17.268 | 22 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Diethyl Phthalate | | 63.7 | | ug/Kg | <MDL | 6 | 9.419 | 12 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Dieldrin | | 63.7 | | ug/Kg | <MDL | 1 | 1.570 | 2 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Dicamba | | 63.7 | | ug/Kg | <MDL | 1.6 | 2.512 | 6.4 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Dibenzofuran | | 63.7 | | ug/Kg | <MDL | 14 | 21.978 | 28 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Dibenzo(a,h)anthracene | | 63.7 | | ug/Kg | <MDL,B,L | 110 | 172.684 | 14 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Diazinon | | 63.7 | | ug/Kg | <MDL | 20 | 31.397 | 33.3 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Di-n-Butyltin (as dibutyltin ion) | | 63.7 | | ug/Kg | <MDL,E | 0.35 | 0.549 | 0.7 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Di-N-Octyl Phthalate | | 63.7 | | ug/Kg | <MDL | 8 | 12.559 | 16 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Di-N-Butyl Phthalate | | 63.7 | | ug/Kg | <MDL,B | 5 | 7.849 | 10 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Delta-BHC | | 63.7 | | ug/Kg | <MDL | 0.5 | 0.785 | 1 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Dalapon | | 63.7 | | ug/Kg | <MDL | 2 | 3.140 | 6.4 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Coprostanol | | 63.7 | | ug/Kg | <MDL | 14 | 21.978 | 28 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Benzyl Butyl Phthalate | | 63.7 | | ug/Kg | <MDL | 6 | 9.419 | 12 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Carbazole | | 63.7 | | ug/Kg | <MDL | 7 | 10.989 | 14 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Bis(2-Chloroethoxy)Methane | | 63.7 | | ug/Kg | <MDL | 17 | 26.688 | 34 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Bis(2-Chloroethyl)Ether | | 63.7 | | ug/Kg | <MDL,G | 15 | 23.548 | 30 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Bis(2-Chloroisopropyl)Ether | | 63.7 | | ug/Kg | <MDL | 15 | 23.548 | 30 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Bis(2-Ethylhexyl)Phthalate | | 63.7 | | ug/Kg | B,L | 160 | 251.177 | 14 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Copper, Total, ICP | 3.79 | 63.7 | 5.950 | mg/Kg | | 0.19 | 0.298 | 0.962 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Copper, Extractable, SEM | 1.77 | 63.7 | 2.779 | mg/Kg | E | 0.2 | 0.314 | 0.985 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Chlordane | | 63.7 | | ug/Kg | <MDL | 0.5 | 0.785 | 1 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Chlorpyrifos | | 63.7 | | ug/Kg | <MDL | 33 | 51.805 | 66.7 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Chromium, Extractable, SEM | 3.05 | 63.7 | 4.788 | mg/Kg | E | 0.25 | 0.392 | 1.23 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Chromium, Total, ICP | 19.2 | 63.7 | 30.141 | mg/Kg | | 0.24 | 0.377 | 1.2 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Chrysene | 12.2 | 63.7 | 19.152 | ug/Kg | | 4 | 6.279 | 8 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Cadmium, Extractable, SEM | | 63.7 | | mg/Kg | <MDL | 0.15 | 0.235 | 0.739 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Cadmium, Total, ICP | | 63.7 | | mg/Kg | <MDL | 0.14 | 0.220 | 0.722 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | Caffeine | | 63.7 | | ug/Kg | <MDL | 6 | 9.419 | 12 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | 4,4'-DDD | | 63.7 | | ug/Kg | <MDL | 1 | 1.570 | 2 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | 1,2-Dichlorobenzene | | 63.7 | | ug/Kg | <MDL,G | 0.26 | 0.408 | 0.53 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | 2-Nitrophenol | | 63.7 | | ug/Kg | <MDL | 15 | 23.548 | 30 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | 2-Methylphenol | | 63.7 | | ug/Kg | <MDL | 19 | 29.827 | 38 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | 2-Methylnaphthalene | | 63.7 | | ug/Kg | <MDL | 14 | 21.978 | 28 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | 2-Chlorophenol | | 63.7 | | ug/Kg | <MDL,G | 8 | 12.559 | 16 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | 2-Chloronaphthalene | | 63.7 | | ug/Kg | <MDL | 16 | 25.118 | 32 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | 2,6-Dinitrotoluene | | 63.7 | | ug/Kg | <MDL | 10 | 15.699 | 20 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | 1,2,4-Trichlorobenzene | | 63.7 | | ug/Kg | <MDL,G | 0.26 | 0.408 | 0.53 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | 1,2-Diphenylhydrazine | | 63.7 | | ug/Kg | <MDL | 10 | 15.699 | 20 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | 1,3-Dichlorobenzene | | 63.7 | | ug/Kg | <MDL,G | 0.26 | 0.408 | 0.53 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | 1,4-Dichlorobenzene | | 63.7 | | ug/Kg | <MDL,G | 0.13 | 0.204 | 0.264 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | 2,4,5-T | | 63.7 | | ug/Kg | <MDL | 1.4 | 2.198 | 6.4 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | 2,4-Dichlorophenol | | 63.7 | | ug/Kg | <MDL | 16 | 25.118 | 32 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | 2,4-Dinitrotoluene | | 63.7 | | ug/Kg | <MDL | 3 | 4.710 | 6 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | 2,4,5-TP (Silvex) | | 63.7 | | ug/Kg | <MDL | 2.1 | 3.297 | 6.4 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | 2,4-Dimethylphenol | | 63.7 | | ug/Kg | <MDL | 7 | 10.989 | 14 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | 2,4-DB | | 63.7 | | ug/Kg | <MDL | 0.9 | 1.413 | 6.4 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | 2,4-D | | 63.7 | | ug/Kg | <MDL | 0.53 | 0.832 | 6.4 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | 2,4,6-Trichlorophenol | | 63.7 | | ug/Kg | <MDL | 13 | 20.408 | 26 |
| SAMM_BEAR_MOUTH | 10/18/2001 | L22024-11 | 2,4,5-Trichlorophenol | | 63.7 | | ug/Kg | <MDL | 12 | 18.838 | 24 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Endosulfan II | | 81.3 | | ug/Kg | <MDL | 1 | 1.230 | 2 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Hexachlorobutadiene | | 81.3 | | ug/Kg | <MDL,G | 0.75 | 0.923 | 1.5 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Di-N-Butyl Phthalate | | 81.3 | | ug/Kg | B | 788 | 969.250 | 26.7 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Di-N-Octyl Phthalate | | 81.3 | | ug/Kg | <MDL | 13 | 15.990 | 26.7 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Diazinon | | 81.3 | | ug/Kg | <MDL | 32 | 39.360 | 53.3 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Dibenzofuran | | 81.3 | | ug/Kg | <MDL | 14 | 17.220 | 28 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Dichloroprop | | 81.3 | | ug/Kg | <MDL | 2.2 | 2.706 | 5.85 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Dieldrin | | 81.3 | | ug/Kg | <MDL | 1 | 1.230 | 2 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Diesel Range (>C12 Thru C24) | | 81.3 | | mg/Kg | <MDL | 50 | 61.501 | 50 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Diethyl Phthalate | | 81.3 | | ug/Kg | <MDL | 13 | 15.990 | 26.7 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Dimethyl Phthalate | | 81.3 | | ug/Kg | <MDL | 13 | 15.990 | 26.7 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Dinoseb | | 81.3 | | ug/Kg | <MDL | 1.9 | 2.337 | 8.77 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Dalapon | | 81.3 | | ug/Kg | <MDL | 1.3 | 1.599 | 5.85 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Fluorene | | 81.3 | | ug/Kg | <MDL | 13 | 15.990 | 26 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Aroclor 1242 | | 81.3 | | ug/Kg | <MDL | 1.3 | 1.599 | 2.5 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Heptachlor Epoxide | | 81.3 | | ug/Kg | <MDL | 0.5 | 0.615 | 1 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Heptachlor | | 81.3 | | ug/Kg | <MDL | 0.5 | 0.615 | 1 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Gravel | 41.2 | 81.3 | 50.677 | % | | 0.1 | 0.123 | 0.1 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Gasoline Range (C7 Thru C12) | | 81.3 | | mg/Kg | <MDL | 20 | 24.600 | 20 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Disulfoton | | 81.3 | | ug/Kg | <MDL | 32 | 39.360 | 53.3 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Gamma-BHC (Lindane) | | 81.3 | | ug/Kg | <MDL | 0.5 | 0.615 | 1 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Endosulfan I | | 81.3 | | ug/Kg | <MDL | 1 | 1.230 | 2 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Fluoranthene | | 81.3 | | ug/Kg | <MDL | 8 | 9.840 | 16 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Extractable Phosphorus | 6.76 | 81.3 | 8.315 | mg/Kg | | 0.2 | 0.246 | 0.5 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Endrin Aldehyde | | 81.3 | | ug/Kg | <MDL | 2 | 2.460 | 4 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Endrin | | 81.3 | | ug/Kg | <MDL | 1 | 1.230 | 2 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Endosulfan Sulfate | | 81.3 | | ug/Kg | <MDL | 1 | 1.230 | 2 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Coprostanol | | 81.3 | | ug/Kg | <MDL | 130 | 159.902 | 267 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Gamma-Chlordane | | 81.3 | | ug/Kg | <MDL | 0.5 | 0.615 | 1 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Bis(2-Chloroethyl)Ether | | 81.3 | | ug/Kg | <MDL,G | 15 | 18.450 | 30 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Aroclor 1248 | | 81.3 | | ug/Kg | <MDL | 1.3 | 1.599 | 2.5 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Aroclor 1254 | | 81.3 | | ug/Kg | <MDL | 1.3 | 1.599 | 2.5 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Aroclor 1260 | | 81.3 | | ug/Kg | <MDL | 1.3 | 1.599 | 2.5 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Arsenic, Total, ICP | 2.8 | 81.3 | 3.444 | mg/Kg | <RDL | 2.6 | 3.198 | 12.9 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Benzo(a)anthracene | | 81.3 | | ug/Kg | <MDL | 2 | 2.460 | 4 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Benzo(a)pyrene | | 81.3 | | ug/Kg | <MDL | 3 | 3.690 | 6 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Benzo(b)fluoranthene | | 81.3 | | ug/Kg | <MDL | 3 | 3.690 | 6 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Benzo(g,h,i)perylene | | 81.3 | | ug/Kg | <MDL | 8 | 9.840 | 16 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Benzo(k)fluoranthene | | 81.3 | | ug/Kg | <MDL | 3 | 3.690 | 6 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Benzoic Acid | | 81.3 | | ug/Kg | <MDL | 27 | 33.210 | 53.3 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Benzyl Alcohol | | 81.3 | | ug/Kg | <MDL | 6 | 7.380 | 12 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Benzyl Butyl Phthalate | | 81.3 | | ug/Kg | <MDL | 13 | 15.990 | 26.7 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Beryllium, Total, ICP | 0.098 | 81.3 | 0.121 | mg/Kg | <RDL | 0.052 | 0.064 | 0.258 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Delta-BHC | | 81.3 | | ug/Kg | <MDL | 0.5 | 0.615 | 1 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Carbazole | | 81.3 | | ug/Kg | <MDL | 7 | 8.610 | 14 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Copper, Total, ICP | 4.43 | 81.3 | 5.449 | mg/Kg | | 0.21 | 0.258 | 1.03 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Copper, Extractable, SEM | 0.419 | 81.3 | 0.515 | mg/Kg | | 0.026 | 0.032 | 0.129 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Clay | 0.1 | 81.3 | 0.123 | % | RDL,E | 0.1 | 0.123 | 0.1 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Chrysene | | 81.3 | | ug/Kg | <MDL | 4 | 4.920 | 8 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Chromium, Total, ICP | 19.4 | 81.3 | 23.862 | mg/Kg | | 0.26 | 0.320 | 1.29 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Beta-BHC | | 81.3 | | ug/Kg | <MDL | 0.5 | 0.615 | 1 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Chlorpyrifos | | 81.3 | | ug/Kg | <MDL | 53 | 65.191 | 107 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Bis(2-Chloroethoxy)Methane | | 81.3 | | ug/Kg | <MDL | 17 | 20.910 | 34 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Caffeine | | 81.3 | | ug/Kg | <MDL | 6 | 7.380 | 12 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Cadmium, Total, ICP | | 81.3 | | mg/Kg | <MDL | 0.15 | 0.185 | 0.773 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Cadmium, Extractable, SEM | | 81.3 | | mg/Kg | <MDL | 0.019 | 0.023 | 0.0969 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Bis(2-Ethylhexyl)Phthalate | | 81.3 | | ug/Kg | <RDL,B | 291 | 357.934 | 26.7 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Bis(2-Chloroisopropyl)Ether | | 81.3 | | ug/Kg | <MDL | 15 | 18.450 | 30 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Hexachloroethane | | 81.3 | | ug/Kg | <MDL,G | 15 | 18.450 | 30 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Chromium, Extractable, SEM | 0.202 | 81.3 | 0.248 | mg/Kg | | 0.032 | 0.039 | 0.162 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | p+1.00 | 21.9 | 81.3 | 26.937 | % | | 0.1 | 0.123 | 0.1 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Hexachlorobenzene | | 81.3 | | ug/Kg | <MDL | 0.66 | 0.812 | 1.33 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Sediment Sampling Range | | 81.3 | | cm | | | | |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Sediment Type | | 81.3 | | none | | | | |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Selenium, Total, ICP | | 81.3 | | mg/Kg | <MDL | 2.6 | 3.198 | 12.9 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Silt | 3 | 81.3 | 3.690 | % | | 0.1 | 0.123 | 0.1 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Silver, Total, ICP | 0.78 | 81.3 | 0.959 | mg/Kg | <RDL | 0.21 | 0.258 | 1.03 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Thallium, Total, ICP | | 81.3 | | mg/Kg | <MDL | 10 | 12.300 | 51.6 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Total Organic Carbon | 2080 | 81.3 | 2558.426 | mg/Kg | | 500 | 615.006 | 1000 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Total Phosphorus | 305 | 81.3 | 375.154 | mg/Kg | B | 64 | 78.721 | 12.5 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Total Solids | 81.3 | 81.3 | 100.000 | % | | 0.005 | 0.006 | 0.01 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Total Sulfide | 18 | 81.3 | 22.140 | mg/Kg | H,G | 1 | 1.230 | 1 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Toxaphene | | 81.3 | | ug/Kg | <MDL | 10 | 12.300 | 20 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Zinc, Extractable, SEM | 2.22 | 81.3 | 2.731 | mg/Kg | | 0.032 | 0.039 | 0.162 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Sand | 56 | 81.3 | 68.881 | % | | 0.1 | 0.123 | 0.1 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | p+5.00 | 0.1 | 81.3 | 0.123 | % | RDL | 0.1 | 0.123 | 0.1 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | p-2.00(less than) | 25.2 | 81.3 | 30.996 | % | | 0.1 | 0.123 | 0.1 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | p-2.00 | 3.7 | 81.3 | 4.551 | % | | 0.1 | 0.123 | 0.1 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | p-1.00 | 12.3 | 81.3 | 15.129 | % | | 0.1 | 0.123 | 0.1 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | p+9.00 | 0.1 | 81.3 | 0.123 | % | RDL | 0.1 | 0.123 | 0.1 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | p+8.00 | 1 | 81.3 | 1.230 | % | | 0.1 | 0.123 | 0.1 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Zinc, Total, ICP | 29.1 | 81.3 | 35.793 | mg/Kg | | 0.26 | 0.320 | 1.29 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | p+6.00 | 1.1 | 81.3 | 1.353 | % | | 0.1 | 0.123 | 0.1 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | p+0.00 | 10.4 | 81.3 | 12.792 | % | | 0.1 | 0.123 | 0.1 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | p+4.00 | 0.6 | 81.3 | 0.738 | % | | 0.1 | 0.123 | 0.1 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | p+3.00 | 3.2 | 81.3 | 3.936 | % | | 0.1 | 0.123 | 0.1 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | p+2.00 | 19.9 | 81.3 | 24.477 | % | | 0.1 | 0.123 | 0.1 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | p+10.0(more than) | | 81.3 | | % | <MDL | 0.1 | 0.123 | 0.1 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | p+10.0 | | 81.3 | | % | <MDL | 0.1 | 0.123 | 0.1 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Sampling Method | | 81.3 | | none | | | | |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | p+7.00 | 0.8 | 81.3 | 0.984 | % | | 0.1 | 0.123 | 0.1 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Naphthalene | | 81.3 | | ug/Kg | <MDL,G | 14 | 17.220 | 28 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Indeno(1,2,3-Cd)Pyrene | | 81.3 | | ug/Kg | <MDL | 9 | 11.070 | 18 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Isophorone | | 81.3 | | ug/Kg | <MDL,G | 19 | 23.370 | 38 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Lead, Extractable, SEM | 0.981 | 81.3 | 1.207 | mg/Kg | | 0.19 | 0.234 | 0.969 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Lead, Total, ICP | 2.5 | 81.3 | 3.075 | mg/Kg | <RDL | 1.5 | 1.845 | 7.73 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Lube Oil Range ( >C24) | | 81.3 | | mg/Kg | <MDL | 100 | 123.001 | 100 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | MCPA | | 81.3 | | ug/Kg | <MDL | 2.6 | 3.198 | 5.85 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | MCPP | | 81.3 | | ug/Kg | <MDL | 1.2 | 1.476 | 5.85 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Malathion | | 81.3 | | ug/Kg | <MDL | 85 | 104.551 | 160 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Manganese, Total, ICP | 227 | 81.3 | 279.213 | mg/Kg | | 0.1 | 0.123 | 0.516 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Mercury, Extractable, SEM | | 81.3 | | mg/Kg | <MDL | 0.0013 | 0.002 | 0.00388 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Mercury, Total, CVAA | | 81.3 | | mg/Kg | <MDL | 0.02 | 0.025 | 0.2 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Methoxychlor | | 81.3 | | ug/Kg | <MDL | 5 | 6.150 | 10 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | N-Nitrosodi-N-Propylamine | | 81.3 | | ug/Kg | <MDL | 9 | 11.070 | 18 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Sediment Sampling Depth | 5 | 81.3 | 6.150 | cm | | | | |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Pentachlorophenol | | 81.3 | | ug/Kg | <MDL,G | 13 | 15.990 | 26.7 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Sample Function | | 81.3 | | none | | | | |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Sample Description | | 81.3 | | none | | | | |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Pyridine | | 81.3 | | ug/Kg | <MDL,X | 130 | 159.902 | 267 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Pyrene | | 81.3 | | ug/Kg | <MDL | 4 | 4.920 | 8 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Phorate | | 81.3 | | ug/Kg | <MDL | 53 | 65.191 | 107 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | N-Nitrosodimethylamine | | 81.3 | | ug/Kg | <MDL,G | 20 | 24.600 | 40 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Phenanthrene | | 81.3 | | ug/Kg | <MDL | 4 | 4.920 | 8 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | N-Nitrosodiphenylamine | | 81.3 | | ug/Kg | <MDL | 20 | 24.600 | 40 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Parathion-Methyl | | 81.3 | | ug/Kg | <MDL | 85 | 104.551 | 160 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Parathion-Ethyl | | 81.3 | | ug/Kg | <MDL | 85 | 104.551 | 160 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Nitrobenzene | | 81.3 | | ug/Kg | <MDL | 16 | 19.680 | 32 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Nickel, Total, ICP | 12.8 | 81.3 | 15.744 | mg/Kg | | 1 | 1.230 | 5.16 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Nickel, Extractable, SEM | 0.17 | 81.3 | 0.209 | mg/Kg | <RDL | 0.13 | 0.160 | 0.646 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Dibenzo(a,h)anthracene | | 81.3 | | ug/Kg | <MDL,L | 7 | 8.610 | 14 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Phenol | | 81.3 | | ug/Kg | <MDL | 9 | 11.070 | 18 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Aroclor 1232 | | 81.3 | | ug/Kg | <MDL | 2.5 | 3.075 | 5 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Dicamba | | 81.3 | | ug/Kg | <MDL | 1.3 | 1.599 | 5.85 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | 4-Chlorophenyl Phenyl Ether | | 81.3 | | ug/Kg | <MDL | 13 | 15.990 | 26 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | 2,4-D | | 81.3 | | ug/Kg | <MDL | 2.3 | 2.829 | 5.85 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | 2,4-DB | | 81.3 | | ug/Kg | <MDL | 1.6 | 1.968 | 5.85 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | 2,4-Dichlorophenol | | 81.3 | | ug/Kg | <MDL | 16 | 19.680 | 32 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | 2,4-Dimethylphenol | | 81.3 | | ug/Kg | <MDL | 7 | 8.610 | 14 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | 2,4-Dinitrotoluene | | 81.3 | | ug/Kg | <MDL | 27 | 33.210 | 53.3 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | 2,6-Dinitrotoluene | | 81.3 | | ug/Kg | <MDL | 27 | 33.210 | 53.3 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | 2-Chloronaphthalene | | 81.3 | | ug/Kg | <MDL | 16 | 19.680 | 32 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | 2-Chlorophenol | | 81.3 | | ug/Kg | <MDL,G | 8 | 9.840 | 16 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | 2-Methylnaphthalene | | 81.3 | | ug/Kg | <MDL | 14 | 17.220 | 28 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | 2-Methylphenol | | 81.3 | | ug/Kg | <MDL | 19 | 23.370 | 38 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | 2-Nitrophenol | | 81.3 | | ug/Kg | <MDL | 15 | 18.450 | 30 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | 4,4'-DDD | | 81.3 | | ug/Kg | <MDL | 1 | 1.230 | 2 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | 4,4'-DDE | | 81.3 | | ug/Kg | <MDL | 1 | 1.230 | 2 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | 2,4,6-Trichlorophenol | | 81.3 | | ug/Kg | <MDL | 13 | 15.990 | 26 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Ammonia Nitrogen | 2.29 | 81.3 | 2.817 | mg/Kg | | 0.1 | 0.123 | 0.2 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Aroclor 1221 | | 81.3 | | ug/Kg | <MDL | 2.5 | 3.075 | 5 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Aroclor 1016 | | 81.3 | | ug/Kg | <MDL | 1.3 | 1.599 | 2.5 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Antimony, Total, ICP | | 81.3 | | mg/Kg | <MDL | 1.5 | 1.845 | 7.73 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | 4,4'-DDT | | 81.3 | | ug/Kg | <MDL,L | 1 | 1.230 | 2 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Aniline | | 81.3 | | ug/Kg | <MDL,X | 19 | 23.370 | 38 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | 4-Bromophenyl Phenyl Ether | | 81.3 | | ug/Kg | <MDL | 9 | 11.070 | 18 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Alpha-Chlordane | | 81.3 | | ug/Kg | <MDL,L | 0.5 | 0.615 | 1 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Alpha-BHC | | 81.3 | | ug/Kg | <MDL | 0.5 | 0.615 | 1 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Aldrin | | 81.3 | | ug/Kg | <MDL | 1 | 1.230 | 2 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Acid Volatile Sulfides | | 81.3 | | mg/Kg | <MDL | 1 | 1.230 | 1 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Acenaphthene | | 81.3 | | ug/Kg | <MDL | 7 | 8.610 | 14 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | 4-Methylphenol | | 81.3 | | ug/Kg | <MDL | 16 | 19.680 | 32 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Anthracene | | 81.3 | | ug/Kg | <MDL,G | 4 | 4.920 | 8 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | Acenaphthylene | | 81.3 | | ug/Kg | <MDL | 15 | 18.450 | 30 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | 2,4,5-Trichlorophenol | | 81.3 | | ug/Kg | <MDL | 12 | 14.760 | 24 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | 2,4,5-TP (Silvex) | | 81.3 | | ug/Kg | <MDL | 2.2 | 2.706 | 8.77 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | 1,4-Dichlorobenzene | | 81.3 | | ug/Kg | <MDL,G | 1.3 | 1.599 | 2.67 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | 1,2-Diphenylhydrazine | | 81.3 | | ug/Kg | <MDL | 10 | 12.300 | 20 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | 1,2-Dichlorobenzene | | 81.3 | | ug/Kg | <MDL,G | 1.3 | 1.599 | 2.67 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | 1,2,4-Trichlorobenzene | | 81.3 | | ug/Kg | <MDL,G | 0.26 | 0.320 | 0.53 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | 2,4,5-T | | 81.3 | | ug/Kg | <MDL | 2.7 | 3.321 | 8.77 |
| SAMM_BEAR_MOUTH | 8/26/2003 | L29367-11 | 1,3-Dichlorobenzene | | 81.3 | | ug/Kg | <MDL,G | 1.3 | 1.599 | 2.67 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Benzyl Butyl Phthalate | 7.9 | 86.5 | 9.133 | ug/Kg | <RDL | 6 | 6.936 | 12 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Beryllium, Total, ICP | 0.12 | 86.5 | 0.139 | mg/Kg | <RDL | 0.049 | 0.057 | 0.247 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Benzoic Acid | 99.5 | 86.5 | 115.029 | ug/Kg | G | 6 | 6.936 | 12 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Beta-BHC | | 86.5 | | ug/Kg | <MDL | 0.5 | 0.578 | 1 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Benzo(k)fluoranthene | | 86.5 | | ug/Kg | <MDL,B | 3 | 3.468 | 6 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Bis(2-Chloroethoxy)Methane | | 86.5 | | ug/Kg | <MDL | 17 | 19.653 | 34 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Bis(2-Chloroethyl)Ether | | 86.5 | | ug/Kg | <MDL,G | 15 | 17.341 | 30 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Benzyl Alcohol | | 86.5 | | ug/Kg | <MDL,G | 6 | 6.936 | 12 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Benzo(g,h,i)perylene | | 86.5 | | ug/Kg | <MDL | 8 | 9.249 | 16 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Benzo(b)fluoranthene | | 86.5 | | ug/Kg | <MDL | 3 | 3.468 | 6 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Benzo(a)pyrene | | 86.5 | | ug/Kg | B | 86.4 | 99.884 | 6 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Arsenic, Total, ICP | 4.9 | 86.5 | 5.665 | mg/Kg | <RDL | 2.5 | 2.890 | 12.4 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Bis(2-Chloroisopropyl)Ether | | 86.5 | | ug/Kg | <MDL | 15 | 17.341 | 30 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Coprostanol | | 86.5 | | ug/Kg | <MDL | 14 | 16.185 | 28 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Aroclor 1260 | | 86.5 | | ug/Kg | <MDL | 1.3 | 1.503 | 2.5 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Aroclor 1254 | | 86.5 | | ug/Kg | <MDL | 1.3 | 1.503 | 2.5 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Aroclor 1248 | | 86.5 | | ug/Kg | <MDL | 1.3 | 1.503 | 2.5 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Aroclor 1242 | | 86.5 | | ug/Kg | <MDL | 1.3 | 1.503 | 2.5 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Benzo(a)anthracene | 4.56 | 86.5 | 5.272 | ug/Kg | | 2 | 2.312 | 4 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Chromium, Total, ICP | 20.4 | 86.5 | 23.584 | mg/Kg | | 0.25 | 0.289 | 1.24 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Di-N-Butyl Phthalate | | 86.5 | | ug/Kg | B | 53 | 61.272 | 10 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Di-N-Octyl Phthalate | | 86.5 | | ug/Kg | <MDL | 8 | 9.249 | 16 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | 2,4,5-TP (Silvex) | | 86.5 | | ug/Kg | <MDL | 1.9 | 2.197 | 6.05 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Aroclor 1232 | | 86.5 | | ug/Kg | <MDL | 2.5 | 2.890 | 5 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Delta-BHC | | 86.5 | | ug/Kg | <MDL | 0.5 | 0.578 | 1 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Dalapon | | 86.5 | | ug/Kg | <MDL | 1.8 | 2.081 | 6.05 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Copper, Total, ICP | 11.6 | 86.5 | 13.410 | mg/Kg | | 0.2 | 0.231 | 0.989 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Copper, Extractable, SEM | 3.93 | 86.5 | 4.543 | mg/Kg | | 0.2 | 0.231 | 0.991 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Chrysene | | 86.5 | | ug/Kg | <MDL | 4 | 4.624 | 8 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Bis(2-Ethylhexyl)Phthalate | | 86.5 | | ug/Kg | <RDL,B,L | 160 | 184.971 | 14 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Chromium, Extractable, SEM | 3.47 | 86.5 | 4.012 | mg/Kg | | 0.25 | 0.289 | 1.24 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Chlorpyrifos | | 86.5 | | ug/Kg | <MDL | 33 | 38.150 | 66.7 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Chlordane | | 86.5 | | ug/Kg | <MDL | 0.5 | 0.578 | 1 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Carbazole | | 86.5 | | ug/Kg | <MDL | 7 | 8.092 | 14 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Caffeine | | 86.5 | | ug/Kg | <MDL | 6 | 6.936 | 12 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Cadmium, Total, ICP | | 86.5 | | mg/Kg | <MDL | 0.15 | 0.173 | 0.742 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Cadmium, Extractable, SEM | | 86.5 | | mg/Kg | <MDL | 0.15 | 0.173 | 0.743 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Clay | | 86.5 | | % | <MDL | 0.1 | 0.116 | 0.1 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | 2,4,5-T | | 86.5 | | ug/Kg | <MDL | 1.3 | 1.503 | 6.05 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | 2,4,6-Trichlorophenol | | 86.5 | | ug/Kg | <MDL | 13 | 15.029 | 26 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | 2-Chloronaphthalene | | 86.5 | | ug/Kg | <MDL | 16 | 18.497 | 32 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | 2,6-Dinitrotoluene | | 86.5 | | ug/Kg | <MDL | 10 | 11.561 | 20 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | 2,4-Dinitrotoluene | | 86.5 | | ug/Kg | <MDL | 3 | 3.468 | 6 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | 2,4-Dimethylphenol | | 86.5 | | ug/Kg | <MDL | 7 | 8.092 | 14 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | 2,4-Dichlorophenol | | 86.5 | | ug/Kg | <MDL | 16 | 18.497 | 32 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | 2,4-DB | | 86.5 | | ug/Kg | <MDL | 0.85 | 0.983 | 6.05 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | 2-Methylnaphthalene | | 86.5 | | ug/Kg | <MDL | 14 | 16.185 | 28 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | 2,4,5-Trichlorophenol | | 86.5 | | ug/Kg | <MDL | 12 | 13.873 | 24 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | 2-Methylphenol | | 86.5 | | ug/Kg | <MDL | 19 | 21.965 | 38 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | 1,4-Dichlorobenzene | | 86.5 | | ug/Kg | <MDL,G | 0.13 | 0.150 | 0.264 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | 1,3-Dichlorobenzene | | 86.5 | | ug/Kg | <MDL,G | 0.26 | 0.301 | 0.53 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | 1,2-Diphenylhydrazine | | 86.5 | | ug/Kg | <MDL | 10 | 11.561 | 20 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | 1,2-Dichlorobenzene | | 86.5 | | ug/Kg | <MDL,G | 0.26 | 0.301 | 0.53 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | 1,2,4-Trichlorobenzene | | 86.5 | | ug/Kg | <MDL,G | 0.26 | 0.301 | 0.53 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Zinc, Total, ICP | 26.1 | 86.5 | 30.173 | mg/Kg | | 0.25 | 0.289 | 1.24 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Di-n-Butyltin (as dibutyltin ion) | | 86.5 | | ug/Kg | <MDL,E | 0.35 | 0.405 | 0.7 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | 2,4-D | | 86.5 | | ug/Kg | <MDL | 0.5 | 0.578 | 6.05 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Acenaphthene | | 86.5 | | ug/Kg | <MDL | 7 | 8.092 | 14 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Aroclor 1016 | | 86.5 | | ug/Kg | <MDL | 1.3 | 1.503 | 2.5 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Antimony, Total, ICP | | 86.5 | | mg/Kg | <MDL,G | 1.5 | 1.734 | 7.42 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Anthracene | | 86.5 | | ug/Kg | <MDL,G,E | 4 | 4.624 | 8 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Aniline | | 86.5 | | ug/Kg | <MDL,X | 19 | 21.965 | 38 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Ammonia Nitrogen | 1.73 | 86.5 | 2.000 | mg/Kg | | 0.1 | 0.116 | 0.2 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Alpha-BHC | | 86.5 | | ug/Kg | <MDL | 0.5 | 0.578 | 1 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Aldrin | | 86.5 | | ug/Kg | <MDL | 1 | 1.156 | 2 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | 2-Chlorophenol | | 86.5 | | ug/Kg | <MDL,G | 8 | 9.249 | 16 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Acenaphthylene | | 86.5 | | ug/Kg | <MDL | 15 | 17.341 | 30 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Aroclor 1221 | | 86.5 | | ug/Kg | <MDL | 2.5 | 2.890 | 5 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | 4-Methylphenol | | 86.5 | | ug/Kg | <MDL | 16 | 18.497 | 32 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | 4-Chlorophenyl Phenyl Ether | | 86.5 | | ug/Kg | <MDL | 13 | 15.029 | 26 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | 4-Bromophenyl Phenyl Ether | | 86.5 | | ug/Kg | <MDL | 9 | 10.405 | 18 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | 4,4'-DDT | | 86.5 | | ug/Kg | <MDL | 1 | 1.156 | 2 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | 4,4'-DDE | | 86.5 | | ug/Kg | <MDL | 1 | 1.156 | 2 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | 4,4'-DDD | | 86.5 | | ug/Kg | <MDL | 1 | 1.156 | 2 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | 2-Nitrophenol | | 86.5 | | ug/Kg | <MDL | 15 | 17.341 | 30 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Acid Volatile Sulfides | | 86.5 | | mg/Kg | <MDL,G | 1 | 1.156 | 1 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Tri-n-Butyltin (as tributyltin ion) | | 86.5 | | ug/Kg | <MDL,E | 0.21 | 0.243 | 0.415 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Diazinon | | 86.5 | | ug/Kg | <MDL | 20 | 23.121 | 33.3 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Mono-n-Butyltin (as monobutyltin io | 2.1 | 86.5 | 2.428 | ug/Kg | <RDL | 1.7 | 1.965 | 3.37 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | MCPA | | 86.5 | | ug/Kg | <MDL | 0.91 | 1.052 | 6.05 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Nickel, Total, ICP | 17.6 | 86.5 | 20.347 | mg/Kg | | 0.99 | 1.145 | 4.95 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Nickel, Extractable, SEM | 4.6 | 86.5 | 5.318 | mg/Kg | <RDL | 0.99 | 1.145 | 4.95 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Naphthalene | | 86.5 | | ug/Kg | <MDL,G | 14 | 16.185 | 28 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | N-Nitrosodiphenylamine | | 86.5 | | ug/Kg | <MDL | 20 | 23.121 | 40 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Parathion-Ethyl | | 86.5 | | ug/Kg | <MDL | 53 | 61.272 | 100 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | N-Nitrosodi-N-Propylamine | | 86.5 | | ug/Kg | <MDL | 9 | 10.405 | 18 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Parathion-Methyl | | 86.5 | | ug/Kg | <MDL | 53 | 61.272 | 100 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Methoxychlor | | 86.5 | | ug/Kg | <MDL | 5 | 5.780 | 10 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Mercury, Total, CVAA | | 86.5 | | mg/Kg | <MDL | 0.019 | 0.022 | 0.194 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Mercury, Extractable, SEM | 0.019 | 86.5 | 0.022 | mg/Kg | <RDL | 0.011 | 0.013 | 0.0327 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Manganese, Total, ICP | 195 | 86.5 | 225.434 | mg/Kg | | 0.099 | 0.114 | 0.495 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Malathion | | 86.5 | | ug/Kg | <MDL | 53 | 61.272 | 100 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Silt | 2.9 | 86.5 | 3.353 | % | | 0.1 | 0.116 | 0.1 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | N-Nitrosodimethylamine | | 86.5 | | ug/Kg | <MDL,X | 20 | 23.121 | 40 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Sample Description | | 86.5 | | none | | | | |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Selenium, Total, ICP | | 86.5 | | mg/Kg | <MDL | 2.5 | 2.890 | 12.4 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Sediment Type | | 86.5 | | none | | | | |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Sediment Sampling Range | | 86.5 | | none | | | | |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Sediment Sampling Depth | | 86.5 | | cm | | | | |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Sand | 29.7 | 86.5 | 34.335 | % | | 0.1 | 0.116 | 0.1 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Nitrobenzene | | 86.5 | | ug/Kg | <MDL,G | 16 | 18.497 | 32 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Sample Function | | 86.5 | | none | | | | |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Lube Oil Range ( >C24) | | 86.5 | | mg/Kg | <MDL | 100 | 115.607 | 100 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Sample Depth | 1 | 86.5 | 1.156 | m | | | | |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Pyrene | 10.4 | 86.5 | 12.023 | ug/Kg | L | 4 | 4.624 | 8 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Phorate | | 86.5 | | ug/Kg | <MDL | 33 | 38.150 | 66.7 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Phenol | | 86.5 | | ug/Kg | <MDL | 9 | 10.405 | 18 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Phenanthrene | | 86.5 | | ug/Kg | <MDL | 4 | 4.624 | 8 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Pentachlorophenol | | 86.5 | | ug/Kg | <MDL | 5 | 5.780 | 10 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Sampling Method | | 86.5 | | none | | | | |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Diethyl Phthalate | | 86.5 | | ug/Kg | <MDL | 6 | 6.936 | 12 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | MCPP | | 86.5 | | ug/Kg | <MDL | 1.7 | 1.965 | 6.05 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Endosulfan Sulfate | | 86.5 | | ug/Kg | <MDL | 1 | 1.156 | 2 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Endosulfan II | | 86.5 | | ug/Kg | <MDL | 1 | 1.156 | 2 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Endosulfan I | | 86.5 | | ug/Kg | <MDL | 1 | 1.156 | 2 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Disulfoton | | 86.5 | | ug/Kg | <MDL | 20 | 23.121 | 33.3 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Endrin Aldehyde | | 86.5 | | ug/Kg | <MDL,G | 2 | 2.312 | 4 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Dimethyl Phthalate | | 86.5 | | ug/Kg | <MDL | 11 | 12.717 | 22 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Extractable Phosphorus | 3.91 | 86.5 | 4.520 | mg/Kg | | 0.2 | 0.231 | 0.5 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Diesel Range (>C12 Thru C24) | | 86.5 | | mg/Kg | <MDL | 50 | 57.803 | 50 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Dieldrin | | 86.5 | | ug/Kg | <MDL | 1 | 1.156 | 2 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Dichloroprop | | 86.5 | | ug/Kg | <MDL | 0.64 | 0.740 | 6.05 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Dicamba | | 86.5 | | ug/Kg | <MDL | 1.5 | 1.734 | 6.05 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Dibenzofuran | | 86.5 | | ug/Kg | <MDL | 14 | 16.185 | 28 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Dibenzo(a,h)anthracene | | 86.5 | | ug/Kg | <MDL,B,L | 110 | 127.168 | 14 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Dinoseb | | 86.5 | | ug/Kg | <MDL | 0.5 | 0.578 | 6.05 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Lead, Total, ICP | 3.5 | 86.5 | 4.046 | mg/Kg | <RDL | 1.5 | 1.734 | 7.42 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Lead, Extractable, SEM | 2 | 86.5 | 2.312 | mg/Kg | <RDL | 1.5 | 1.734 | 7.43 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Isophorone | | 86.5 | | ug/Kg | <MDL | 19 | 21.965 | 38 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Indeno(1,2,3-Cd)Pyrene | | 86.5 | | ug/Kg | <MDL,G | 9 | 10.405 | 18 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Hexachloroethane | | 86.5 | | ug/Kg | <MDL,G | 15 | 17.341 | 30 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Endrin | | 86.5 | | ug/Kg | <MDL | 1 | 1.156 | 2 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Hexachlorobenzene | | 86.5 | | ug/Kg | <MDL | 0.66 | 0.763 | 1.33 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Heptachlor Epoxide | | 86.5 | | ug/Kg | <MDL | 0.5 | 0.578 | 1 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Heptachlor | | 86.5 | | ug/Kg | <MDL | 0.5 | 0.578 | 1 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Gasoline Range (C7 Thru C12) | | 86.5 | | mg/Kg | <MDL | 20 | 23.121 | 20 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Gamma-BHC (Lindane) | | 86.5 | | ug/Kg | <MDL | 0.5 | 0.578 | 1 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Fluorene | | 86.5 | | ug/Kg | <MDL | 13 | 15.029 | 26 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Fluoranthene | | 86.5 | | ug/Kg | <MDL,L | 8 | 9.249 | 16 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Hexachlorobutadiene | | 86.5 | | ug/Kg | <MDL,G | 0.75 | 0.867 | 1.5 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Gravel | 67.3 | 86.5 | 77.803 | % | | 0.1 | 0.116 | 0.1 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Silver, Total, ICP | | 86.5 | | mg/Kg | <MDL | 0.2 | 0.231 | 0.989 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Total Sulfide | | 86.5 | | mg/Kg | <MDL | 1 | 1.156 | 1 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | p+10.0(more than) | | 86.5 | | % | <MDL | 0.1 | 0.116 | 0.1 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | p+10.0 | | 86.5 | | % | <MDL | 0.1 | 0.116 | 0.1 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Tetra-n-Butyltin (as tetrabutyltin) | | 86.5 | | ug/Kg | <MDL | 0.4 | 0.462 | 0.801 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | p+1.00 | 10.7 | 86.5 | 12.370 | % | | 0.1 | 0.116 | 0.1 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | p+0.00 | 5.3 | 86.5 | 6.127 | % | | 0.1 | 0.116 | 0.1 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | p+2.00 | 9.7 | 86.5 | 11.214 | % | | 0.1 | 0.116 | 0.1 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Zinc, Extractable, SEM | 14.9 | 86.5 | 17.225 | mg/Kg | E,B | 13.4 | 15.491 | 1.24 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Total Solids | 86.5 | 86.5 | 100.000 | % | | 0.005 | 0.006 | 0.01 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Total Phosphorus | 274 | 86.5 | 316.763 | mg/Kg | | 6.3 | 7.283 | 12.5 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Total Organic Carbon | 1290 | 86.5 | 1491.329 | mg/Kg | | 400 | 462.428 | 800 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Thallium, Total, ICP | | 86.5 | | mg/Kg | <MDL | 9.9 | 11.445 | 49.5 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | p+9.00 | | 86.5 | | % | <MDL | 0.1 | 0.116 | 0.1 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | Toxaphene | | 86.5 | | ug/Kg | <MDL | 10 | 11.561 | 20 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | p+3.00 | 3.4 | 86.5 | 3.931 | % | | 0.1 | 0.116 | 0.1 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | p-2.00 | 2.3 | 86.5 | 2.659 | % | | 0.1 | 0.116 | 0.1 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | p-1.00 | 7.6 | 86.5 | 8.786 | % | | 0.1 | 0.116 | 0.1 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | p-2.00(less than) | 57.4 | 86.5 | 66.358 | % | | 0.1 | 0.116 | 0.1 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | p+8.00 | | 86.5 | | % | <MDL | 0.1 | 0.116 | 0.1 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | p+7.00 | | 86.5 | | % | <MDL | 0.1 | 0.116 | 0.1 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | p+6.00 | | 86.5 | | % | <MDL | 0.1 | 0.116 | 0.1 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | p+5.00 | 2.9 | 86.5 | 3.353 | % | | 0.1 | 0.116 | 0.1 |
| SAMM_BRIDGE_116 | 10/23/2001 | L22024-9 | p+4.00 | 0.6 | 86.5 | 0.694 | % | | 0.1 | 0.116 | 0.1 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Dibenzo(a,h)anthracene | | 85.5 | | ug/Kg | <MDL,L | 7 | 8.187 | 14 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Parathion-Methyl | | 85.5 | | ug/Kg | <MDL | 85 | 99.415 | 160 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Fluoranthene | | 85.5 | | ug/Kg | <MDL | 8 | 9.357 | 16 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Extractable Phosphorus | 5.39 | 85.5 | 6.304 | mg/Kg | | 0.2 | 0.234 | 0.5 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Endrin Aldehyde | | 85.5 | | ug/Kg | <MDL | 2 | 2.339 | 4 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Endrin | | 85.5 | | ug/Kg | <MDL | 1 | 1.170 | 2 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Endosulfan Sulfate | | 85.5 | | ug/Kg | <MDL | 1 | 1.170 | 2 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Endosulfan II | | 85.5 | | ug/Kg | <MDL | 1 | 1.170 | 2 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Endosulfan I | | 85.5 | | ug/Kg | <MDL | 1 | 1.170 | 2 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Dinoseb | | 85.5 | | ug/Kg | <MDL | 2 | 2.339 | 9.23 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Diethyl Phthalate | | 85.5 | | ug/Kg | <MDL | 13 | 15.205 | 26.7 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Diesel Range (>C12 Thru C24) | | 85.5 | | mg/Kg | <MDL | 50 | 58.480 | 50 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Dieldrin | | 85.5 | | ug/Kg | <MDL | 1 | 1.170 | 2 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Dichloroprop | | 85.5 | | ug/Kg | <MDL | 2.3 | 2.690 | 6.15 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Gamma-BHC (Lindane) | | 85.5 | | ug/Kg | <MDL | 0.5 | 0.585 | 1 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Coprostanol | | 85.5 | | ug/Kg | <MDL | 130 | 152.047 | 267 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Chlorpyrifos | | 85.5 | | ug/Kg | <MDL | 53 | 61.988 | 107 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Chromium, Extractable, SEM | 0.299 | 85.5 | 0.350 | mg/Kg | | 0.039 | 0.046 | 0.196 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Chromium, Total, ICP | 13.2 | 85.5 | 15.439 | mg/Kg | | 0.26 | 0.304 | 1.29 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Chrysene | | 85.5 | | ug/Kg | <MDL | 4 | 4.678 | 8 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Clay | 0.1 | 85.5 | 0.117 | % | RDL,E | 0.1 | 0.117 | 0.1 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Dicamba | | 85.5 | | ug/Kg | <MDL | 1.4 | 1.637 | 6.15 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Copper, Total, ICP | 6.92 | 85.5 | 8.094 | mg/Kg | | 0.21 | 0.246 | 1.04 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Dibenzofuran | | 85.5 | | ug/Kg | <MDL | 14 | 16.374 | 28 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Dalapon | | 85.5 | | ug/Kg | <MDL | 1.4 | 1.637 | 6.15 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Delta-BHC | | 85.5 | | ug/Kg | <MDL | 0.5 | 0.585 | 1 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Di-N-Butyl Phthalate | | 85.5 | | ug/Kg | B | 788 | 921.637 | 26.7 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Di-N-Octyl Phthalate | | 85.5 | | ug/Kg | <MDL | 13 | 15.205 | 26.7 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Diazinon | | 85.5 | | ug/Kg | <MDL | 32 | 37.427 | 53.3 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Gamma-Chlordane | | 85.5 | | ug/Kg | <MDL | 0.5 | 0.585 | 1 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Copper, Extractable, SEM | 1.24 | 85.5 | 1.450 | mg/Kg | | 0.031 | 0.036 | 0.157 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | MCPP | | 85.5 | | ug/Kg | <MDL | 1.2 | 1.404 | 6.15 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Parathion-Ethyl | | 85.5 | | ug/Kg | <MDL | 85 | 99.415 | 160 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Nitrobenzene | | 85.5 | | ug/Kg | <MDL | 16 | 18.713 | 32 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Nickel, Total, ICP | 14.2 | 85.5 | 16.608 | mg/Kg | | 1 | 1.170 | 5.18 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Nickel, Extractable, SEM | 0.41 | 85.5 | 0.480 | mg/Kg | <RDL | 0.16 | 0.187 | 0.784 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Naphthalene | | 85.5 | | ug/Kg | <MDL,G | 14 | 16.374 | 28 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | N-Nitrosodiphenylamine | | 85.5 | | ug/Kg | <MDL | 20 | 23.392 | 40 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | N-Nitrosodimethylamine | | 85.5 | | ug/Kg | <MDL,G | 20 | 23.392 | 40 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | N-Nitrosodi-N-Propylamine | | 85.5 | | ug/Kg | <MDL | 9 | 10.526 | 18 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Methoxychlor | | 85.5 | | ug/Kg | <MDL | 5 | 5.848 | 10 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Mercury, Total, CVAA | | 85.5 | | mg/Kg | <MDL | 0.02 | 0.023 | 0.2 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Mercury, Extractable, SEM | | 85.5 | | mg/Kg | <MDL | 0.0016 | 0.002 | 0.0047 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Fluorene | | 85.5 | | ug/Kg | <MDL | 13 | 15.205 | 26 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Indeno(1,2,3-Cd)Pyrene | | 85.5 | | ug/Kg | <MDL | 9 | 10.526 | 18 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Gasoline Range (C7 Thru C12) | | 85.5 | | mg/Kg | <MDL | 20 | 23.392 | 20 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Gravel | 60 | 85.5 | 70.175 | % | | 0.1 | 0.117 | 0.1 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Heptachlor | | 85.5 | | ug/Kg | <MDL | 0.5 | 0.585 | 1 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Heptachlor Epoxide | | 85.5 | | ug/Kg | <MDL | 0.5 | 0.585 | 1 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Hexachlorobenzene | | 85.5 | | ug/Kg | <MDL | 0.66 | 0.772 | 1.33 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Manganese, Total, ICP | 166 | 85.5 | 194.152 | mg/Kg | | 0.1 | 0.117 | 0.518 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Hexachloroethane | | 85.5 | | ug/Kg | <MDL,G | 15 | 17.544 | 30 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Malathion | | 85.5 | | ug/Kg | <MDL | 85 | 99.415 | 160 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Isophorone | | 85.5 | | ug/Kg | <MDL,G | 19 | 22.222 | 38 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Lead, Extractable, SEM | 7.43 | 85.5 | 8.690 | mg/Kg | | 0.24 | 0.281 | 1.18 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Lead, Total, ICP | 12.4 | 85.5 | 14.503 | mg/Kg | | 1.6 | 1.871 | 7.77 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Lube Oil Range ( >C24) | | 85.5 | | mg/Kg | <MDL | 100 | 116.959 | 100 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | MCPA | | 85.5 | | ug/Kg | <MDL | 2.7 | 3.158 | 6.15 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Cadmium, Total, ICP | | 85.5 | | mg/Kg | <MDL | 0.16 | 0.187 | 0.777 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Hexachlorobutadiene | | 85.5 | | ug/Kg | <MDL,G | 0.75 | 0.877 | 1.5 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | 2,4-Dimethylphenol | | 85.5 | | ug/Kg | <MDL | 7 | 8.187 | 14 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Acenaphthylene | | 85.5 | | ug/Kg | <MDL | 15 | 17.544 | 30 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Acenaphthene | | 85.5 | | ug/Kg | <MDL | 7 | 8.187 | 14 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | 4-Methylphenol | | 85.5 | | ug/Kg | <MDL | 16 | 18.713 | 32 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | 4-Chlorophenyl Phenyl Ether | | 85.5 | | ug/Kg | <MDL | 13 | 15.205 | 26 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | 4-Bromophenyl Phenyl Ether | | 85.5 | | ug/Kg | <MDL | 9 | 10.526 | 18 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | 4,4'-DDT | | 85.5 | | ug/Kg | <MDL,L | 1 | 1.170 | 2 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | 4,4'-DDE | | 85.5 | | ug/Kg | <MDL | 1 | 1.170 | 2 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | 4,4'-DDD | | 85.5 | | ug/Kg | <MDL | 1 | 1.170 | 2 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | 2-Nitrophenol | | 85.5 | | ug/Kg | <MDL | 15 | 17.544 | 30 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | 2-Methylphenol | | 85.5 | | ug/Kg | <MDL | 19 | 22.222 | 38 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | 2-Methylnaphthalene | | 85.5 | | ug/Kg | <MDL | 14 | 16.374 | 28 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | 2-Chlorophenol | | 85.5 | | ug/Kg | <MDL,G | 8 | 9.357 | 16 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | 2-Chloronaphthalene | | 85.5 | | ug/Kg | <MDL | 16 | 18.713 | 32 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Carbazole | | 85.5 | | ug/Kg | <MDL | 7 | 8.187 | 14 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | 2,4,5-TP (Silvex) | | 85.5 | | ug/Kg | <MDL | 2.3 | 2.690 | 9.23 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Silver, Total, ICP | 0.81 | 85.5 | 0.947 | mg/Kg | <RDL | 0.21 | 0.246 | 1.04 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | 1,2,4-Trichlorobenzene | | 85.5 | | ug/Kg | <MDL,G | 0.26 | 0.304 | 0.53 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | 1,2-Dichlorobenzene | | 85.5 | | ug/Kg | <MDL,G | 1.3 | 1.520 | 2.67 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | 1,2-Diphenylhydrazine | | 85.5 | | ug/Kg | <MDL | 10 | 11.696 | 20 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | 1,3-Dichlorobenzene | | 85.5 | | ug/Kg | <MDL,G | 1.3 | 1.520 | 2.67 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | 2,6-Dinitrotoluene | | 85.5 | | ug/Kg | <MDL | 27 | 31.579 | 53.3 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | 2,4,5-T | | 85.5 | | ug/Kg | <MDL | 2.8 | 3.275 | 9.23 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | 2,4-Dinitrotoluene | | 85.5 | | ug/Kg | <MDL | 27 | 31.579 | 53.3 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | 2,4,5-Trichlorophenol | | 85.5 | | ug/Kg | <MDL | 12 | 14.035 | 24 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | 2,4,6-Trichlorophenol | | 85.5 | | ug/Kg | <MDL | 13 | 15.205 | 26 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | 2,4-D | | 85.5 | | ug/Kg | <MDL | 2.4 | 2.807 | 6.15 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | 2,4-DB | | 85.5 | | ug/Kg | <MDL | 1.7 | 1.988 | 6.15 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | 2,4-Dichlorophenol | | 85.5 | | ug/Kg | <MDL | 16 | 18.713 | 32 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Alpha-BHC | | 85.5 | | ug/Kg | <MDL | 0.5 | 0.585 | 1 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | 1,4-Dichlorobenzene | | 85.5 | | ug/Kg | <MDL,G | 1.3 | 1.520 | 2.67 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Beta-BHC | | 85.5 | | ug/Kg | <MDL | 0.5 | 0.585 | 1 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Acid Volatile Sulfides | | 85.5 | | mg/Kg | <MDL | 1 | 1.170 | 1 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Benzo(g,h,i)perylene | | 85.5 | | ug/Kg | <MDL | 8 | 9.357 | 16 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Benzo(k)fluoranthene | | 85.5 | | ug/Kg | <MDL | 3 | 3.509 | 6 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Benzoic Acid | | 85.5 | | ug/Kg | <MDL | 27 | 31.579 | 53.3 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Benzyl Alcohol | | 85.5 | | ug/Kg | <MDL | 6 | 7.018 | 12 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Benzo(a)pyrene | | 85.5 | | ug/Kg | <MDL | 3 | 3.509 | 6 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Beryllium, Total, ICP | 0.13 | 85.5 | 0.152 | mg/Kg | <RDL | 0.052 | 0.061 | 0.259 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Benzo(a)anthracene | 2.1 | 85.5 | 2.456 | ug/Kg | <RDL | 2 | 2.339 | 4 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Bis(2-Chloroethoxy)Methane | | 85.5 | | ug/Kg | <MDL | 17 | 19.883 | 34 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Bis(2-Chloroethyl)Ether | | 85.5 | | ug/Kg | <MDL,G | 15 | 17.544 | 30 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Bis(2-Chloroisopropyl)Ether | | 85.5 | | ug/Kg | <MDL | 15 | 17.544 | 30 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Bis(2-Ethylhexyl)Phthalate | | 85.5 | | ug/Kg | B | 291 | 340.351 | 26.7 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Cadmium, Extractable, SEM | | 85.5 | | mg/Kg | <MDL | 0.024 | 0.028 | 0.118 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Disulfoton | | 85.5 | | ug/Kg | <MDL | 32 | 37.427 | 53.3 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Benzyl Butyl Phthalate | | 85.5 | | ug/Kg | <MDL | 13 | 15.205 | 26.7 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Aroclor 1221 | | 85.5 | | ug/Kg | <MDL | 2.5 | 2.924 | 5 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Caffeine | | 85.5 | | ug/Kg | <MDL | 6 | 7.018 | 12 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Alpha-Chlordane | | 85.5 | | ug/Kg | <MDL,L | 0.5 | 0.585 | 1 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Ammonia Nitrogen | 1.67 | 85.5 | 1.953 | mg/Kg | | 0.1 | 0.117 | 0.2 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Aniline | | 85.5 | | ug/Kg | <MDL,X | 19 | 22.222 | 38 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Anthracene | | 85.5 | | ug/Kg | <MDL,G | 4 | 4.678 | 8 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Benzo(b)fluoranthene | | 85.5 | | ug/Kg | <MDL | 3 | 3.509 | 6 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Aroclor 1016 | | 85.5 | | ug/Kg | <MDL | 1.3 | 1.520 | 2.5 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Aldrin | | 85.5 | | ug/Kg | <MDL | 1 | 1.170 | 2 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Aroclor 1232 | | 85.5 | | ug/Kg | <MDL | 2.5 | 2.924 | 5 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Aroclor 1242 | | 85.5 | | ug/Kg | <MDL | 1.3 | 1.520 | 2.5 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Aroclor 1248 | | 85.5 | | ug/Kg | <MDL | 1.3 | 1.520 | 2.5 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Aroclor 1254 | | 85.5 | | ug/Kg | <MDL | 1.3 | 1.520 | 2.5 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Aroclor 1260 | | 85.5 | | ug/Kg | <MDL | 1.3 | 1.520 | 2.5 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Arsenic, Total, ICP | | 85.5 | | mg/Kg | <MDL | 2.6 | 3.041 | 12.9 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Antimony, Total, ICP | | 85.5 | | mg/Kg | <MDL | 1.6 | 1.871 | 7.77 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Pentachlorophenol | | 85.5 | | ug/Kg | <MDL,G | 13 | 15.205 | 26.7 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Dimethyl Phthalate | | 85.5 | | ug/Kg | <MDL | 13 | 15.205 | 26.7 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | p+2.00 | 11.9 | 85.5 | 13.918 | % | | 0.1 | 0.117 | 0.1 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Toxaphene | | 85.5 | | ug/Kg | <MDL | 10 | 11.696 | 20 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | p+8.00 | 0.7 | 85.5 | 0.819 | % | | 0.1 | 0.117 | 0.1 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | p+7.00 | 1.6 | 85.5 | 1.871 | % | | 0.1 | 0.117 | 0.1 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | p+6.00 | 0.3 | 85.5 | 0.351 | % | | 0.1 | 0.117 | 0.1 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | p+5.00 | | 85.5 | | % | <MDL | 0.1 | 0.117 | 0.1 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | p-1.00 | 11.8 | 85.5 | 13.801 | % | | 0.1 | 0.117 | 0.1 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | p+3.00 | 5.9 | 85.5 | 6.901 | % | | 0.1 | 0.117 | 0.1 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | p-2.00 | 4.2 | 85.5 | 4.912 | % | | 0.1 | 0.117 | 0.1 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | p+10.0(more than) | | 85.5 | | % | <MDL | 0.1 | 0.117 | 0.1 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | p+10.0 | | 85.5 | | % | <MDL | 0.1 | 0.117 | 0.1 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | p+1.00 | 12 | 85.5 | 14.035 | % | | 0.1 | 0.117 | 0.1 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | p+0.00 | 7 | 85.5 | 8.187 | % | | 0.1 | 0.117 | 0.1 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Zinc, Total, ICP | 21.6 | 85.5 | 25.263 | mg/Kg | | 0.26 | 0.304 | 1.29 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Zinc, Extractable, SEM | 2.04 | 85.5 | 2.386 | mg/Kg | | 0.039 | 0.046 | 0.196 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | p+4.00 | 0.6 | 85.5 | 0.702 | % | | 0.1 | 0.117 | 0.1 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Sample Description | | 85.5 | | none | | | | |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Phenanthrene | | 85.5 | | ug/Kg | <MDL | 4 | 4.678 | 8 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Phenol | | 85.5 | | ug/Kg | <MDL | 9 | 10.526 | 18 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Phorate | | 85.5 | | ug/Kg | <MDL | 53 | 61.988 | 107 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | p+9.00 | 0.1 | 85.5 | 0.117 | % | RDL | 0.1 | 0.117 | 0.1 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Pyridine | | 85.5 | | ug/Kg | <MDL,X | 130 | 152.047 | 267 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Selenium, Total, ICP | | 85.5 | | mg/Kg | <MDL | 2.6 | 3.041 | 12.9 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Sample Function | | 85.5 | | none | | | | |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Sampling Method | | 85.5 | | none | | | | |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Sand | 37.4 | 85.5 | 43.743 | % | | 0.1 | 0.117 | 0.1 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Sediment Sampling Depth | 5 | 85.5 | 5.848 | cm | | | | |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Sediment Type | | 85.5 | | none | | | | |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Silt | 2.6 | 85.5 | 3.041 | % | | 0.1 | 0.117 | 0.1 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Pyrene | | 85.5 | | ug/Kg | <MDL | 4 | 4.678 | 8 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Thallium, Total, ICP | | 85.5 | | mg/Kg | <MDL | 10 | 11.696 | 51.8 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Total Sulfide | 14 | 85.5 | 16.374 | mg/Kg | H,G | 1 | 1.170 | 1 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Sediment Sampling Range | | 85.5 | | cm | | | | |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | p-2.00(less than) | 44 | 85.5 | 51.462 | % | | 0.1 | 0.117 | 0.1 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Total Organic Carbon | 1930 | 85.5 | 2257.310 | mg/Kg | | 500 | 584.795 | 1000 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Total Phosphorus | 385 | 85.5 | 450.292 | mg/Kg | B | 64 | 74.854 | 12.5 |
| SAMM_BRIDGE_116 | 8/27/2003 | L29367-9 | Total Solids | 85.5 | 85.5 | 100.000 | % | | 0.005 | 0.006 | 0.01 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Benzo(a)pyrene | | 63.1 | | ug/Kg | B | 86.4 | 136.926 | 6 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Benzo(b)fluoranthene | 36.4 | 63.1 | 57.686 | ug/Kg | | 3 | 4.754 | 6 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Aroclor 1254 | | 63.1 | | ug/Kg | <MDL | 1.3 | 2.060 | 2.5 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Arsenic, Total, ICP | 2.5 | 63.1 | 3.962 | mg/Kg | <RDL | 2.5 | 3.962 | 12.4 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Benzo(g,h,i)perylene | | 63.1 | | ug/Kg | <MDL | 8 | 12.678 | 16 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Aroclor 1260 | | 63.1 | | ug/Kg | <MDL | 1.3 | 2.060 | 2.5 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Benzo(k)fluoranthene | 33.8 | 63.1 | 53.566 | ug/Kg | B | 33 | 52.298 | 6 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Benzo(a)anthracene | 24.2 | 63.1 | 38.352 | ug/Kg | | 2 | 3.170 | 4 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Aroclor 1248 | | 63.1 | | ug/Kg | <MDL | 1.3 | 2.060 | 2.5 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Aroclor 1242 | | 63.1 | | ug/Kg | <MDL | 1.3 | 2.060 | 2.5 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Aroclor 1232 | | 63.1 | | ug/Kg | <MDL | 2.5 | 3.962 | 5 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Aroclor 1016 | | 63.1 | | ug/Kg | <MDL | 1.3 | 2.060 | 2.5 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Antimony, Total, ICP | | 63.1 | | mg/Kg | <MDL,G | 1.5 | 2.377 | 7.43 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Anthracene | 10.6 | 63.1 | 16.799 | ug/Kg | G,E | 4 | 6.339 | 8 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Benzoic Acid | 112 | 63.1 | 177.496 | ug/Kg | G | 6 | 9.509 | 12 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Chlorpyrifos | | 63.1 | | ug/Kg | <MDL | 33 | 52.298 | 66.7 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Alpha-BHC | | 63.1 | | ug/Kg | <MDL | 0.5 | 0.792 | 1 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Ammonia Nitrogen | 7.59 | 63.1 | 12.029 | mg/Kg | | 0.1 | 0.158 | 0.2 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Aniline | | 63.1 | | ug/Kg | <MDL,X | 19 | 30.111 | 38 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Aroclor 1221 | | 63.1 | | ug/Kg | <MDL | 2.5 | 3.962 | 5 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Cadmium, Total, ICP | | 63.1 | | mg/Kg | <MDL | 0.15 | 0.238 | 0.743 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Copper, Extractable, SEM | 4.03 | 63.1 | 6.387 | mg/Kg | E | 0.2 | 0.317 | 0.986 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Copper, Total, ICP | 6.69 | 63.1 | 10.602 | mg/Kg | | 0.2 | 0.317 | 0.99 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Aldrin | | 63.1 | | ug/Kg | <MDL | 1 | 1.585 | 2 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Clay | | 63.1 | | % | <MDL | 0.1 | 0.158 | 0.1 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Chrysene | 32.5 | 63.1 | 51.506 | ug/Kg | | 4 | 6.339 | 8 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Chromium, Total, ICP | 16.4 | 63.1 | 25.990 | mg/Kg | | 0.25 | 0.396 | 1.24 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Chromium, Extractable, SEM | 2.85 | 63.1 | 4.517 | mg/Kg | E | 0.25 | 0.396 | 1.23 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Carbazole | | 63.1 | | ug/Kg | <MDL | 7 | 11.094 | 14 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Caffeine | | 63.1 | | ug/Kg | <MDL | 6 | 9.509 | 12 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Benzyl Alcohol | | 63.1 | | ug/Kg | <MDL,G | 6 | 9.509 | 12 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Cadmium, Extractable, SEM | 0.25 | 63.1 | 0.396 | mg/Kg | <RDL | 0.15 | 0.238 | 0.739 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Bis(2-Ethylhexyl)Phthalate | 166 | 63.1 | 263.074 | ug/Kg | B,L | 160 | 253.566 | 14 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Bis(2-Chloroisopropyl)Ether | | 63.1 | | ug/Kg | <MDL | 15 | 23.772 | 30 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Bis(2-Chloroethyl)Ether | | 63.1 | | ug/Kg | <MDL,G | 15 | 23.772 | 30 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Bis(2-Chloroethoxy)Methane | | 63.1 | | ug/Kg | <MDL | 17 | 26.941 | 34 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Beta-BHC | | 63.1 | | ug/Kg | <MDL | 0.5 | 0.792 | 1 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Beryllium, Total, ICP | 0.098 | 63.1 | 0.155 | mg/Kg | <RDL | 0.05 | 0.079 | 0.248 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Benzyl Butyl Phthalate | 15.1 | 63.1 | 23.930 | ug/Kg | | 6 | 9.509 | 12 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Chlordane | | 63.1 | | ug/Kg | <MDL | 0.5 | 0.792 | 1 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | 2,4,5-T | | 63.1 | | ug/Kg | <MDL | 1.4 | 2.219 | 6.57 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | 1,4-Dichlorobenzene | | 63.1 | | ug/Kg | <MDL,G | 0.13 | 0.206 | 0.264 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | 1,3-Dichlorobenzene | | 63.1 | | ug/Kg | <MDL,G | 0.26 | 0.412 | 0.53 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | 1,2-Diphenylhydrazine | | 63.1 | | ug/Kg | <MDL | 10 | 15.848 | 20 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | 1,2-Dichlorobenzene | | 63.1 | | ug/Kg | <MDL,G | 0.26 | 0.412 | 0.53 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | 1,2,4-Trichlorobenzene | | 63.1 | | ug/Kg | <MDL,G | 0.26 | 0.412 | 0.53 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | 2,4,6-Trichlorophenol | | 63.1 | | ug/Kg | <MDL | 13 | 20.602 | 26 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Malathion | | 63.1 | | ug/Kg | <MDL | 53 | 83.994 | 100 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Coprostanol | | 63.1 | | ug/Kg | <MDL | 14 | 22.187 | 28 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | 2-Methylnaphthalene | | 63.1 | | ug/Kg | <MDL | 14 | 22.187 | 28 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Acenaphthylene | | 63.1 | | ug/Kg | <MDL | 15 | 23.772 | 30 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Acenaphthene | | 63.1 | | ug/Kg | <MDL | 7 | 11.094 | 14 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | 4-Methylphenol | | 63.1 | | ug/Kg | <MDL | 16 | 25.357 | 32 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | 4-Chlorophenyl Phenyl Ether | | 63.1 | | ug/Kg | <MDL | 13 | 20.602 | 26 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | 4-Bromophenyl Phenyl Ether | | 63.1 | | ug/Kg | <MDL | 9 | 14.263 | 18 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | 4,4'-DDT | | 63.1 | | ug/Kg | <MDL | 1 | 1.585 | 2 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | 4,4'-DDE | | 63.1 | | ug/Kg | <MDL | 1 | 1.585 | 2 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | 4,4'-DDD | | 63.1 | | ug/Kg | <MDL | 1 | 1.585 | 2 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | 2,4,5-TP (Silvex) | | 63.1 | | ug/Kg | <MDL | 2.1 | 3.328 | 6.57 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | 2-Methylphenol | | 63.1 | | ug/Kg | <MDL | 19 | 30.111 | 38 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | 2,4,5-Trichlorophenol | | 63.1 | | ug/Kg | <MDL | 12 | 19.017 | 24 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | 2-Chlorophenol | | 63.1 | | ug/Kg | <MDL,G | 8 | 12.678 | 16 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | 2-Chloronaphthalene | | 63.1 | | ug/Kg | <MDL | 16 | 25.357 | 32 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | 2,6-Dinitrotoluene | | 63.1 | | ug/Kg | <MDL | 10 | 15.848 | 20 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | 2,4-Dinitrotoluene | | 63.1 | | ug/Kg | <MDL | 3 | 4.754 | 6 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | 2,4-Dimethylphenol | | 63.1 | | ug/Kg | <MDL | 7 | 11.094 | 14 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | 2,4-Dichlorophenol | | 63.1 | | ug/Kg | <MDL | 16 | 25.357 | 32 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | 2,4-DB | | 63.1 | | ug/Kg | <MDL | 0.92 | 1.458 | 6.57 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | 2,4-D | | 63.1 | | ug/Kg | <MDL | 0.54 | 0.856 | 6.57 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Acid Volatile Sulfides | 4.7 | 63.1 | 7.448 | mg/Kg | E | 1 | 1.585 | 1 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | 2-Nitrophenol | | 63.1 | | ug/Kg | <MDL | 15 | 23.772 | 30 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | MCPA | | 63.1 | | ug/Kg | <MDL | 0.99 | 1.569 | 6.57 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Mercury, Extractable, SEM | | 63.1 | | mg/Kg | <MDL | 0.011 | 0.017 | 0.0325 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Indeno(1,2,3-Cd)Pyrene | 21.5 | 63.1 | 34.073 | ug/Kg | G | 9 | 14.263 | 18 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | N-Nitrosodiphenylamine | | 63.1 | | ug/Kg | <MDL | 20 | 31.696 | 40 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | N-Nitrosodimethylamine | | 63.1 | | ug/Kg | <MDL,X | 20 | 31.696 | 40 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | N-Nitrosodi-N-Propylamine | | 63.1 | | ug/Kg | <MDL | 9 | 14.263 | 18 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Mono-n-Butyltin (as monobutyltin io | 2.9 | 63.1 | 4.596 | ug/Kg | <RDL | 1.7 | 2.694 | 3.37 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Nickel, Extractable, SEM | 5.71 | 63.1 | 9.049 | mg/Kg | E | 0.99 | 1.569 | 4.93 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Mercury, Total, CVAA | 0.022 | 63.1 | 0.035 | mg/Kg | <RDL | 0.02 | 0.032 | 0.196 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Nickel, Total, ICP | 13.7 | 63.1 | 21.712 | mg/Kg | | 0.99 | 1.569 | 4.95 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Manganese, Total, ICP | 132 | 63.1 | 209.192 | mg/Kg | | 0.099 | 0.157 | 0.495 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | MCPP | | 63.1 | | ug/Kg | <MDL | 1.8 | 2.853 | 6.57 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Lube Oil Range ( >C24) | | 63.1 | | mg/Kg | <MDL | 100 | 158.479 | 100 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Lead, Total, ICP | 4.1 | 63.1 | 6.498 | mg/Kg | <RDL | 1.5 | 2.377 | 7.43 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Lead, Extractable, SEM | 3.8 | 63.1 | 6.022 | mg/Kg | <RDL | 1.5 | 2.377 | 7.39 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Sediment Sampling Range | | 63.1 | | none | | | | |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Methoxychlor | | 63.1 | | ug/Kg | <MDL | 5 | 7.924 | 10 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Phorate | | 63.1 | | ug/Kg | <MDL | 33 | 52.298 | 66.7 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Sand | 67.3 | 63.1 | 106.656 | % | | 0.1 | 0.158 | 0.1 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Sampling Method | | 63.1 | | none | | | | |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Sample Function | | 63.1 | | none | | | | |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Sample Description | | 63.1 | | none | | | | |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Naphthalene | | 63.1 | | ug/Kg | <MDL,G | 14 | 22.187 | 28 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Pyrene | 57.2 | 63.1 | 90.650 | ug/Kg | L | 4 | 6.339 | 8 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Hexachloroethane | | 63.1 | | ug/Kg | <MDL,G | 15 | 23.772 | 30 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Phenol | | 63.1 | | ug/Kg | <MDL | 9 | 14.263 | 18 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Phenanthrene | 28.1 | 63.1 | 44.532 | ug/Kg | | 4 | 6.339 | 8 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Pentachlorophenol | | 63.1 | | ug/Kg | <MDL | 5 | 7.924 | 10 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Parathion-Methyl | | 63.1 | | ug/Kg | <MDL | 53 | 83.994 | 100 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Parathion-Ethyl | | 63.1 | | ug/Kg | <MDL | 53 | 83.994 | 100 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Nitrobenzene | | 63.1 | | ug/Kg | <MDL,G | 16 | 25.357 | 32 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Sample Depth | 1 | 63.1 | 1.585 | m | | | | |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Dibenzofuran | | 63.1 | | ug/Kg | <MDL | 14 | 22.187 | 28 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Isophorone | | 63.1 | | ug/Kg | <MDL | 19 | 30.111 | 38 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Dimethyl Phthalate | | 63.1 | | ug/Kg | <MDL | 11 | 17.433 | 22 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Diethyl Phthalate | | 63.1 | | ug/Kg | <MDL | 6 | 9.509 | 12 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Diesel Range (>C12 Thru C24) | | 63.1 | | mg/Kg | <MDL | 50 | 79.239 | 50 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Dieldrin | | 63.1 | | ug/Kg | <MDL | 1 | 1.585 | 2 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Disulfoton | | 63.1 | | ug/Kg | <MDL | 20 | 31.696 | 33.3 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Dicamba | | 63.1 | | ug/Kg | <MDL | 1.6 | 2.536 | 6.57 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Endosulfan I | | 63.1 | | ug/Kg | <MDL | 1 | 1.585 | 2 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Dibenzo(a,h)anthracene | | 63.1 | | ug/Kg | RDL,B,L | 110 | 174.326 | 14 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Diazinon | | 63.1 | | ug/Kg | <MDL | 20 | 31.696 | 33.3 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Di-n-Butyltin (as dibutyltin ion) | 1.07 | 63.1 | 1.696 | ug/Kg | E | 0.35 | 0.555 | 0.7 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Di-N-Octyl Phthalate | | 63.1 | | ug/Kg | <MDL | 8 | 12.678 | 16 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Di-N-Butyl Phthalate | | 63.1 | | ug/Kg | <MDL,B | 5 | 7.924 | 10 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Delta-BHC | | 63.1 | | ug/Kg | <MDL | 0.5 | 0.792 | 1 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Dichloroprop | | 63.1 | | ug/Kg | <MDL | 0.7 | 1.109 | 6.57 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Fluorene | | 63.1 | | ug/Kg | <MDL | 13 | 20.602 | 26 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Hexachlorobutadiene | | 63.1 | | ug/Kg | <MDL,G | 0.75 | 1.189 | 1.5 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Hexachlorobenzene | | 63.1 | | ug/Kg | <MDL | 0.66 | 1.046 | 1.33 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Heptachlor Epoxide | | 63.1 | | ug/Kg | <MDL | 0.5 | 0.792 | 1 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Heptachlor | | 63.1 | | ug/Kg | <MDL | 0.5 | 0.792 | 1 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Gravel | 27.9 | 63.1 | 44.216 | % | | 0.1 | 0.158 | 0.1 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Dinoseb | | 63.1 | | ug/Kg | <MDL | 0.54 | 0.856 | 6.57 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Gamma-BHC (Lindane) | | 63.1 | | ug/Kg | <MDL | 0.5 | 0.792 | 1 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Sediment Type | | 63.1 | | none | | | | |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Fluoranthene | 50 | 63.1 | 79.239 | ug/Kg | L | 8 | 12.678 | 16 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Extractable Phosphorus | 10 | 63.1 | 15.848 | mg/Kg | | 0.2 | 0.317 | 0.5 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Endrin Aldehyde | | 63.1 | | ug/Kg | <MDL,G | 2 | 3.170 | 4 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Endrin | | 63.1 | | ug/Kg | <MDL | 1 | 1.585 | 2 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Endosulfan Sulfate | | 63.1 | | ug/Kg | <MDL | 1 | 1.585 | 2 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Endosulfan II | | 63.1 | | ug/Kg | <MDL | 1 | 1.585 | 2 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Gasoline Range (C7 Thru C12) | | 63.1 | | mg/Kg | <MDL | 20 | 31.696 | 20 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | p-1.00 | 2 | 63.1 | 3.170 | % | | 0.1 | 0.158 | 0.1 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Sediment Sampling Depth | | 63.1 | | cm | | | | |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | p-2.00 | 1.3 | 63.1 | 2.060 | % | | 0.1 | 0.158 | 0.1 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | p+9.00 | | 63.1 | | % | <MDL | 0.1 | 0.158 | 0.1 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | p+8.00 | 0.6 | 63.1 | 0.951 | % | | 0.1 | 0.158 | 0.1 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | p+7.00 | 2.3 | 63.1 | 3.645 | % | | 0.1 | 0.158 | 0.1 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | p+6.00 | 1.8 | 63.1 | 2.853 | % | | 0.1 | 0.158 | 0.1 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | p+5.00 | 0.1 | 63.1 | 0.158 | % | RDL | 0.1 | 0.158 | 0.1 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | p+4.00 | 2 | 63.1 | 3.170 | % | | 0.1 | 0.158 | 0.1 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | p-2.00(less than) | 24.6 | 63.1 | 38.986 | % | | 0.1 | 0.158 | 0.1 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Dalapon | | 63.1 | | ug/Kg | <MDL | 2 | 3.170 | 6.57 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | p+10.0(more than) | | 63.1 | | % | <MDL | 0.1 | 0.158 | 0.1 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Silver, Total, ICP | | 63.1 | | mg/Kg | <MDL | 0.2 | 0.317 | 0.99 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Toxaphene | | 63.1 | | ug/Kg | <MDL | 10 | 15.848 | 20 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | p+3.00 | 26.4 | 63.1 | 41.838 | % | | 0.1 | 0.158 | 0.1 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Total Sulfide | 26 | 63.1 | 41.204 | mg/Kg | | 3 | 4.754 | 3 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | p+2.00 | 29.7 | 63.1 | 47.068 | % | | 0.1 | 0.158 | 0.1 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Total Solids | 63.1 | 63.1 | 100.000 | % | | 0.005 | 0.008 | 0.01 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Total Phosphorus | 234 | 63.1 | 370.840 | mg/Kg | | 6.3 | 9.984 | 12.5 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Total Organic Carbon | 6900 | 63.1 | 10935.024 | mg/Kg | | 500 | 792.393 | 1000 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Tri-n-Butyltin (as tributyltin ion) | 0.42 | 63.1 | 0.666 | ug/Kg | E | 0.21 | 0.333 | 0.415 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Tetra-n-Butyltin (as tetrabutyltin) | | 63.1 | | ug/Kg | <MDL | 0.4 | 0.634 | 0.801 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Silt | 4.8 | 63.1 | 7.607 | % | | 0.1 | 0.158 | 0.1 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Zinc, Extractable, SEM | 29.5 | 63.1 | 46.751 | mg/Kg | B,E | 7.5 | 11.886 | 1.23 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Selenium, Total, ICP | | 63.1 | | mg/Kg | <MDL | 2.5 | 3.962 | 12.4 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Zinc, Total, ICP | 27.5 | 63.1 | 43.582 | mg/Kg | | 0.25 | 0.396 | 1.24 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | p+0.00 | 2.2 | 63.1 | 3.487 | % | | 0.1 | 0.158 | 0.1 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | p+1.00 | 7 | 63.1 | 11.094 | % | | 0.1 | 0.158 | 0.1 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | p+10.0 | | 63.1 | | % | <MDL | 0.1 | 0.158 | 0.1 |
| SAMM_BRIDGE_145 | 10/17/2001 | L22024-6 | Thallium, Total, ICP | | 63.1 | | mg/Kg | <MDL | 9.9 | 15.689 | 49.5 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | p+2.00 | 27.1 | 70.1 | 38.659 | % | | 0.1 | 0.143 | 0.1 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | p+6.00 | 0.4 | 70.1 | 0.571 | % | | 0.1 | 0.143 | 0.1 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | p+10.0(more than) | | 70.1 | | % | <MDL | 0.1 | 0.143 | 0.1 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | p+3.00 | 17.1 | 70.1 | 24.394 | % | | 0.1 | 0.143 | 0.1 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | p+10.0 | | 70.1 | | % | <MDL | 0.1 | 0.143 | 0.1 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | p+5.00 | | 70.1 | | % | <MDL | 0.1 | 0.143 | 0.1 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | p+7.00 | 1.2 | 70.1 | 1.712 | % | | 0.1 | 0.143 | 0.1 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | p+8.00 | 2.1 | 70.1 | 2.996 | % | | 0.1 | 0.143 | 0.1 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | p+9.00 | 0.3 | 70.1 | 0.428 | % | | 0.1 | 0.143 | 0.1 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | p-1.00 | 4.8 | 70.1 | 6.847 | % | | 0.1 | 0.143 | 0.1 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | p-2.00 | 2 | 70.1 | 2.853 | % | | 0.1 | 0.143 | 0.1 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | p-2.00(less than) | 28 | 70.1 | 39.943 | % | | 0.1 | 0.143 | 0.1 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | p+4.00 | 3.4 | 70.1 | 4.850 | % | | 0.1 | 0.143 | 0.1 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Endosulfan Sulfate | | 70.1 | | ug/Kg | <MDL | 1 | 1.427 | 2 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Gamma-Chlordane | | 70.1 | | ug/Kg | <MDL | 0.5 | 0.713 | 1 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Diethyl Phthalate | | 70.1 | | ug/Kg | <MDL | 13 | 18.545 | 26.7 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Dimethyl Phthalate | | 70.1 | | ug/Kg | <MDL | 13 | 18.545 | 26.7 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Dinoseb | | 70.1 | | ug/Kg | <MDL | 1.9 | 2.710 | 8.9 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Disulfoton | | 70.1 | | ug/Kg | <MDL | 32 | 45.649 | 53.3 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Dieldrin | | 70.1 | | ug/Kg | <MDL | 1 | 1.427 | 2 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Endosulfan II | | 70.1 | | ug/Kg | <MDL | 1 | 1.427 | 2 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Dichloroprop | | 70.1 | | ug/Kg | <MDL | 2.2 | 3.138 | 5.93 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Endrin | | 70.1 | | ug/Kg | <MDL | 1 | 1.427 | 2 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Endrin Aldehyde | | 70.1 | | ug/Kg | <MDL | 2 | 2.853 | 4 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Extractable Phosphorus | 4.77 | 70.1 | 6.805 | mg/Kg | | 0.2 | 0.285 | 0.5 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Fluoranthene | 19.5 | 70.1 | 27.817 | ug/Kg | | 8 | 11.412 | 16 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Fluorene | | 70.1 | | ug/Kg | <MDL | 13 | 18.545 | 26 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Chromium, Extractable, SEM | 0.425 | 70.1 | 0.606 | mg/Kg | | 0.039 | 0.056 | 0.194 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Endosulfan I | | 70.1 | | ug/Kg | <MDL | 1 | 1.427 | 2 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Delta-BHC | | 70.1 | | ug/Kg | <MDL | 0.5 | 0.713 | 1 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Chrysene | 9.63 | 70.1 | 13.738 | ug/Kg | | 4 | 5.706 | 8 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Clay | 0.3 | 70.1 | 0.428 | % | E | 0.1 | 0.143 | 0.1 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Copper, Extractable, SEM | 1.65 | 70.1 | 2.354 | mg/Kg | | 0.031 | 0.044 | 0.155 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Copper, Total, ICP | 6.71 | 70.1 | 9.572 | mg/Kg | | 0.2 | 0.285 | 0.98 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Diesel Range (>C12 Thru C24) | | 70.1 | | mg/Kg | <MDL | 50 | 71.327 | 50 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Dalapon | | 70.1 | | ug/Kg | <MDL | 1.3 | 1.854 | 5.93 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Gasoline Range (C7 Thru C12) | | 70.1 | | mg/Kg | <MDL | 20 | 28.531 | 20 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Di-N-Butyl Phthalate | | 70.1 | | ug/Kg | B | 788 | 1124.108 | 26.7 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Di-N-Octyl Phthalate | | 70.1 | | ug/Kg | <MDL | 13 | 18.545 | 26.7 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Diazinon | | 70.1 | | ug/Kg | <MDL | 32 | 45.649 | 53.3 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Dibenzo(a,h)anthracene | | 70.1 | | ug/Kg | <MDL,L | 7 | 9.986 | 14 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Dibenzofuran | | 70.1 | | ug/Kg | <MDL | 14 | 19.971 | 28 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Dicamba | | 70.1 | | ug/Kg | <MDL | 1.4 | 1.997 | 5.93 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Coprostanol | | 70.1 | | ug/Kg | <MDL | 130 | 185.449 | 267 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Nickel, Total, ICP | 14.6 | 70.1 | 20.827 | mg/Kg | | 0.98 | 1.398 | 4.9 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Gamma-BHC (Lindane) | | 70.1 | | ug/Kg | <MDL | 0.5 | 0.713 | 1 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Methoxychlor | | 70.1 | | ug/Kg | <MDL | 5 | 7.133 | 10 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | N-Nitrosodi-N-Propylamine | | 70.1 | | ug/Kg | <MDL | 9 | 12.839 | 18 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | N-Nitrosodimethylamine | | 70.1 | | ug/Kg | <MDL,G | 20 | 28.531 | 40 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | N-Nitrosodiphenylamine | | 70.1 | | ug/Kg | <MDL | 20 | 28.531 | 40 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Mercury, Extractable, SEM | | 70.1 | | mg/Kg | <MDL | 0.0016 | 0.002 | 0.00466 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Nickel, Extractable, SEM | 0.965 | 70.1 | 1.377 | mg/Kg | | 0.16 | 0.228 | 0.777 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Manganese, Total, ICP | 136 | 70.1 | 194.009 | mg/Kg | L | 0.098 | 0.140 | 0.49 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Nitrobenzene | | 70.1 | | ug/Kg | <MDL | 16 | 22.825 | 32 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Parathion-Ethyl | | 70.1 | | ug/Kg | <MDL | 85 | 121.255 | 160 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Parathion-Methyl | | 70.1 | | ug/Kg | <MDL | 85 | 121.255 | 160 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Pentachlorophenol | | 70.1 | | ug/Kg | <MDL,G | 13 | 18.545 | 26.7 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Phenanthrene | 6 | 70.1 | 8.559 | ug/Kg | <RDL | 4 | 5.706 | 8 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Phenol | | 70.1 | | ug/Kg | <MDL | 9 | 12.839 | 18 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Naphthalene | | 70.1 | | ug/Kg | <MDL,G | 14 | 19.971 | 28 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Isophorone | | 70.1 | | ug/Kg | <MDL,G | 19 | 27.104 | 38 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Gravel | 34.8 | 70.1 | 49.643 | % | | 0.1 | 0.143 | 0.1 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Heptachlor | | 70.1 | | ug/Kg | <MDL | 0.5 | 0.713 | 1 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Heptachlor Epoxide | | 70.1 | | ug/Kg | <MDL | 0.5 | 0.713 | 1 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Hexachlorobenzene | | 70.1 | | ug/Kg | <MDL | 0.66 | 0.942 | 1.33 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Hexachlorobutadiene | | 70.1 | | ug/Kg | <MDL,G | 0.75 | 1.070 | 1.5 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Mercury, Total, CVAA | 0.02 | 70.1 | 0.029 | mg/Kg | <RDL | 0.019 | 0.027 | 0.195 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Indeno(1,2,3-Cd)Pyrene | | 70.1 | | ug/Kg | <MDL | 9 | 12.839 | 18 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Chlorpyrifos | | 70.1 | | ug/Kg | <MDL | 53 | 75.606 | 107 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Lead, Extractable, SEM | 1.19 | 70.1 | 1.698 | mg/Kg | | 0.23 | 0.328 | 1.17 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Lead, Total, ICP | 2.2 | 70.1 | 3.138 | mg/Kg | <RDL | 1.5 | 2.140 | 7.35 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Lube Oil Range ( >C24) | | 70.1 | | mg/Kg | <MDL | 100 | 142.653 | 100 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | MCPA | | 70.1 | | ug/Kg | <MDL | 2.6 | 3.709 | 5.93 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | MCPP | | 70.1 | | ug/Kg | <MDL | 1.2 | 1.712 | 5.93 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Malathion | | 70.1 | | ug/Kg | <MDL | 85 | 121.255 | 160 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Hexachloroethane | | 70.1 | | ug/Kg | <MDL,G | 15 | 21.398 | 30 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | 4-Bromophenyl Phenyl Ether | | 70.1 | | ug/Kg | <MDL | 9 | 12.839 | 18 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Alpha-BHC | | 70.1 | | ug/Kg | <MDL | 0.5 | 0.713 | 1 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | 2-Methylnaphthalene | | 70.1 | | ug/Kg | <MDL | 14 | 19.971 | 28 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | 2-Methylphenol | | 70.1 | | ug/Kg | <MDL | 19 | 27.104 | 38 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | 2-Nitrophenol | | 70.1 | | ug/Kg | <MDL | 15 | 21.398 | 30 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | 4,4'-DDD | | 70.1 | | ug/Kg | <MDL | 1 | 1.427 | 2 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | 2-Chloronaphthalene | | 70.1 | | ug/Kg | <MDL | 16 | 22.825 | 32 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | 4,4'-DDT | | 70.1 | | ug/Kg | <MDL,L | 1 | 1.427 | 2 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | 2,6-Dinitrotoluene | | 70.1 | | ug/Kg | <MDL | 27 | 38.516 | 53.3 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | 4-Chlorophenyl Phenyl Ether | | 70.1 | | ug/Kg | <MDL | 13 | 18.545 | 26 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | 4-Methylphenol | | 70.1 | | ug/Kg | <MDL | 16 | 22.825 | 32 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Acenaphthene | | 70.1 | | ug/Kg | <MDL | 7 | 9.986 | 14 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Acenaphthylene | | 70.1 | | ug/Kg | <MDL | 15 | 21.398 | 30 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Acid Volatile Sulfides | | 70.1 | | mg/Kg | <MDL | 1 | 1.427 | 1 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Chromium, Total, ICP | 14.6 | 70.1 | 20.827 | mg/Kg | | 0.24 | 0.342 | 1.22 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | 4,4'-DDE | | 70.1 | | ug/Kg | <MDL | 1 | 1.427 | 2 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | 2,4,5-Trichlorophenol | | 70.1 | | ug/Kg | <MDL | 12 | 17.118 | 24 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | 1,2,4-Trichlorobenzene | | 70.1 | | ug/Kg | <MDL,G | 0.26 | 0.371 | 0.53 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | 1,2-Dichlorobenzene | | 70.1 | | ug/Kg | <MDL,G | 1.3 | 1.854 | 2.67 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | 1,2-Diphenylhydrazine | | 70.1 | | ug/Kg | <MDL | 10 | 14.265 | 20 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | 1,3-Dichlorobenzene | | 70.1 | | ug/Kg | <MDL,G | 1.3 | 1.854 | 2.67 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | 1,4-Dichlorobenzene | | 70.1 | | ug/Kg | <MDL,G | 1.3 | 1.854 | 2.67 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | 2-Chlorophenol | | 70.1 | | ug/Kg | <MDL,G | 8 | 11.412 | 16 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | 2,4,5-TP (Silvex) | | 70.1 | | ug/Kg | <MDL | 2.2 | 3.138 | 8.9 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Alpha-Chlordane | | 70.1 | | ug/Kg | <MDL,L | 0.5 | 0.713 | 1 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | 2,4,6-Trichlorophenol | | 70.1 | | ug/Kg | <MDL | 13 | 18.545 | 26 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | 2,4-D | | 70.1 | | ug/Kg | <MDL | 2.3 | 3.281 | 5.93 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | 2,4-DB | | 70.1 | | ug/Kg | <MDL | 1.7 | 2.425 | 5.93 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | 2,4-Dichlorophenol | | 70.1 | | ug/Kg | <MDL | 16 | 22.825 | 32 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | 2,4-Dimethylphenol | | 70.1 | | ug/Kg | <MDL | 7 | 9.986 | 14 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | 2,4-Dinitrotoluene | | 70.1 | | ug/Kg | <MDL | 27 | 38.516 | 53.3 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | 2,4,5-T | | 70.1 | | ug/Kg | <MDL | 2.7 | 3.852 | 8.9 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Bis(2-Chloroethyl)Ether | | 70.1 | | ug/Kg | <MDL,G | 15 | 21.398 | 30 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Aldrin | | 70.1 | | ug/Kg | <MDL | 1 | 1.427 | 2 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Benzoic Acid | | 70.1 | | ug/Kg | <MDL | 27 | 38.516 | 53.3 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Benzyl Alcohol | | 70.1 | | ug/Kg | <MDL | 6 | 8.559 | 12 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Benzyl Butyl Phthalate | | 70.1 | | ug/Kg | <MDL | 13 | 18.545 | 26.7 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Beryllium, Total, ICP | 0.11 | 70.1 | 0.157 | mg/Kg | <RDL | 0.049 | 0.070 | 0.245 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Benzo(g,h,i)perylene | | 70.1 | | ug/Kg | <MDL | 8 | 11.412 | 16 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Bis(2-Chloroethoxy)Methane | | 70.1 | | ug/Kg | <MDL | 17 | 24.251 | 34 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Benzo(b)fluoranthene | 9.71 | 70.1 | 13.852 | ug/Kg | | 3 | 4.280 | 6 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Bis(2-Chloroisopropyl)Ether | | 70.1 | | ug/Kg | <MDL | 15 | 21.398 | 30 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Bis(2-Ethylhexyl)Phthalate | | 70.1 | | ug/Kg | B | 291 | 415.121 | 26.7 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Cadmium, Extractable, SEM | | 70.1 | | mg/Kg | <MDL | 0.023 | 0.033 | 0.117 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Cadmium, Total, ICP | | 70.1 | | mg/Kg | <MDL | 0.15 | 0.214 | 0.735 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Caffeine | | 70.1 | | ug/Kg | <MDL | 6 | 8.559 | 12 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Carbazole | | 70.1 | | ug/Kg | <MDL | 7 | 9.986 | 14 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Beta-BHC | | 70.1 | | ug/Kg | <MDL | 0.5 | 0.713 | 1 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Aroclor 1242 | | 70.1 | | ug/Kg | <MDL | 1.3 | 1.854 | 2.5 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Ammonia Nitrogen | 2.54 | 70.1 | 3.623 | mg/Kg | | 0.1 | 0.143 | 0.2 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Aniline | | 70.1 | | ug/Kg | <MDL,X | 19 | 27.104 | 38 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Anthracene | | 70.1 | | ug/Kg | <MDL,G | 4 | 5.706 | 8 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Antimony, Total, ICP | | 70.1 | | mg/Kg | <MDL,G | 1.5 | 2.140 | 7.35 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Aroclor 1016 | | 70.1 | | ug/Kg | <MDL | 1.3 | 1.854 | 2.5 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Benzo(k)fluoranthene | 10.5 | 70.1 | 14.979 | ug/Kg | | 3 | 4.280 | 6 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Aroclor 1232 | | 70.1 | | ug/Kg | <MDL | 2.5 | 3.566 | 5 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Pyridine | | 70.1 | | ug/Kg | <MDL,X | 130 | 185.449 | 267 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Aroclor 1248 | | 70.1 | | ug/Kg | <MDL | 1.3 | 1.854 | 2.5 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Aroclor 1254 | | 70.1 | | ug/Kg | <MDL | 1.3 | 1.854 | 2.5 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Aroclor 1260 | | 70.1 | | ug/Kg | <MDL | 1.3 | 1.854 | 2.5 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Arsenic, Total, ICP | | 70.1 | | mg/Kg | <MDL | 2.4 | 3.424 | 12.2 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Benzo(a)anthracene | 8.4 | 70.1 | 11.983 | ug/Kg | | 2 | 2.853 | 4 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Benzo(a)pyrene | 9.39 | 70.1 | 13.395 | ug/Kg | | 3 | 4.280 | 6 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Aroclor 1221 | | 70.1 | | ug/Kg | <MDL | 2.5 | 3.566 | 5 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Phorate | | 70.1 | | ug/Kg | <MDL | 53 | 75.606 | 107 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Zinc, Extractable, SEM | 5.74 | 70.1 | 8.188 | mg/Kg | | 0.039 | 0.056 | 0.194 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Zinc, Total, ICP | 19.3 | 70.1 | 27.532 | mg/Kg | | 0.24 | 0.342 | 1.22 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | p+0.00 | 2.8 | 70.1 | 3.994 | % | | 0.1 | 0.143 | 0.1 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | p+1.00 | 10.9 | 70.1 | 15.549 | % | | 0.1 | 0.143 | 0.1 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Total Sulfide | 160 | 70.1 | 228.245 | mg/Kg | H,G | 1 | 1.427 | 1 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Total Solids | 70.1 | 70.1 | 100.000 | % | | 0.005 | 0.007 | 0.01 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Sediment Type | | 70.1 | | none | | | | |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Sample Description | | 70.1 | | none | | | | |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Sample Function | | 70.1 | | none | | | | |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Sampling Method | | 70.1 | | none | | | | |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Sand | 61.3 | 70.1 | 87.447 | % | | 0.1 | 0.143 | 0.1 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Toxaphene | | 70.1 | | ug/Kg | <MDL | 10 | 14.265 | 20 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Sediment Sampling Range | | 70.1 | | cm | | | | |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Selenium, Total, ICP | | 70.1 | | mg/Kg | <MDL | 2.4 | 3.424 | 12.2 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Silt | 3.7 | 70.1 | 5.278 | % | | 0.1 | 0.143 | 0.1 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Silver, Total, ICP | 0.58 | 70.1 | 0.827 | mg/Kg | <RDL | 0.2 | 0.285 | 0.98 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Thallium, Total, ICP | | 70.1 | | mg/Kg | <MDL | 9.8 | 13.980 | 49 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Total Organic Carbon | 7720 | 70.1 | 11012.839 | mg/Kg | | 1200 | 1711.840 | 2400 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Total Phosphorus | 215 | 70.1 | 306.705 | mg/Kg | B | 64 | 91.298 | 12.5 |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Sediment Sampling Depth | 5 | 70.1 | 7.133 | cm | | | | |
| SAMM_BRIDGE_145 | 8/27/2003 | L29367-6 | Pyrene | 16.6 | 70.1 | 23.680 | ug/Kg | | 4 | 5.706 | 8 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Benzyl Alcohol | | 70.1 | | ug/Kg | <MDL,G | 6 | 8.559 | 12 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | 2,4,5-TP (Silvex) | | 70.1 | | ug/Kg | <MDL | 2.1 | 2.996 | 6.6 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | 1,2-Dichlorobenzene | | 70.1 | | ug/Kg | <MDL,G | 0.26 | 0.371 | 0.53 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | 1,2-Diphenylhydrazine | | 70.1 | | ug/Kg | <MDL | 10 | 14.265 | 20 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | 1,3-Dichlorobenzene | | 70.1 | | ug/Kg | <MDL,G | 0.26 | 0.371 | 0.53 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | 1,4-Dichlorobenzene | | 70.1 | | ug/Kg | <MDL,G | 0.13 | 0.185 | 0.264 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Beryllium, Total, ICP | 0.096 | 70.1 | 0.137 | mg/Kg | <RDL | 0.048 | 0.068 | 0.241 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | 1,2,4-Trichlorobenzene | | 70.1 | | ug/Kg | <MDL,G | 0.26 | 0.371 | 0.53 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | 2,4,5-Trichlorophenol | | 70.1 | | ug/Kg | <MDL | 12 | 17.118 | 24 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | N-Nitrosodimethylamine | | 70.1 | | ug/Kg | <MDL,X | 20 | 28.531 | 40 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | MCPA | | 70.1 | | ug/Kg | <MDL | 0.99 | 1.412 | 6.6 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | MCPP | | 70.1 | | ug/Kg | <MDL | 1.8 | 2.568 | 6.6 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Malathion | | 70.1 | | ug/Kg | <MDL | 53 | 75.606 | 100 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Manganese, Total, ICP | 104 | 70.1 | 148.359 | mg/Kg | | 0.096 | 0.137 | 0.481 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Mercury, Extractable, SEM | | 70.1 | | mg/Kg | <MDL | 0.011 | 0.016 | 0.0328 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Mercury, Total, CVAA | | 70.1 | | mg/Kg | <MDL | 0.02 | 0.029 | 0.197 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Methoxychlor | | 70.1 | | ug/Kg | <MDL | 5 | 7.133 | 10 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Endosulfan I | | 70.1 | | ug/Kg | <MDL | 1 | 1.427 | 2 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | N-Nitrosodi-N-Propylamine | | 70.1 | | ug/Kg | <MDL | 9 | 12.839 | 18 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Lead, Extractable, SEM | 4 | 70.1 | 5.706 | mg/Kg | <RDL | 1.5 | 2.140 | 7.45 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | N-Nitrosodiphenylamine | | 70.1 | | ug/Kg | <MDL | 20 | 28.531 | 40 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Naphthalene | | 70.1 | | ug/Kg | <MDL,G | 14 | 19.971 | 28 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Nickel, Extractable, SEM | 4.3 | 70.1 | 6.134 | mg/Kg | <RDL,E | 0.99 | 1.412 | 4.97 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Nickel, Total, ICP | 15.1 | 70.1 | 21.541 | mg/Kg | | 0.96 | 1.369 | 4.81 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Nitrobenzene | | 70.1 | | ug/Kg | <MDL,G | 16 | 22.825 | 32 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Parathion-Ethyl | | 70.1 | | ug/Kg | <MDL | 53 | 75.606 | 100 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Parathion-Methyl | | 70.1 | | ug/Kg | <MDL | 53 | 75.606 | 100 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Mono-n-Butyltin (as monobutyltin io | 2 | 70.1 | 2.853 | ug/Kg | <RDL | 1.7 | 2.425 | 3.37 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Gravel | 38.2 | 70.1 | 54.494 | % | | 0.1 | 0.143 | 0.1 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | 2,4,5-T | | 70.1 | | ug/Kg | <MDL | 1.4 | 1.997 | 6.6 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Endosulfan Sulfate | | 70.1 | | ug/Kg | <MDL | 1 | 1.427 | 2 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Endrin | | 70.1 | | ug/Kg | <MDL | 1 | 1.427 | 2 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Endrin Aldehyde | | 70.1 | | ug/Kg | <MDL,G | 2 | 2.853 | 4 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Extractable Phosphorus | 5.66 | 70.1 | 8.074 | mg/Kg | | 0.2 | 0.285 | 0.5 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Fluoranthene | 57.2 | 70.1 | 81.598 | ug/Kg | L | 8 | 11.412 | 16 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Fluorene | | 70.1 | | ug/Kg | <MDL | 13 | 18.545 | 26 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Lube Oil Range ( >C24) | | 70.1 | | mg/Kg | <MDL | 100 | 142.653 | 100 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Gasoline Range (C7 Thru C12) | | 70.1 | | mg/Kg | <MDL | 20 | 28.531 | 20 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Lead, Total, ICP | 5.3 | 70.1 | 7.561 | mg/Kg | <RDL | 1.4 | 1.997 | 7.22 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Heptachlor | | 70.1 | | ug/Kg | <MDL | 0.5 | 0.713 | 1 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Heptachlor Epoxide | | 70.1 | | ug/Kg | <MDL | 0.5 | 0.713 | 1 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Hexachlorobenzene | | 70.1 | | ug/Kg | <MDL | 0.66 | 0.942 | 1.33 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Hexachlorobutadiene | | 70.1 | | ug/Kg | <MDL,G | 0.75 | 1.070 | 1.5 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Hexachloroethane | | 70.1 | | ug/Kg | <MDL,G | 15 | 21.398 | 30 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Indeno(1,2,3-Cd)Pyrene | 21 | 70.1 | 29.957 | ug/Kg | G | 9 | 12.839 | 18 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Isophorone | | 70.1 | | ug/Kg | <MDL | 19 | 27.104 | 38 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Phenol | | 70.1 | | ug/Kg | <MDL | 9 | 12.839 | 18 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Gamma-BHC (Lindane) | | 70.1 | | ug/Kg | <MDL | 0.5 | 0.713 | 1 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | p+3.00 | 14.3 | 70.1 | 20.399 | % | | 0.1 | 0.143 | 0.1 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Pentachlorophenol | | 70.1 | | ug/Kg | <MDL | 5 | 7.133 | 10 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Tri-n-Butyltin (as tributyltin ion) | | 70.1 | | ug/Kg | <MDL,E | 0.21 | 0.300 | 0.415 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Zinc, Extractable, SEM | 19.1 | 70.1 | 27.247 | mg/Kg | B,E | 7.5 | 10.699 | 1.24 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Zinc, Total, ICP | 20.7 | 70.1 | 29.529 | mg/Kg | | 0.24 | 0.342 | 1.2 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | p+0.00 | 5.9 | 70.1 | 8.417 | % | | 0.1 | 0.143 | 0.1 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | p+1.00 | 12.6 | 70.1 | 17.974 | % | | 0.1 | 0.143 | 0.1 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | p+10.0 | | 70.1 | | % | <MDL | 0.1 | 0.143 | 0.1 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Total Sulfide | 7.1 | 70.1 | 10.128 | mg/Kg | | 3 | 4.280 | 3 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | p+2.00 | 17.4 | 70.1 | 24.822 | % | | 0.1 | 0.143 | 0.1 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Total Solids | 70.1 | 70.1 | 100.000 | % | | 0.005 | 0.007 | 0.01 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | p+4.00 | 6.4 | 70.1 | 9.130 | % | | 0.1 | 0.143 | 0.1 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | p+5.00 | | 70.1 | | % | <MDL | 0.1 | 0.143 | 0.1 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | p+6.00 | 2.3 | 70.1 | 3.281 | % | | 0.1 | 0.143 | 0.1 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | p+7.00 | 2 | 70.1 | 2.853 | % | | 0.1 | 0.143 | 0.1 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | p+8.00 | 0.8 | 70.1 | 1.141 | % | | 0.1 | 0.143 | 0.1 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | p+9.00 | | 70.1 | | % | <MDL | 0.1 | 0.143 | 0.1 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | p-1.00 | 6.1 | 70.1 | 8.702 | % | | 0.1 | 0.143 | 0.1 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | p-2.00 | 1.9 | 70.1 | 2.710 | % | | 0.1 | 0.143 | 0.1 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | p+10.0(more than) | | 70.1 | | % | <MDL | 0.1 | 0.143 | 0.1 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Sediment Sampling Range | | 70.1 | | none | | | | |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Disulfoton | | 70.1 | | ug/Kg | <MDL | 20 | 28.531 | 33.3 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Phorate | | 70.1 | | ug/Kg | <MDL | 33 | 47.076 | 66.7 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Pyrene | 56.8 | 70.1 | 81.027 | ug/Kg | L | 4 | 5.706 | 8 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Sample Depth | 0.7 | 70.1 | 0.999 | m | | | | |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Sample Description | | 70.1 | | none | | | | |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Sample Function | | 70.1 | | none | | | | |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Sampling Method | | 70.1 | | none | | | | |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Toxaphene | | 70.1 | | ug/Kg | <MDL | 10 | 14.265 | 20 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Sediment Sampling Depth | | 70.1 | | cm | | | | |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Phenanthrene | 21.3 | 70.1 | 30.385 | ug/Kg | | 4 | 5.706 | 8 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Sediment Type | | 70.1 | | none | | | | |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Selenium, Total, ICP | | 70.1 | | mg/Kg | <MDL | 2.4 | 3.424 | 12 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Silt | 5.1 | 70.1 | 7.275 | % | | 0.1 | 0.143 | 0.1 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Silver, Total, ICP | | 70.1 | | mg/Kg | <MDL | 0.19 | 0.271 | 0.962 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Tetra-n-Butyltin (as tetrabutyltin) | | 70.1 | | ug/Kg | <MDL | 0.4 | 0.571 | 0.801 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Thallium, Total, ICP | | 70.1 | | mg/Kg | <MDL | 9.6 | 13.695 | 48.1 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Total Organic Carbon | 13300 | 70.1 | 18972.896 | mg/Kg | | 1000 | 1426.534 | 2000 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Total Phosphorus | 137 | 70.1 | 195.435 | mg/Kg | | 6.3 | 8.987 | 12.5 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Sand | 56.6 | 70.1 | 80.742 | % | | 0.1 | 0.143 | 0.1 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Aroclor 1232 | | 70.1 | | ug/Kg | <MDL | 2.5 | 3.566 | 5 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Acid Volatile Sulfides | 4.7 | 70.1 | 6.705 | mg/Kg | E | 1 | 1.427 | 1 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Aldrin | | 70.1 | | ug/Kg | <MDL | 1 | 1.427 | 2 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Alpha-BHC | | 70.1 | | ug/Kg | <MDL | 0.5 | 0.713 | 1 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Ammonia Nitrogen | 6.42 | 70.1 | 9.158 | mg/Kg | | 0.1 | 0.143 | 0.2 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Aniline | | 70.1 | | ug/Kg | <MDL,X | 19 | 27.104 | 38 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Anthracene | | 70.1 | | ug/Kg | <MDL,G,E | 4 | 5.706 | 8 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Antimony, Total, ICP | | 70.1 | | mg/Kg | <MDL,G | 1.4 | 1.997 | 7.22 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Benzo(b)fluoranthene | 36.5 | 70.1 | 52.068 | ug/Kg | | 3 | 4.280 | 6 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Aroclor 1221 | | 70.1 | | ug/Kg | <MDL | 2.5 | 3.566 | 5 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | 4-Methylphenol | | 70.1 | | ug/Kg | <MDL | 16 | 22.825 | 32 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Aroclor 1242 | | 70.1 | | ug/Kg | <MDL | 1.3 | 1.854 | 2.5 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Aroclor 1248 | | 70.1 | | ug/Kg | <MDL | 1.3 | 1.854 | 2.5 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Aroclor 1254 | | 70.1 | | ug/Kg | <MDL | 1.3 | 1.854 | 2.5 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Aroclor 1260 | | 70.1 | | ug/Kg | <MDL | 1.3 | 1.854 | 2.5 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Arsenic, Total, ICP | | 70.1 | | mg/Kg | <MDL | 2.4 | 3.424 | 12 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Benzo(a)anthracene | 25.7 | 70.1 | 36.662 | ug/Kg | | 2 | 2.853 | 4 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Endosulfan II | | 70.1 | | ug/Kg | <MDL | 1 | 1.427 | 2 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Aroclor 1016 | | 70.1 | | ug/Kg | <MDL | 1.3 | 1.854 | 2.5 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | 2-Methylnaphthalene | | 70.1 | | ug/Kg | <MDL | 14 | 19.971 | 28 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | 2,4,6-Trichlorophenol | | 70.1 | | ug/Kg | <MDL | 13 | 18.545 | 26 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | 2,4-D | | 70.1 | | ug/Kg | <MDL | 0.54 | 0.770 | 6.6 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | 2,4-DB | | 70.1 | | ug/Kg | <MDL | 0.93 | 1.327 | 6.6 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | 2,4-Dichlorophenol | | 70.1 | | ug/Kg | <MDL | 16 | 22.825 | 32 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | 2,4-Dimethylphenol | | 70.1 | | ug/Kg | <MDL | 7 | 9.986 | 14 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | 2,4-Dinitrotoluene | | 70.1 | | ug/Kg | <MDL | 3 | 4.280 | 6 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | 2,6-Dinitrotoluene | | 70.1 | | ug/Kg | <MDL | 10 | 14.265 | 20 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Acenaphthylene | | 70.1 | | ug/Kg | <MDL | 15 | 21.398 | 30 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | 2-Chlorophenol | | 70.1 | | ug/Kg | <MDL,G | 8 | 11.412 | 16 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Acenaphthene | | 70.1 | | ug/Kg | <MDL | 7 | 9.986 | 14 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | 2-Methylphenol | | 70.1 | | ug/Kg | <MDL | 19 | 27.104 | 38 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | 2-Nitrophenol | | 70.1 | | ug/Kg | <MDL | 15 | 21.398 | 30 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | 4,4'-DDD | | 70.1 | | ug/Kg | <MDL | 1 | 1.427 | 2 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | 4,4'-DDE | | 70.1 | | ug/Kg | <MDL | 1 | 1.427 | 2 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | 4,4'-DDT | | 70.1 | | ug/Kg | <MDL | 1 | 1.427 | 2 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | 4-Bromophenyl Phenyl Ether | | 70.1 | | ug/Kg | <MDL | 9 | 12.839 | 18 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | 4-Chlorophenyl Phenyl Ether | | 70.1 | | ug/Kg | <MDL | 13 | 18.545 | 26 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Benzo(g,h,i)perylene | | 70.1 | | ug/Kg | <MDL | 8 | 11.412 | 16 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | 2-Chloronaphthalene | | 70.1 | | ug/Kg | <MDL | 16 | 22.825 | 32 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Dibenzo(a,h)anthracene | | 70.1 | | ug/Kg | RDL,B,L | 110 | 156.919 | 14 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Benzo(a)pyrene | | 70.1 | | ug/Kg | B | 86.4 | 123.252 | 6 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Copper, Total, ICP | 7.29 | 70.1 | 10.399 | mg/Kg | | 0.19 | 0.271 | 0.962 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Coprostanol | | 70.1 | | ug/Kg | <MDL | 14 | 19.971 | 28 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Dalapon | | 70.1 | | ug/Kg | <MDL | 2 | 2.853 | 6.6 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Delta-BHC | | 70.1 | | ug/Kg | <MDL | 0.5 | 0.713 | 1 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Di-N-Butyl Phthalate | | 70.1 | | ug/Kg | <MDL,B | 5 | 7.133 | 10 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Di-N-Octyl Phthalate | 26.8 | 70.1 | 38.231 | ug/Kg | | 8 | 11.412 | 16 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Clay | | 70.1 | | % | <MDL | 0.1 | 0.143 | 0.1 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Diazinon | | 70.1 | | ug/Kg | <MDL | 20 | 28.531 | 33.3 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Chrysene | 35.7 | 70.1 | 50.927 | ug/Kg | | 4 | 5.706 | 8 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Dibenzofuran | | 70.1 | | ug/Kg | <MDL | 14 | 19.971 | 28 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Dicamba | | 70.1 | | ug/Kg | <MDL | 1.6 | 2.282 | 6.6 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Dichloroprop | | 70.1 | | ug/Kg | <MDL | 0.7 | 0.999 | 6.6 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Dieldrin | | 70.1 | | ug/Kg | <MDL | 1 | 1.427 | 2 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Diesel Range (>C12 Thru C24) | | 70.1 | | mg/Kg | <MDL | 50 | 71.327 | 50 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Diethyl Phthalate | | 70.1 | | ug/Kg | <MDL | 6 | 8.559 | 12 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Dimethyl Phthalate | | 70.1 | | ug/Kg | <MDL | 11 | 15.692 | 22 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Dinoseb | | 70.1 | | ug/Kg | <MDL | 0.54 | 0.770 | 6.6 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Di-n-Butyltin (as dibutyltin ion) | 0.983 | 70.1 | 1.402 | ug/Kg | E | 0.35 | 0.499 | 0.7 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Bis(2-Ethylhexyl)Phthalate | | 70.1 | | ug/Kg | B,L | 160 | 228.245 | 14 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Benzo(k)fluoranthene | 38.8 | 70.1 | 55.350 | ug/Kg | B | 33 | 47.076 | 6 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Benzoic Acid | 106 | 70.1 | 151.213 | ug/Kg | G | 6 | 8.559 | 12 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Benzyl Butyl Phthalate | 14.7 | 70.1 | 20.970 | ug/Kg | | 6 | 8.559 | 12 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Beta-BHC | | 70.1 | | ug/Kg | <MDL | 0.5 | 0.713 | 1 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Bis(2-Chloroethoxy)Methane | | 70.1 | | ug/Kg | <MDL | 17 | 24.251 | 34 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Copper, Extractable, SEM | 4.55 | 70.1 | 6.491 | mg/Kg | E | 0.2 | 0.285 | 0.994 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Bis(2-Chloroisopropyl)Ether | | 70.1 | | ug/Kg | <MDL | 15 | 21.398 | 30 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | p-2.00(less than) | 30.2 | 70.1 | 43.081 | % | | 0.1 | 0.143 | 0.1 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Cadmium, Extractable, SEM | | 70.1 | | mg/Kg | <MDL | 0.15 | 0.214 | 0.745 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Cadmium, Total, ICP | | 70.1 | | mg/Kg | <MDL | 0.14 | 0.200 | 0.722 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Caffeine | | 70.1 | | ug/Kg | <MDL | 6 | 8.559 | 12 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Carbazole | | 70.1 | | ug/Kg | <MDL | 7 | 9.986 | 14 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Chlordane | | 70.1 | | ug/Kg | <MDL | 0.5 | 0.713 | 1 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Chlorpyrifos | | 70.1 | | ug/Kg | <MDL | 33 | 47.076 | 66.7 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Chromium, Extractable, SEM | 2.3 | 70.1 | 3.281 | mg/Kg | E | 0.25 | 0.357 | 1.24 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Chromium, Total, ICP | 14.6 | 70.1 | 20.827 | mg/Kg | | 0.24 | 0.342 | 1.2 |
| SAMM_BRIDGE_90 | 10/18/2001 | L22024-10 | Bis(2-Chloroethyl)Ether | | 70.1 | | ug/Kg | <MDL,G | 15 | 21.398 | 30 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | p+7.00 | 1 | 70.3 | 1.422 | % | | 0.1 | 0.142 | 0.1 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | p-2.00(less than) | 31 | 70.3 | 44.097 | % | | 0.1 | 0.142 | 0.1 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | p-2.00 | 3 | 70.3 | 4.267 | % | | 0.1 | 0.142 | 0.1 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | p-1.00 | 9 | 70.3 | 12.802 | % | | 0.1 | 0.142 | 0.1 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | p+8.00 | 1.8 | 70.3 | 2.560 | % | | 0.1 | 0.142 | 0.1 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | p+6.00 | 1.3 | 70.3 | 1.849 | % | | 0.1 | 0.142 | 0.1 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | p+5.00 | | 70.3 | | % | <MDL | 0.1 | 0.142 | 0.1 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | p+4.00 | 6.4 | 70.3 | 9.104 | % | | 0.1 | 0.142 | 0.1 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | p+3.00 | 16.3 | 70.3 | 23.186 | % | | 0.1 | 0.142 | 0.1 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | p+2.00 | 13.2 | 70.3 | 18.777 | % | | 0.1 | 0.142 | 0.1 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | p+10.0(more than) | | 70.3 | | % | <MDL | 0.1 | 0.142 | 0.1 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | p+10.0 | 0.4 | 70.3 | 0.569 | % | | 0.1 | 0.142 | 0.1 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | p+9.00 | 0.8 | 70.3 | 1.138 | % | | 0.1 | 0.142 | 0.1 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Lube Oil Range (>C24) | 59.3 | 70.3 | 84.353 | mg/Kg | | 25 | 35.562 | 25 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Heptachlor Epoxide | | 70.3 | | ug/Kg | <MDL | 0.5 | 0.711 | 1 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Hexachlorobenzene | | 70.3 | | ug/Kg | <MDL | 0.66 | 0.939 | 1.33 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Hexachlorobutadiene | | 70.3 | | ug/Kg | <MDL,G | 0.75 | 1.067 | 1.5 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Hexachloroethane | | 70.3 | | ug/Kg | <MDL,G | 15 | 21.337 | 30 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Indeno(1,2,3-Cd)Pyrene | 30.6 | 70.3 | 43.528 | ug/Kg | | 9 | 12.802 | 18 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Isophorone | | 70.3 | | ug/Kg | <MDL,G | 19 | 27.027 | 38 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Lead, Extractable, SEM | 1.56 | 70.3 | 2.219 | mg/Kg | | 0.2 | 0.284 | 1.01 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Dicamba | | 70.3 | | ug/Kg | <MDL | 1.5 | 2.134 | 6.54 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Lube Oil Range (  >C24) | | 70.3 | | mg/Kg | P,TA | 100 | 142.248 | 100 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Gasoline Range (C7 Thru C12) | | 70.3 | | mg/Kg | <MDL | 20 | 28.450 | 20 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | MCPA | | 70.3 | | ug/Kg | <MDL | 2.9 | 4.125 | 6.54 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | MCPP | | 70.3 | | ug/Kg | <MDL | 1.3 | 1.849 | 6.54 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Malathion | | 70.3 | | ug/Kg | <MDL | 85 | 120.910 | 160 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Manganese, Total, ICP | 98 | 70.3 | 139.403 | mg/Kg | L | 0.1 | 0.142 | 0.501 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Mercury, Extractable, SEM | | 70.3 | | mg/Kg | <MDL | 0.0013 | 0.002 | 0.00403 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Mercury, Total, CVAA | | 70.3 | | mg/Kg | <MDL | 0.02 | 0.028 | 0.198 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Methoxychlor | | 70.3 | | ug/Kg | <MDL | 5 | 7.112 | 10 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Lead, Total, ICP | 3.6 | 70.3 | 5.121 | mg/Kg | <RDL | 1.5 | 2.134 | 7.52 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Endosulfan Sulfate | | 70.3 | | ug/Kg | <MDL | 1 | 1.422 | 2 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Dieldrin | | 70.3 | | ug/Kg | <MDL | 1 | 1.422 | 2 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Diesel Range (>C12 Thru C24) | | 70.3 | | mg/Kg | <MDL | 50 | 71.124 | 50 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Diethyl Phthalate | | 70.3 | | ug/Kg | <MDL | 13 | 18.492 | 26.7 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Dimethyl Phthalate | | 70.3 | | ug/Kg | <MDL | 13 | 18.492 | 26.7 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Dinoseb | | 70.3 | | ug/Kg | <MDL | 2.1 | 2.987 | 9.81 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Disulfoton | | 70.3 | | ug/Kg | <MDL | 32 | 45.519 | 53.3 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Heptachlor | | 70.3 | | ug/Kg | <MDL | 0.5 | 0.711 | 1 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Endosulfan II | | 70.3 | | ug/Kg | <MDL | 1 | 1.422 | 2 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Gravel | 43 | 70.3 | 61.166 | % | | 0.1 | 0.142 | 0.1 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Endrin | | 70.3 | | ug/Kg | <MDL | 1 | 1.422 | 2 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Endrin Aldehyde | | 70.3 | | ug/Kg | <MDL | 2 | 2.845 | 4 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Extractable Phosphorus | 5.46 | 70.3 | 7.767 | mg/Kg | | 0.2 | 0.284 | 0.5 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Fluoranthene | 87 | 70.3 | 123.755 | ug/Kg | | 8 | 11.380 | 16 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Fluorene | | 70.3 | | ug/Kg | <MDL | 13 | 18.492 | 26 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Gamma-BHC (Lindane) | | 70.3 | | ug/Kg | <MDL | 0.5 | 0.711 | 1 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Gamma-Chlordane | | 70.3 | | ug/Kg | <MDL | 0.5 | 0.711 | 1 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | N-Nitrosodiphenylamine | | 70.3 | | ug/Kg | <MDL | 20 | 28.450 | 40 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Endosulfan I | | 70.3 | | ug/Kg | <MDL | 1 | 1.422 | 2 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Zinc, Extractable, SEM | 4.68 | 70.3 | 6.657 | mg/Kg | | 0.034 | 0.048 | 0.168 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | N-Nitrosodi-N-Propylamine | | 70.3 | | ug/Kg | <MDL | 9 | 12.802 | 18 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Silt | 4.1 | 70.3 | 5.832 | % | | 0.1 | 0.142 | 0.1 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Silver, Total, ICP | 0.67 | 70.3 | 0.953 | mg/Kg | <RDL | 0.2 | 0.284 | 1 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Thallium, Total, ICP | | 70.3 | | mg/Kg | <MDL | 10 | 14.225 | 50.1 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Total Organic Carbon | 7110 | 70.3 | 10113.798 | mg/Kg | | 500 | 711.238 | 1000 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Total Phosphorus | 153 | 70.3 | 217.639 | mg/Kg | B | 64 | 91.038 | 12.5 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Total Solids | 70.3 | 70.3 | 100.000 | % | | 0.005 | 0.007 | 0.01 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Sediment Type | | 70.3 | | none | | | | |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Toxaphene | | 70.3 | | ug/Kg | <MDL | 10 | 14.225 | 20 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Sediment Sampling Range | | 70.3 | | cm | | | | |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Zinc, Total, ICP | 23.8 | 70.3 | 33.855 | mg/Kg | | 0.25 | 0.356 | 1.25 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | p+0.00 | 6 | 70.3 | 8.535 | % | | 0.1 | 0.142 | 0.1 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | p+1.00 | 9.9 | 70.3 | 14.083 | % | | 0.1 | 0.142 | 0.1 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Total Sulfide | 19 | 70.3 | 27.027 | mg/Kg | H,G | 1 | 1.422 | 1 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Phenol | 12 | 70.3 | 17.070 | ug/Kg | <RDL | 9 | 12.802 | 18 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Dibenzofuran | | 70.3 | | ug/Kg | <MDL | 14 | 19.915 | 28 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Naphthalene | | 70.3 | | ug/Kg | <MDL,G | 14 | 19.915 | 28 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Nickel, Extractable, SEM | 0.66 | 70.3 | 0.939 | mg/Kg | <RDL | 0.13 | 0.185 | 0.672 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Nickel, Total, ICP | 15.7 | 70.3 | 22.333 | mg/Kg | | 1 | 1.422 | 5.01 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Nitrobenzene | | 70.3 | | ug/Kg | <MDL | 16 | 22.760 | 32 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Parathion-Ethyl | | 70.3 | | ug/Kg | <MDL | 85 | 120.910 | 160 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Parathion-Methyl | | 70.3 | | ug/Kg | <MDL | 85 | 120.910 | 160 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Selenium, Total, ICP | | 70.3 | | mg/Kg | <MDL | 2.5 | 3.556 | 12.5 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Phenanthrene | 33.7 | 70.3 | 47.937 | ug/Kg | | 4 | 5.690 | 8 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | N-Nitrosodimethylamine | | 70.3 | | ug/Kg | <MDL,G | 20 | 28.450 | 40 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Phorate | | 70.3 | | ug/Kg | <MDL | 53 | 75.391 | 107 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Pyrene | 79 | 70.3 | 112.376 | ug/Kg | | 4 | 5.690 | 8 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Pyridine | | 70.3 | | ug/Kg | <MDL,X | 130 | 184.922 | 267 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Sample Description | | 70.3 | | none | | | | |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Sample Function | | 70.3 | | none | | | | |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Sampling Method | | 70.3 | | none | | | | |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Sand | 51.8 | 70.3 | 73.684 | % | | 0.1 | 0.142 | 0.1 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Sediment Sampling Depth | 5 | 70.3 | 7.112 | cm | | | | |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Pentachlorophenol | | 70.3 | | ug/Kg | <MDL,G | 13 | 18.492 | 26.7 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Acid Volatile Sulfides | | 70.3 | | mg/Kg | <MDL | 1 | 1.422 | 1 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | 2-Nitrophenol | | 70.3 | | ug/Kg | <MDL | 15 | 21.337 | 30 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | 4,4'-DDD | | 70.3 | | ug/Kg | <MDL | 1 | 1.422 | 2 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | 4,4'-DDE | | 70.3 | | ug/Kg | <MDL | 1 | 1.422 | 2 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | 4,4'-DDT | | 70.3 | | ug/Kg | <MDL,L | 1 | 1.422 | 2 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | 4-Bromophenyl Phenyl Ether | | 70.3 | | ug/Kg | <MDL | 9 | 12.802 | 18 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | 4-Chlorophenyl Phenyl Ether | | 70.3 | | ug/Kg | <MDL | 13 | 18.492 | 26 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | 4-Methylphenol | | 70.3 | | ug/Kg | <MDL | 16 | 22.760 | 32 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Dichloroprop | | 70.3 | | ug/Kg | <MDL | 2.4 | 3.414 | 6.54 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Acenaphthylene | | 70.3 | | ug/Kg | <MDL | 15 | 21.337 | 30 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | 2-Chlorophenol | | 70.3 | | ug/Kg | <MDL,G | 8 | 11.380 | 16 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Aldrin | | 70.3 | | ug/Kg | <MDL | 1 | 1.422 | 2 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Alpha-BHC | | 70.3 | | ug/Kg | <MDL | 0.5 | 0.711 | 1 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Alpha-Chlordane | | 70.3 | | ug/Kg | <MDL,L | 0.5 | 0.711 | 1 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Ammonia Nitrogen | 4.82 | 70.3 | 6.856 | mg/Kg | | 0.1 | 0.142 | 0.2 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Aniline | | 70.3 | | ug/Kg | <MDL,X | 19 | 27.027 | 38 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Anthracene | 6.5 | 70.3 | 9.246 | ug/Kg | <RDL,G | 4 | 5.690 | 8 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Antimony, Total, ICP | | 70.3 | | mg/Kg | <MDL,G | 1.5 | 2.134 | 7.52 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Acenaphthene | | 70.3 | | ug/Kg | <MDL | 7 | 9.957 | 14 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | 2,4,6-Trichlorophenol | | 70.3 | | ug/Kg | <MDL | 13 | 18.492 | 26 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | 1,2,4-Trichlorobenzene | | 70.3 | | ug/Kg | <MDL,G | 0.26 | 0.370 | 0.53 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | 1,2-Dichlorobenzene | | 70.3 | | ug/Kg | <MDL,G | 1.3 | 1.849 | 2.67 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | 1,2-Diphenylhydrazine | | 70.3 | | ug/Kg | <MDL | 10 | 14.225 | 20 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | 1,3-Dichlorobenzene | | 70.3 | | ug/Kg | <MDL,G | 1.3 | 1.849 | 2.67 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | 1,4-Dichlorobenzene | | 70.3 | | ug/Kg | <MDL,G | 1.3 | 1.849 | 2.67 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | 2,4,5-T | | 70.3 | | ug/Kg | <MDL | 3 | 4.267 | 9.81 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | 2-Methylphenol | | 70.3 | | ug/Kg | <MDL | 19 | 27.027 | 38 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | 2,4,5-Trichlorophenol | | 70.3 | | ug/Kg | <MDL | 12 | 17.070 | 24 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | 2-Methylnaphthalene | | 70.3 | | ug/Kg | <MDL | 14 | 19.915 | 28 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | 2,4-D | | 70.3 | | ug/Kg | <MDL | 2.6 | 3.698 | 6.54 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | 2,4-DB | | 70.3 | | ug/Kg | <MDL | 1.8 | 2.560 | 6.54 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | 2,4-Dichlorophenol | | 70.3 | | ug/Kg | <MDL | 16 | 22.760 | 32 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | 2,4-Dimethylphenol | | 70.3 | | ug/Kg | <MDL | 7 | 9.957 | 14 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | 2,4-Dinitrotoluene | | 70.3 | | ug/Kg | <MDL | 27 | 38.407 | 53.3 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | 2,6-Dinitrotoluene | | 70.3 | | ug/Kg | <MDL | 27 | 38.407 | 53.3 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | 2-Chloronaphthalene | | 70.3 | | ug/Kg | <MDL | 16 | 22.760 | 32 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Aroclor 1232 | | 70.3 | | ug/Kg | <MDL | 2.5 | 3.556 | 5 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | 2,4,5-TP (Silvex) | | 70.3 | | ug/Kg | <MDL | 2.4 | 3.414 | 9.81 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Copper, Extractable, SEM | 0.256 | 70.3 | 0.364 | mg/Kg | | 0.027 | 0.038 | 0.134 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Aroclor 1016 | | 70.3 | | ug/Kg | <MDL | 1.3 | 1.849 | 2.5 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Cadmium, Total, ICP | | 70.3 | | mg/Kg | <MDL | 0.15 | 0.213 | 0.752 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Caffeine | | 70.3 | | ug/Kg | <MDL | 6 | 8.535 | 12 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Carbazole | | 70.3 | | ug/Kg | <MDL | 7 | 9.957 | 14 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Chlorpyrifos | | 70.3 | | ug/Kg | <MDL | 53 | 75.391 | 107 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Chromium, Extractable, SEM | 0.234 | 70.3 | 0.333 | mg/Kg | | 0.034 | 0.048 | 0.168 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Chromium, Total, ICP | 13.8 | 70.3 | 19.630 | mg/Kg | | 0.25 | 0.356 | 1.25 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Bis(2-Ethylhexyl)Phthalate | | 70.3 | | ug/Kg | B | 291 | 413.940 | 26.7 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Clay | 1.2 | 70.3 | 1.707 | % | E | 0.1 | 0.142 | 0.1 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Bis(2-Chloroisopropyl)Ether | | 70.3 | | ug/Kg | <MDL | 15 | 21.337 | 30 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Copper, Total, ICP | 6.78 | 70.3 | 9.644 | mg/Kg | | 0.2 | 0.284 | 1 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Coprostanol | | 70.3 | | ug/Kg | <MDL | 130 | 184.922 | 267 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Dalapon | | 70.3 | | ug/Kg | <MDL | 1.4 | 1.991 | 6.54 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Delta-BHC | | 70.3 | | ug/Kg | <MDL | 0.5 | 0.711 | 1 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Di-N-Butyl Phthalate | | 70.3 | | ug/Kg | B | 788 | 1120.910 | 26.7 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Di-N-Octyl Phthalate | | 70.3 | | ug/Kg | <MDL | 13 | 18.492 | 26.7 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Diazinon | | 70.3 | | ug/Kg | <MDL | 32 | 45.519 | 53.3 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Dibenzo(a,h)anthracene | 8.5 | 70.3 | 12.091 | ug/Kg | <RDL,L | 7 | 9.957 | 14 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Chrysene | 44.6 | 70.3 | 63.442 | ug/Kg | | 4 | 5.690 | 8 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Benzo(g,h,i)perylene | 27.6 | 70.3 | 39.260 | ug/Kg | | 8 | 11.380 | 16 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Aroclor 1242 | | 70.3 | | ug/Kg | <MDL | 1.3 | 1.849 | 2.5 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Aroclor 1248 | | 70.3 | | ug/Kg | <MDL | 1.3 | 1.849 | 2.5 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Aroclor 1254 | | 70.3 | | ug/Kg | <MDL | 1.3 | 1.849 | 2.5 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Aroclor 1260 | | 70.3 | | ug/Kg | <MDL | 1.3 | 1.849 | 2.5 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Arsenic, Total, ICP | | 70.3 | | mg/Kg | <MDL | 2.5 | 3.556 | 12.5 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Benzo(a)anthracene | 36.3 | 70.3 | 51.636 | ug/Kg | | 2 | 2.845 | 4 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Cadmium, Extractable, SEM | 0.022 | 70.3 | 0.031 | mg/Kg | <RDL | 0.02 | 0.028 | 0.101 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Benzo(b)fluoranthene | 44.8 | 70.3 | 63.727 | ug/Kg | | 3 | 4.267 | 6 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Aroclor 1221 | | 70.3 | | ug/Kg | <MDL | 2.5 | 3.556 | 5 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Benzo(k)fluoranthene | 44.5 | 70.3 | 63.300 | ug/Kg | | 3 | 4.267 | 6 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Benzoic Acid | 50 | 70.3 | 71.124 | ug/Kg | <RDL | 27 | 38.407 | 53.3 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Benzyl Alcohol | | 70.3 | | ug/Kg | <MDL | 6 | 8.535 | 12 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Benzyl Butyl Phthalate | | 70.3 | | ug/Kg | <MDL | 13 | 18.492 | 26.7 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Beryllium, Total, ICP | 0.1 | 70.3 | 0.142 | mg/Kg | <RDL | 0.05 | 0.071 | 0.251 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Beta-BHC | | 70.3 | | ug/Kg | <MDL | 0.5 | 0.711 | 1 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Bis(2-Chloroethoxy)Methane | | 70.3 | | ug/Kg | <MDL | 17 | 24.182 | 34 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Bis(2-Chloroethyl)Ether | | 70.3 | | ug/Kg | <MDL,G | 15 | 21.337 | 30 |
| SAMM_BRIDGE_90 | 8/26/2003 | L29367-10 | Benzo(a)pyrene | 42.7 | 70.3 | 60.740 | ug/Kg | | 3 | 4.267 | 6 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | 2,4-Dimethylphenol | | 68.9 | | ug/Kg | <MDL | 7 | 10.160 | 14 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | 2,4-Dichlorophenol | | 68.9 | | ug/Kg | <MDL | 16 | 23.222 | 32 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | 2,4-DB | | 68.9 | | ug/Kg | <MDL | 0.93 | 1.350 | 6.63 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | 2,4-D | | 68.9 | | ug/Kg | <MDL | 0.55 | 0.798 | 6.63 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | 2,4,6-Trichlorophenol | | 68.9 | | ug/Kg | <MDL | 13 | 18.868 | 26 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | 2,4,5-Trichlorophenol | | 68.9 | | ug/Kg | <MDL | 12 | 17.417 | 24 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | 2,4,5-TP (Silvex) | | 68.9 | | ug/Kg | <MDL | 2.1 | 3.048 | 6.63 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | 2,4,5-T | | 68.9 | | ug/Kg | <MDL | 1.5 | 2.177 | 6.63 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | 1,4-Dichlorobenzene | | 68.9 | | ug/Kg | <MDL,G | 0.13 | 0.189 | 0.264 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | 1,3-Dichlorobenzene | | 68.9 | | ug/Kg | <MDL,G | 0.26 | 0.377 | 0.53 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | 1,2-Diphenylhydrazine | | 68.9 | | ug/Kg | <MDL | 10 | 14.514 | 20 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | 1,2-Dichlorobenzene | | 68.9 | | ug/Kg | <MDL,G | 0.26 | 0.377 | 0.53 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | 2-Chloronaphthalene | | 68.9 | | ug/Kg | <MDL | 16 | 23.222 | 32 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Benzo(a)pyrene | | 68.9 | | ug/Kg | B | 86.4 | 125.399 | 6 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | 1,2,4-Trichlorobenzene | | 68.9 | | ug/Kg | <MDL,G | 0.26 | 0.377 | 0.53 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Acid Volatile Sulfides | 10.3 | 68.9 | 14.949 | mg/Kg | E | 1 | 1.451 | 1 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Arsenic, Total, ICP | | 68.9 | | mg/Kg | <MDL | 2.5 | 3.628 | 12.4 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Aroclor 1260 | | 68.9 | | ug/Kg | <MDL | 1.3 | 1.887 | 2.5 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Aroclor 1254 | | 68.9 | | ug/Kg | <MDL | 1.3 | 1.887 | 2.5 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Aroclor 1248 | | 68.9 | | ug/Kg | <MDL | 1.3 | 1.887 | 2.5 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Aroclor 1242 | | 68.9 | | ug/Kg | <MDL | 1.3 | 1.887 | 2.5 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Aroclor 1232 | | 68.9 | | ug/Kg | <MDL | 2.5 | 3.628 | 5 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Aroclor 1221 | | 68.9 | | ug/Kg | <MDL | 2.5 | 3.628 | 5 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Aroclor 1016 | | 68.9 | | ug/Kg | <MDL | 1.3 | 1.887 | 2.5 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Antimony, Total, ICP | | 68.9 | | mg/Kg | <MDL,G | 1.5 | 2.177 | 7.41 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Anthracene | | 68.9 | | ug/Kg | <MDL,G,E | 4 | 5.806 | 8 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Aniline | | 68.9 | | ug/Kg | <MDL,X | 19 | 27.576 | 38 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Ammonia Nitrogen | 2.76 | 68.9 | 4.006 | mg/Kg | | 0.1 | 0.145 | 0.2 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | 2,4-Dinitrotoluene | | 68.9 | | ug/Kg | <MDL | 3 | 4.354 | 6 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | 4,4'-DDT | | 68.9 | | ug/Kg | <MDL | 1 | 1.451 | 2 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | 2-Chlorophenol | | 68.9 | | ug/Kg | <MDL,G | 8 | 11.611 | 16 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | 2-Methylnaphthalene | | 68.9 | | ug/Kg | <MDL | 14 | 20.319 | 28 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | 2-Methylphenol | | 68.9 | | ug/Kg | <MDL | 19 | 27.576 | 38 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | 2-Nitrophenol | | 68.9 | | ug/Kg | <MDL | 15 | 21.771 | 30 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Alpha-BHC | | 68.9 | | ug/Kg | <MDL | 0.5 | 0.726 | 1 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | 4,4'-DDE | | 68.9 | | ug/Kg | <MDL | 1 | 1.451 | 2 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Aldrin | | 68.9 | | ug/Kg | <MDL | 1 | 1.451 | 2 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | 4-Bromophenyl Phenyl Ether | | 68.9 | | ug/Kg | <MDL | 9 | 13.062 | 18 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | 4-Chlorophenyl Phenyl Ether | | 68.9 | | ug/Kg | <MDL | 13 | 18.868 | 26 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | 4-Methylphenol | | 68.9 | | ug/Kg | <MDL | 16 | 23.222 | 32 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Acenaphthene | | 68.9 | | ug/Kg | <MDL | 7 | 10.160 | 14 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Acenaphthylene | | 68.9 | | ug/Kg | <MDL | 15 | 21.771 | 30 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | 2,6-Dinitrotoluene | | 68.9 | | ug/Kg | <MDL | 10 | 14.514 | 20 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | 4,4'-DDD | | 68.9 | | ug/Kg | <MDL | 1 | 1.451 | 2 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Benzo(b)fluoranthene | 31.7 | 68.9 | 46.009 | ug/Kg | | 3 | 4.354 | 6 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Nickel, Extractable, SEM | 11.4 | 68.9 | 16.546 | mg/Kg | E | 1 | 1.451 | 4.98 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Sand | 92 | 68.9 | 133.527 | % | | 0.1 | 0.145 | 0.1 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Sampling Method | | 68.9 | | none | | | | |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Sample Function | | 68.9 | | none | | | | |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Sample Description | | 68.9 | | none | | | | |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Sample Depth | 0.5 | 68.9 | 0.726 | m | | | | |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Pyrene | 50.5 | 68.9 | 73.295 | ug/Kg | L | 4 | 5.806 | 8 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Phorate | | 68.9 | | ug/Kg | <MDL | 33 | 47.896 | 66.7 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Phenol | | 68.9 | | ug/Kg | <MDL | 9 | 13.062 | 18 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Phenanthrene | 28 | 68.9 | 40.639 | ug/Kg | | 4 | 5.806 | 8 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Pentachlorophenol | | 68.9 | | ug/Kg | <MDL | 5 | 7.257 | 10 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Parathion-Methyl | | 68.9 | | ug/Kg | <MDL | 53 | 76.923 | 100 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Parathion-Ethyl | | 68.9 | | ug/Kg | <MDL | 53 | 76.923 | 100 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Lube Oil Range ( >C24) | | 68.9 | | mg/Kg | P | 100 | 145.138 | 100 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Nickel, Total, ICP | 15.5 | 68.9 | 22.496 | mg/Kg | | 0.99 | 1.437 | 4.94 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Sediment Type | | 68.9 | | none | | | | |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Naphthalene | | 68.9 | | ug/Kg | <MDL,G | 14 | 20.319 | 28 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | N-Nitrosodiphenylamine | | 68.9 | | ug/Kg | <MDL | 20 | 29.028 | 40 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | N-Nitrosodimethylamine | | 68.9 | | ug/Kg | <MDL,X | 20 | 29.028 | 40 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | N-Nitrosodi-N-Propylamine | | 68.9 | | ug/Kg | <MDL | 9 | 13.062 | 18 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Mono-n-Butyltin (as monobutyltin io | 3.2 | 68.9 | 4.644 | ug/Kg | <RDL | 1.7 | 2.467 | 3.37 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Methoxychlor | | 68.9 | | ug/Kg | <MDL | 5 | 7.257 | 10 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Mercury, Total, CVAA | | 68.9 | | mg/Kg | <MDL | 0.019 | 0.028 | 0.193 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Mercury, Extractable, SEM | 0.014 | 68.9 | 0.020 | mg/Kg | <RDL | 0.011 | 0.016 | 0.0328 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Manganese, Total, ICP | 122 | 68.9 | 177.068 | mg/Kg | | 0.099 | 0.144 | 0.494 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Malathion | | 68.9 | | ug/Kg | <MDL | 53 | 76.923 | 100 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | MCPP | | 68.9 | | ug/Kg | <MDL | 1.8 | 2.612 | 6.63 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | MCPA | | 68.9 | | ug/Kg | <MDL | 1 | 1.451 | 6.63 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Benzo(a)anthracene | 22.2 | 68.9 | 32.221 | ug/Kg | | 2 | 2.903 | 4 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Nitrobenzene | | 68.9 | | ug/Kg | <MDL,G | 16 | 23.222 | 32 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Zinc, Total, ICP | 36.9 | 68.9 | 53.556 | mg/Kg | | 0.25 | 0.363 | 1.24 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | p-2.00(less than) | 0.5 | 68.9 | 0.726 | % | | 0.1 | 0.145 | 0.1 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | p-2.00 | 0.2 | 68.9 | 0.290 | % | | 0.1 | 0.145 | 0.1 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | p-1.00 | 1.2 | 68.9 | 1.742 | % | | 0.1 | 0.145 | 0.1 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | p+9.00 | | 68.9 | | % | <MDL | 0.1 | 0.145 | 0.1 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | p+8.00 | | 68.9 | | % | <MDL | 0.1 | 0.145 | 0.1 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | p+7.00 | 2.3 | 68.9 | 3.338 | % | | 0.1 | 0.145 | 0.1 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | p+6.00 | | 68.9 | | % | <MDL | 0.1 | 0.145 | 0.1 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | p+5.00 | 3.8 | 68.9 | 5.515 | % | | 0.1 | 0.145 | 0.1 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | p+4.00 | 6.6 | 68.9 | 9.579 | % | | 0.1 | 0.145 | 0.1 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | p+3.00 | 17.2 | 68.9 | 24.964 | % | | 0.1 | 0.145 | 0.1 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | p+2.00 | 19.8 | 68.9 | 28.737 | % | | 0.1 | 0.145 | 0.1 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | p+10.0(more than) | | 68.9 | | % | <MDL | 0.1 | 0.145 | 0.1 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | p+10.0 | | 68.9 | | % | <MDL | 0.1 | 0.145 | 0.1 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Sediment Sampling Depth | | 68.9 | | cm | | | | |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Total Phosphorus | 171 | 68.9 | 248.186 | mg/Kg | | 6.3 | 9.144 | 12.5 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Lead, Total, ICP | 4.2 | 68.9 | 6.096 | mg/Kg | <RDL | 1.5 | 2.177 | 7.41 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Selenium, Total, ICP | | 68.9 | | mg/Kg | <MDL | 2.5 | 3.628 | 12.4 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Silt | 6.1 | 68.9 | 8.853 | % | | 0.1 | 0.145 | 0.1 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Silver, Total, ICP | | 68.9 | | mg/Kg | <MDL | 0.2 | 0.290 | 0.988 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Tetra-n-Butyltin (as tetrabutyltin) | | 68.9 | | ug/Kg | <MDL | 0.4 | 0.581 | 0.801 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | p+1.00 | 35.3 | 68.9 | 51.234 | % | | 0.1 | 0.145 | 0.1 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Total Organic Carbon | 6390 | 68.9 | 9274.311 | mg/Kg | | 650 | 943.396 | 1300 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | p+0.00 | 13.1 | 68.9 | 19.013 | % | | 0.1 | 0.145 | 0.1 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Total Solids | 68.9 | 68.9 | 100.000 | % | | 0.005 | 0.007 | 0.01 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Total Sulfide | 37 | 68.9 | 53.701 | mg/Kg | | 5 | 7.257 | 5 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Toxaphene | | 68.9 | | ug/Kg | <MDL | 10 | 14.514 | 20 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Tri-n-Butyltin (as tributyltin ion) | 0.423 | 68.9 | 0.614 | ug/Kg | E | 0.21 | 0.305 | 0.415 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Zinc, Extractable, SEM | 23.8 | 68.9 | 34.543 | mg/Kg | B,E | 7.5 | 10.885 | 1.24 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Sediment Sampling Range | | 68.9 | | none | | | | |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Thallium, Total, ICP | | 68.9 | | mg/Kg | <MDL | 9.9 | 14.369 | 49.4 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Caffeine | | 68.9 | | ug/Kg | <MDL | 6 | 8.708 | 12 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Di-N-Octyl Phthalate | | 68.9 | | ug/Kg | <MDL | 8 | 11.611 | 16 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Di-N-Butyl Phthalate | | 68.9 | | ug/Kg | <MDL,B | 5 | 7.257 | 10 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Delta-BHC | | 68.9 | | ug/Kg | <MDL | 0.5 | 0.726 | 1 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Dalapon | | 68.9 | | ug/Kg | <MDL | 2 | 2.903 | 6.63 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Coprostanol | | 68.9 | | ug/Kg | <MDL | 14 | 20.319 | 28 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Copper, Total, ICP | 5.36 | 68.9 | 7.779 | mg/Kg | | 0.2 | 0.290 | 0.988 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Copper, Extractable, SEM | 3.91 | 68.9 | 5.675 | mg/Kg | E | 0.2 | 0.290 | 0.995 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Clay | | 68.9 | | % | <MDL | 0.1 | 0.145 | 0.1 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Chrysene | 29.3 | 68.9 | 42.525 | ug/Kg | | 4 | 5.806 | 8 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Chromium, Total, ICP | 14.5 | 68.9 | 21.045 | mg/Kg | | 0.25 | 0.363 | 1.24 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Chromium, Extractable, SEM | 2.9 | 68.9 | 4.209 | mg/Kg | E | 0.25 | 0.363 | 1.24 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Chlorpyrifos | | 68.9 | | ug/Kg | <MDL | 33 | 47.896 | 66.7 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Lube Oil Range (>C24) | 66.7 | 68.9 | 96.807 | mg/Kg | | 25 | 36.284 | 25 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Carbazole | | 68.9 | | ug/Kg | <MDL | 7 | 10.160 | 14 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Dibenzo(a,h)anthracene | | 68.9 | | ug/Kg | <RDL,B,L | 110 | 159.652 | 14 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Cadmium, Total, ICP | 0.16 | 68.9 | 0.232 | mg/Kg | <RDL | 0.15 | 0.218 | 0.741 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Cadmium, Extractable, SEM | 0.16 | 68.9 | 0.232 | mg/Kg | <RDL | 0.15 | 0.218 | 0.746 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Bis(2-Ethylhexyl)Phthalate | 287 | 68.9 | 416.546 | ug/Kg | B,L | 160 | 232.221 | 14 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Bis(2-Chloroisopropyl)Ether | | 68.9 | | ug/Kg | <MDL | 15 | 21.771 | 30 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Bis(2-Chloroethyl)Ether | | 68.9 | | ug/Kg | <MDL,G | 15 | 21.771 | 30 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Bis(2-Chloroethoxy)Methane | | 68.9 | | ug/Kg | <MDL | 17 | 24.673 | 34 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Beta-BHC | | 68.9 | | ug/Kg | <MDL | 0.5 | 0.726 | 1 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Beryllium, Total, ICP | 0.087 | 68.9 | 0.126 | mg/Kg | <RDL | 0.049 | 0.071 | 0.247 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Benzyl Butyl Phthalate | 20.5 | 68.9 | 29.753 | ug/Kg | | 6 | 8.708 | 12 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Benzyl Alcohol | | 68.9 | | ug/Kg | <MDL,G | 6 | 8.708 | 12 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Benzoic Acid | 126 | 68.9 | 182.874 | ug/Kg | G | 6 | 8.708 | 12 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Benzo(k)fluoranthene | | 68.9 | | ug/Kg | B | 33 | 47.896 | 6 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Benzo(g,h,i)perylene | | 68.9 | | ug/Kg | <MDL | 8 | 11.611 | 16 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Chlordane | | 68.9 | | ug/Kg | <MDL | 0.5 | 0.726 | 1 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Lead, Extractable, SEM | 4.5 | 68.9 | 6.531 | mg/Kg | <RDL | 1.5 | 2.177 | 7.46 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Isophorone | | 68.9 | | ug/Kg | <MDL | 19 | 27.576 | 38 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Indeno(1,2,3-Cd)Pyrene | 19.5 | 68.9 | 28.302 | ug/Kg | G | 9 | 13.062 | 18 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Hexachloroethane | | 68.9 | | ug/Kg | <MDL,G | 15 | 21.771 | 30 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Hexachlorobutadiene | | 68.9 | | ug/Kg | <MDL,G | 0.75 | 1.089 | 1.5 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Hexachlorobenzene | | 68.9 | | ug/Kg | <MDL | 0.66 | 0.958 | 1.33 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Heptachlor Epoxide | | 68.9 | | ug/Kg | <MDL | 0.5 | 0.726 | 1 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Heptachlor | | 68.9 | | ug/Kg | <MDL | 0.5 | 0.726 | 1 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Gravel | 1.9 | 68.9 | 2.758 | % | | 0.1 | 0.145 | 0.1 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Gasoline Range (C7 Thru C12) | | 68.9 | | mg/Kg | <MDL | 20 | 29.028 | 20 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Gamma-BHC (Lindane) | | 68.9 | | ug/Kg | <MDL | 0.5 | 0.726 | 1 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Fluorene | | 68.9 | | ug/Kg | <MDL | 13 | 18.868 | 26 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Fluoranthene | 52.7 | 68.9 | 76.488 | ug/Kg | L | 8 | 11.611 | 16 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Di-n-Butyltin (as dibutyltin ion) | 1.03 | 68.9 | 1.495 | ug/Kg | E | 0.35 | 0.508 | 0.7 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Dimethyl Phthalate | | 68.9 | | ug/Kg | <MDL | 11 | 15.965 | 22 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Endosulfan II | | 68.9 | | ug/Kg | <MDL | 1 | 1.451 | 2 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Dibenzofuran | | 68.9 | | ug/Kg | <MDL | 14 | 20.319 | 28 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Dicamba | | 68.9 | | ug/Kg | <MDL | 1.6 | 2.322 | 6.63 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Dichloroprop | | 68.9 | | ug/Kg | <MDL | 0.71 | 1.030 | 6.63 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Dieldrin | | 68.9 | | ug/Kg | <MDL | 1 | 1.451 | 2 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Extractable Phosphorus | 8.31 | 68.9 | 12.061 | mg/Kg | | 0.2 | 0.290 | 0.5 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Diethyl Phthalate | | 68.9 | | ug/Kg | <MDL | 6 | 8.708 | 12 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Endrin Aldehyde | | 68.9 | | ug/Kg | <MDL,G | 2 | 2.903 | 4 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Dinoseb | | 68.9 | | ug/Kg | <MDL | 0.55 | 0.798 | 6.63 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Disulfoton | | 68.9 | | ug/Kg | <MDL | 20 | 29.028 | 33.3 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Endosulfan I | | 68.9 | | ug/Kg | <MDL | 1 | 1.451 | 2 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Endosulfan Sulfate | | 68.9 | | ug/Kg | <MDL | 1 | 1.451 | 2 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Diazinon | | 68.9 | | ug/Kg | <MDL | 20 | 29.028 | 33.3 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Diesel Range (>C12 Thru C24) | | 68.9 | | mg/Kg | <MDL | 50 | 72.569 | 50 |
| SAMM_LITTLEBEARMOUTH | 10/17/2001 | L22024-3 | Endrin | | 68.9 | | ug/Kg | <MDL | 1 | 1.451 | 2 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | p-2.00 | 3.7 | 80.4 | 4.602 | % | | 0.1 | 0.124 | 0.1 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | N-Nitrosodi-N-Propylamine | | 80.4 | | ug/Kg | <MDL | 9 | 11.194 | 18 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | p-2.00(less than) | 25.6 | 80.4 | 31.841 | % | | 0.1 | 0.124 | 0.1 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | 1,2-Dichlorobenzene | | 80.4 | | ug/Kg | <MDL,G | 1.3 | 1.617 | 2.67 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | 2-Chloronaphthalene | | 80.4 | | ug/Kg | <MDL | 16 | 19.900 | 32 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | 1,2,4-Trichlorobenzene | | 80.4 | | ug/Kg | <MDL,G | 0.26 | 0.323 | 0.53 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | 1,2-Diphenylhydrazine | | 80.4 | | ug/Kg | <MDL | 10 | 12.438 | 20 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | 1,3-Dichlorobenzene | | 80.4 | | ug/Kg | <MDL,G | 1.3 | 1.617 | 2.67 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | 1,4-Dichlorobenzene | | 80.4 | | ug/Kg | <MDL,G | 1.3 | 1.617 | 2.67 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | 2,4,5-T | | 80.4 | | ug/Kg | <MDL | 3.1 | 3.856 | 9.95 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | 2,4,5-TP (Silvex) | | 80.4 | | ug/Kg | <MDL | 2.5 | 3.109 | 9.95 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | 2,4,5-Trichlorophenol | | 80.4 | | ug/Kg | <MDL | 12 | 14.925 | 24 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | 2,4,6-Trichlorophenol | | 80.4 | | ug/Kg | <MDL | 13 | 16.169 | 26 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | 2,4-D | | 80.4 | | ug/Kg | <MDL | 2.6 | 3.234 | 6.64 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | 2,4-DB | | 80.4 | | ug/Kg | <MDL | 1.9 | 2.363 | 6.64 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | 2,4-Dichlorophenol | | 80.4 | | ug/Kg | <MDL | 16 | 19.900 | 32 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | 2,4-Dimethylphenol | | 80.4 | | ug/Kg | <MDL | 7 | 8.706 | 14 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | 2,4-Dinitrotoluene | | 80.4 | | ug/Kg | <MDL | 27 | 33.582 | 53.3 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Dibenzofuran | | 80.4 | | ug/Kg | <MDL | 14 | 17.413 | 28 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | 2-Chlorophenol | | 80.4 | | ug/Kg | <MDL,G | 8 | 9.950 | 16 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Chlorpyrifos | | 80.4 | | ug/Kg | <MDL | 53 | 65.920 | 107 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Benzo(k)fluoranthene | 6.93 | 80.4 | 8.619 | ug/Kg | | 3 | 3.731 | 6 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Benzoic Acid | | 80.4 | | ug/Kg | <MDL | 27 | 33.582 | 53.3 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Benzyl Alcohol | | 80.4 | | ug/Kg | <MDL | 6 | 7.463 | 12 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Benzyl Butyl Phthalate | | 80.4 | | ug/Kg | <MDL | 13 | 16.169 | 26.7 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Beryllium, Total, ICP | 0.1 | 80.4 | 0.124 | mg/Kg | <RDL | 0.05 | 0.062 | 0.25 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Beta-BHC | | 80.4 | | ug/Kg | <MDL | 0.5 | 0.622 | 1 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Bis(2-Chloroethoxy)Methane | | 80.4 | | ug/Kg | <MDL | 17 | 21.144 | 34 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Bis(2-Chloroethyl)Ether | | 80.4 | | ug/Kg | <MDL,G | 15 | 18.657 | 30 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Bis(2-Chloroisopropyl)Ether | | 80.4 | | ug/Kg | <MDL | 15 | 18.657 | 30 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Bis(2-Ethylhexyl)Phthalate | | 80.4 | | ug/Kg | B | 291 | 361.940 | 26.7 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Cadmium, Extractable, SEM | | 80.4 | | mg/Kg | <MDL | 0.075 | 0.093 | 0.376 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Cadmium, Total, ICP | | 80.4 | | mg/Kg | <MDL | 0.15 | 0.187 | 0.75 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | 2,6-Dinitrotoluene | | 80.4 | | ug/Kg | <MDL | 27 | 33.582 | 53.3 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Carbazole | | 80.4 | | ug/Kg | <MDL | 7 | 8.706 | 14 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Benzo(a)pyrene | 7.07 | 80.4 | 8.794 | ug/Kg | | 3 | 3.731 | 6 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Chromium, Extractable, SEM | 0.38 | 80.4 | 0.473 | mg/Kg | <RDL,E | 0.13 | 0.162 | 0.626 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Chromium, Total, ICP | 16.6 | 80.4 | 20.647 | mg/Kg | | 0.25 | 0.311 | 1.25 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Chrysene | 9.04 | 80.4 | 11.244 | ug/Kg | | 4 | 4.975 | 8 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Clay | 2.4 | 80.4 | 2.985 | % | | 0.1 | 0.124 | 0.1 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Copper, Extractable, SEM | 1.39 | 80.4 | 1.729 | mg/Kg | | 0.1 | 0.124 | 0.501 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Copper, Total, ICP | 5.06 | 80.4 | 6.294 | mg/Kg | | 0.2 | 0.249 | 1 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Coprostanol | | 80.4 | | ug/Kg | <MDL | 130 | 161.692 | 267 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Dalapon | | 80.4 | | ug/Kg | <MDL | 1.5 | 1.866 | 6.64 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Delta-BHC | | 80.4 | | ug/Kg | <MDL | 0.5 | 0.622 | 1 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Di-N-Butyl Phthalate | | 80.4 | | ug/Kg | B | 788 | 980.100 | 26.7 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Di-N-Octyl Phthalate | | 80.4 | | ug/Kg | <MDL | 13 | 16.169 | 26.7 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Diazinon | | 80.4 | | ug/Kg | <MDL | 32 | 39.801 | 53.3 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Dibenzo(a,h)anthracene | | 80.4 | | ug/Kg | <MDL,L | 7 | 8.706 | 14 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Caffeine | | 80.4 | | ug/Kg | <MDL | 6 | 7.463 | 12 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Ammonia Nitrogen | 2.91 | 80.4 | 3.619 | mg/Kg | | 0.1 | 0.124 | 0.2 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | 2-Methylnaphthalene | | 80.4 | | ug/Kg | <MDL | 14 | 17.413 | 28 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | 2-Methylphenol | | 80.4 | | ug/Kg | <MDL | 19 | 23.632 | 38 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | 2-Nitrophenol | | 80.4 | | ug/Kg | <MDL | 15 | 18.657 | 30 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | 4,4'-DDD | | 80.4 | | ug/Kg | <MDL | 1 | 1.244 | 2 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | 4,4'-DDE | | 80.4 | | ug/Kg | <MDL | 1 | 1.244 | 2 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | 4,4'-DDT | | 80.4 | | ug/Kg | <MDL,L | 1 | 1.244 | 2 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | 4-Bromophenyl Phenyl Ether | | 80.4 | | ug/Kg | <MDL | 9 | 11.194 | 18 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | 4-Chlorophenyl Phenyl Ether | | 80.4 | | ug/Kg | <MDL | 13 | 16.169 | 26 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | 4-Methylphenol | | 80.4 | | ug/Kg | <MDL | 16 | 19.900 | 32 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Acenaphthene | | 80.4 | | ug/Kg | <MDL | 7 | 8.706 | 14 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Acenaphthylene | | 80.4 | | ug/Kg | <MDL | 15 | 18.657 | 30 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Acid Volatile Sulfides | | 80.4 | | mg/Kg | <MDL | 1 | 1.244 | 1 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Aldrin | | 80.4 | | ug/Kg | <MDL | 1 | 1.244 | 2 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Benzo(g,h,i)perylene | | 80.4 | | ug/Kg | <MDL | 8 | 9.950 | 16 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Aroclor 1232 | | 80.4 | | ug/Kg | <MDL | 2.5 | 3.109 | 5 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Benzo(a)anthracene | 9.87 | 80.4 | 12.276 | ug/Kg | | 2 | 2.488 | 4 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Arsenic, Total, ICP | | 80.4 | | mg/Kg | <MDL | 2.5 | 3.109 | 12.5 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Aroclor 1260 | | 80.4 | | ug/Kg | <MDL | 1.3 | 1.617 | 2.5 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Aroclor 1254 | | 80.4 | | ug/Kg | <MDL | 1.3 | 1.617 | 2.5 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Alpha-BHC | | 80.4 | | ug/Kg | <MDL | 0.5 | 0.622 | 1 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Aroclor 1242 | | 80.4 | | ug/Kg | <MDL | 1.3 | 1.617 | 2.5 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Alpha-Chlordane | | 80.4 | | ug/Kg | <MDL,L | 0.5 | 0.622 | 1 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Aroclor 1221 | | 80.4 | | ug/Kg | <MDL | 2.5 | 3.109 | 5 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Aroclor 1016 | | 80.4 | | ug/Kg | <MDL | 1.3 | 1.617 | 2.5 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Antimony, Total, ICP | | 80.4 | | mg/Kg | <MDL,G | 1.5 | 1.866 | 7.5 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Anthracene | | 80.4 | | ug/Kg | <MDL,G | 4 | 4.975 | 8 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Aniline | | 80.4 | | ug/Kg | <MDL,X | 19 | 23.632 | 38 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Benzo(b)fluoranthene | 8.91 | 80.4 | 11.082 | ug/Kg | | 3 | 3.731 | 6 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Aroclor 1248 | | 80.4 | | ug/Kg | <MDL | 1.3 | 1.617 | 2.5 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | N-Nitrosodiphenylamine | | 80.4 | | ug/Kg | <MDL | 20 | 24.876 | 40 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | p-1.00 | 11.5 | 80.4 | 14.303 | % | | 0.1 | 0.124 | 0.1 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Sample Description | | 80.4 | | none | | | | |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Nitrobenzene | | 80.4 | | ug/Kg | <MDL | 16 | 19.900 | 32 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | p+9.00 | 0.4 | 80.4 | 0.498 | % | | 0.1 | 0.124 | 0.1 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Selenium, Total, ICP | | 80.4 | | mg/Kg | <MDL | 2.5 | 3.109 | 12.5 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Sediment Type | | 80.4 | | none | | | | |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Sediment Sampling Range | | 80.4 | | cm | | | | |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Sediment Sampling Depth | 5 | 80.4 | 6.219 | cm | | | | |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Sand | 56.1 | 80.4 | 69.776 | % | | 0.1 | 0.124 | 0.1 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Total Organic Carbon | 3290 | 80.4 | 4092.040 | mg/Kg | | 500 | 621.891 | 1000 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Sample Function | | 80.4 | | none | | | | |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Total Phosphorus | 404 | 80.4 | 502.488 | mg/Kg | B | 64 | 79.602 | 12.5 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Pyridine | | 80.4 | | ug/Kg | <MDL,X | 130 | 161.692 | 267 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Pyrene | 17.7 | 80.4 | 22.015 | ug/Kg | | 4 | 4.975 | 8 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Phorate | | 80.4 | | ug/Kg | <MDL | 53 | 65.920 | 107 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Phenol | | 80.4 | | ug/Kg | <MDL | 9 | 11.194 | 18 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Phenanthrene | 8.48 | 80.4 | 10.547 | ug/Kg | | 4 | 4.975 | 8 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Pentachlorophenol | | 80.4 | | ug/Kg | <MDL,G | 13 | 16.169 | 26.7 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Parathion-Methyl | | 80.4 | | ug/Kg | <MDL | 85 | 105.721 | 160 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Parathion-Ethyl | | 80.4 | | ug/Kg | <MDL | 85 | 105.721 | 160 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Sampling Method | | 80.4 | | none | | | | |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | p+10.0(more than) | 1.7 | 80.4 | 2.114 | % | | 0.1 | 0.124 | 0.1 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Dicamba | | 80.4 | | ug/Kg | <MDL | 1.5 | 1.866 | 6.64 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | p+8.00 | | 80.4 | | % | <MDL | 0.1 | 0.124 | 0.1 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | p+7.00 | 0.1 | 80.4 | 0.124 | % | RDL | 0.1 | 0.124 | 0.1 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | p+6.00 | 0.5 | 80.4 | 0.622 | % | | 0.1 | 0.124 | 0.1 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | p+5.00 | | 80.4 | | % | <MDL | 0.1 | 0.124 | 0.1 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | p+4.00 | 1 | 80.4 | 1.244 | % | | 0.1 | 0.124 | 0.1 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Silver, Total, ICP | 0.82 | 80.4 | 1.020 | mg/Kg | <RDL | 0.2 | 0.249 | 1 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | p+2.00 | 18.4 | 80.4 | 22.886 | % | | 0.1 | 0.124 | 0.1 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Silt | 0.6 | 80.4 | 0.746 | % | | 0.1 | 0.124 | 0.1 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | p+10.0 | 0.3 | 80.4 | 0.373 | % | | 0.1 | 0.124 | 0.1 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | p+1.00 | 20.3 | 80.4 | 25.249 | % | | 0.1 | 0.124 | 0.1 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | p+0.00 | 11.4 | 80.4 | 14.179 | % | | 0.1 | 0.124 | 0.1 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Zinc, Total, ICP | 29.7 | 80.4 | 36.940 | mg/Kg | | 0.25 | 0.311 | 1.25 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Zinc, Extractable, SEM | 9.54 | 80.4 | 11.866 | mg/Kg | B | 3.5 | 4.353 | 0.626 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Toxaphene | | 80.4 | | ug/Kg | <MDL | 10 | 12.438 | 20 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Total Sulfide | 19 | 80.4 | 23.632 | mg/Kg | | 1 | 1.244 | 1 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Total Solids | 80.4 | 80.4 | 100.000 | % | | 0.005 | 0.006 | 0.01 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | p+3.00 | 5 | 80.4 | 6.219 | % | | 0.1 | 0.124 | 0.1 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Endosulfan II | | 80.4 | | ug/Kg | <MDL | 1 | 1.244 | 2 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Gravel | 40.8 | 80.4 | 50.746 | % | | 0.1 | 0.124 | 0.1 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Gasoline Range (C7 Thru C12) | | 80.4 | | mg/Kg | <MDL | 20 | 24.876 | 20 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Gamma-Chlordane | | 80.4 | | ug/Kg | <MDL | 0.5 | 0.622 | 1 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Gamma-BHC (Lindane) | | 80.4 | | ug/Kg | <MDL | 0.5 | 0.622 | 1 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Fluorene | | 80.4 | | ug/Kg | <MDL | 13 | 16.169 | 26 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Fluoranthene | 21.1 | 80.4 | 26.244 | ug/Kg | | 8 | 9.950 | 16 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Diesel Range (>C12 Thru C24) | | 80.4 | | mg/Kg | <MDL | 50 | 62.189 | 50 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Heptachlor | | 80.4 | | ug/Kg | <MDL | 0.5 | 0.622 | 1 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Endosulfan Sulfate | | 80.4 | | ug/Kg | <MDL | 1 | 1.244 | 2 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Extractable Phosphorus | 15.6 | 80.4 | 19.403 | mg/Kg | | 0.2 | 0.249 | 0.5 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Endosulfan I | | 80.4 | | ug/Kg | <MDL | 1 | 1.244 | 2 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Disulfoton | | 80.4 | | ug/Kg | <MDL | 32 | 39.801 | 53.3 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Dinoseb | | 80.4 | | ug/Kg | <MDL | 2.1 | 2.612 | 9.95 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Dimethyl Phthalate | | 80.4 | | ug/Kg | <MDL | 13 | 16.169 | 26.7 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Diethyl Phthalate | | 80.4 | | ug/Kg | <MDL | 13 | 16.169 | 26.7 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Nickel, Total, ICP | 15.5 | 80.4 | 19.279 | mg/Kg | | 1 | 1.244 | 5 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Thallium, Total, ICP | | 80.4 | | mg/Kg | <MDL | 10 | 12.438 | 50 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Dieldrin | | 80.4 | | ug/Kg | <MDL | 1 | 1.244 | 2 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Endrin Aldehyde | | 80.4 | | ug/Kg | <MDL | 2 | 2.488 | 4 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | N-Nitrosodimethylamine | | 80.4 | | ug/Kg | <MDL,G | 20 | 24.876 | 40 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Nickel, Extractable, SEM | 0.73 | 80.4 | 0.908 | mg/Kg | <RDL | 0.5 | 0.622 | 2.51 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Endrin | | 80.4 | | ug/Kg | <MDL | 1 | 1.244 | 2 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Naphthalene | | 80.4 | | ug/Kg | <MDL,G | 14 | 17.413 | 28 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Dichloroprop | | 80.4 | | ug/Kg | <MDL | 2.5 | 3.109 | 6.64 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Methoxychlor | | 80.4 | | ug/Kg | <MDL | 5 | 6.219 | 10 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Mercury, Total, CVAA | | 80.4 | | mg/Kg | <MDL | 0.021 | 0.026 | 0.208 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Mercury, Extractable, SEM | | 80.4 | | mg/Kg | <MDL | 0.005 | 0.006 | 0.015 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Manganese, Total, ICP | 288 | 80.4 | 358.209 | mg/Kg | L | 0.1 | 0.124 | 0.5 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Malathion | | 80.4 | | ug/Kg | <MDL | 85 | 105.721 | 160 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | MCPP | | 80.4 | | ug/Kg | <MDL | 1.3 | 1.617 | 6.64 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Hexachlorobutadiene | | 80.4 | | ug/Kg | <MDL,G | 0.75 | 0.933 | 1.5 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | MCPA | | 80.4 | | ug/Kg | <MDL | 2.9 | 3.607 | 6.64 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Hexachlorobenzene | | 80.4 | | ug/Kg | <MDL | 0.66 | 0.821 | 1.33 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Hexachloroethane | | 80.4 | | ug/Kg | <MDL,G | 15 | 18.657 | 30 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Indeno(1,2,3-Cd)Pyrene | | 80.4 | | ug/Kg | <MDL | 9 | 11.194 | 18 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Isophorone | | 80.4 | | ug/Kg | <MDL,G | 19 | 23.632 | 38 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Lead, Extractable, SEM | 1.8 | 80.4 | 2.239 | mg/Kg | <RDL | 0.75 | 0.933 | 3.76 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Lead, Total, ICP | 4 | 80.4 | 4.975 | mg/Kg | <RDL | 1.5 | 1.866 | 7.5 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Lube Oil Range ( >C24) | | 80.4 | | mg/Kg | <MDL | 100 | 124.378 | 100 |
| SAMM_LITTLEBEARMOUTH | 9/8/2003 | L29367-3 | Heptachlor Epoxide | | 80.4 | | ug/Kg | <MDL | 0.5 | 0.622 | 1 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Benzo(k)fluoranthene | | 75 | | ug/Kg | <RDL,B | 33 | 44.000 | 6 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Bis(2-Chloroethyl)Ether | | 75 | | ug/Kg | <MDL,G | 15 | 20.000 | 30 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Caffeine | | 75 | | ug/Kg | <MDL | 6 | 8.000 | 12 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Carbazole | | 75 | | ug/Kg | <MDL | 7 | 9.333 | 14 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Cadmium, Total, ICP | | 75 | | mg/Kg | <MDL | 0.15 | 0.200 | 0.743 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Cadmium, Extractable, SEM | | 75 | | mg/Kg | <MDL | 0.15 | 0.200 | 0.744 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Bis(2-Ethylhexyl)Phthalate | | 75 | | ug/Kg | B,L | 160 | 213.333 | 14 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Bis(2-Chloroisopropyl)Ether | | 75 | | ug/Kg | <MDL | 15 | 20.000 | 30 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Bis(2-Chloroethoxy)Methane | | 75 | | ug/Kg | <MDL | 17 | 22.667 | 34 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Beta-BHC | | 75 | | ug/Kg | <MDL | 0.5 | 0.667 | 1 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Beryllium, Total, ICP | 0.14 | 75 | 0.187 | mg/Kg | <RDL | 0.05 | 0.067 | 0.248 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Benzyl Butyl Phthalate | 9.9 | 75 | 13.200 | ug/Kg | <RDL | 6 | 8.000 | 12 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Benzo(a)pyrene | | 75 | | ug/Kg | B | 86.4 | 115.200 | 6 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Benzoic Acid | 120 | 75 | 160.000 | ug/Kg | G | 6 | 8.000 | 12 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Benzo(g,h,i)perylene | | 75 | | ug/Kg | <MDL | 8 | 10.667 | 16 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Chlordane | | 75 | | ug/Kg | <MDL | 0.5 | 0.667 | 1 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Benzyl Alcohol | | 75 | | ug/Kg | <MDL,G | 6 | 8.000 | 12 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Delta-BHC | | 75 | | ug/Kg | <MDL | 0.5 | 0.667 | 1 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Arsenic, Total, ICP | 16.7 | 75 | 22.267 | mg/Kg | | 2.5 | 3.333 | 12.4 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Diesel Range (>C12 Thru C24) | | 75 | | mg/Kg | <MDL | 50 | 66.667 | 50 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Dichloroprop | | 75 | | ug/Kg | <MDL | 0.7 | 0.933 | 6.6 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Dicamba | | 75 | | ug/Kg | <MDL | 1.6 | 2.133 | 6.6 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Dibenzofuran | | 75 | | ug/Kg | <MDL | 14 | 18.667 | 28 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Dibenzo(a,h)anthracene | | 75 | | ug/Kg | <MDL,B,L | 110 | 146.667 | 14 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Diazinon | | 75 | | ug/Kg | <MDL | 20 | 26.667 | 33.3 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Di-n-Butyltin (as dibutyltin ion) | 0.709 | 75 | 0.945 | ug/Kg | E | 0.35 | 0.467 | 0.7 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Dieldrin | | 75 | | ug/Kg | <MDL | 1 | 1.333 | 2 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Di-N-Butyl Phthalate | | 75 | | ug/Kg | B | 53 | 70.667 | 10 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Chlorpyrifos | | 75 | | ug/Kg | <MDL | 33 | 44.000 | 66.7 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Dalapon | | 75 | | ug/Kg | <MDL | 2 | 2.667 | 6.6 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Coprostanol | | 75 | | ug/Kg | <MDL | 14 | 18.667 | 28 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Copper, Total, ICP | 6.47 | 75 | 8.627 | mg/Kg | | 0.2 | 0.267 | 0.99 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Copper, Extractable, SEM | 2.66 | 75 | 3.547 | mg/Kg | E | 0.2 | 0.267 | 0.992 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Clay | | 75 | | % | <MDL | 0.1 | 0.133 | 0.1 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Chrysene | 6.1 | 75 | 8.133 | ug/Kg | <RDL | 4 | 5.333 | 8 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Chromium, Total, ICP | 18.1 | 75 | 24.133 | mg/Kg | | 0.25 | 0.333 | 1.24 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Chromium, Extractable, SEM | 2.98 | 75 | 3.973 | mg/Kg | E | 0.25 | 0.333 | 1.24 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Di-N-Octyl Phthalate | | 75 | | ug/Kg | <MDL | 8 | 10.667 | 16 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | 2,4-D | | 75 | | ug/Kg | <MDL | 0.54 | 0.720 | 6.6 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | 1,3-Dichlorobenzene | | 75 | | ug/Kg | <MDL,G | 0.26 | 0.347 | 0.53 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | 2-Methylphenol | | 75 | | ug/Kg | <MDL | 19 | 25.333 | 38 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | 2-Methylnaphthalene | | 75 | | ug/Kg | <MDL | 14 | 18.667 | 28 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | 2-Chlorophenol | | 75 | | ug/Kg | <MDL,G | 8 | 10.667 | 16 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | 2-Chloronaphthalene | | 75 | | ug/Kg | <MDL | 16 | 21.333 | 32 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | 2,6-Dinitrotoluene | | 75 | | ug/Kg | <MDL | 10 | 13.333 | 20 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | 2,4-Dinitrotoluene | | 75 | | ug/Kg | <MDL | 3 | 4.000 | 6 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | 2,4-Dimethylphenol | | 75 | | ug/Kg | <MDL | 7 | 9.333 | 14 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | 4,4'-DDD | | 75 | | ug/Kg | <MDL | 1 | 1.333 | 2 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | 2,4-DB | | 75 | | ug/Kg | <MDL | 0.93 | 1.240 | 6.6 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | 4,4'-DDE | | 75 | | ug/Kg | <MDL | 1 | 1.333 | 2 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | 2,4,6-Trichlorophenol | | 75 | | ug/Kg | <MDL | 13 | 17.333 | 26 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | 2,4,5-Trichlorophenol | | 75 | | ug/Kg | <MDL | 12 | 16.000 | 24 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | 2,4,5-TP (Silvex) | | 75 | | ug/Kg | <MDL | 2.1 | 2.800 | 6.6 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | 2,4,5-T | | 75 | | ug/Kg | <MDL | 1.4 | 1.867 | 6.6 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | 1,4-Dichlorobenzene | | 75 | | ug/Kg | <MDL,G | 0.13 | 0.173 | 0.264 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Diethyl Phthalate | | 75 | | ug/Kg | <MDL | 6 | 8.000 | 12 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | 1,2-Diphenylhydrazine | | 75 | | ug/Kg | <MDL | 10 | 13.333 | 20 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Parathion-Ethyl | | 75 | | ug/Kg | <MDL | 53 | 70.667 | 100 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | 2,4-Dichlorophenol | | 75 | | ug/Kg | <MDL | 16 | 21.333 | 32 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Alpha-BHC | | 75 | | ug/Kg | <MDL | 0.5 | 0.667 | 1 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Aroclor 1254 | | 75 | | ug/Kg | <MDL | 1.3 | 1.733 | 2.5 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Aroclor 1248 | | 75 | | ug/Kg | <MDL | 1.3 | 1.733 | 2.5 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Aroclor 1242 | | 75 | | ug/Kg | <MDL | 1.3 | 1.733 | 2.5 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Aroclor 1232 | | 75 | | ug/Kg | <MDL | 2.5 | 3.333 | 5 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Aroclor 1221 | | 75 | | ug/Kg | <MDL | 2.5 | 3.333 | 5 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Aroclor 1016 | | 75 | | ug/Kg | <MDL | 1.3 | 1.733 | 2.5 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Antimony, Total, ICP | | 75 | | mg/Kg | <MDL,G | 1.5 | 2.000 | 7.43 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Anthracene | | 75 | | ug/Kg | <MDL,G,E | 4 | 5.333 | 8 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | 2-Nitrophenol | | 75 | | ug/Kg | <MDL | 15 | 20.000 | 30 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Ammonia Nitrogen | 2.47 | 75 | 3.293 | mg/Kg | | 0.1 | 0.133 | 0.2 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Aroclor 1260 | | 75 | | ug/Kg | <MDL | 1.3 | 1.733 | 2.5 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Aldrin | | 75 | | ug/Kg | <MDL | 1 | 1.333 | 2 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Acid Volatile Sulfides | 1.4 | 75 | 1.867 | mg/Kg | E | 1 | 1.333 | 1 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Acenaphthylene | | 75 | | ug/Kg | <MDL | 15 | 20.000 | 30 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Acenaphthene | | 75 | | ug/Kg | <MDL | 7 | 9.333 | 14 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | 4-Methylphenol | | 75 | | ug/Kg | <MDL | 16 | 21.333 | 32 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | 4-Chlorophenyl Phenyl Ether | | 75 | | ug/Kg | <MDL | 13 | 17.333 | 26 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | 4-Bromophenyl Phenyl Ether | | 75 | | ug/Kg | <MDL | 9 | 12.000 | 18 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | 4,4'-DDT | | 75 | | ug/Kg | <MDL | 1 | 1.333 | 2 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Aniline | | 75 | | ug/Kg | <MDL,X | 19 | 25.333 | 38 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Sediment Sampling Depth | | 75 | | cm | | | | |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Total Phosphorus | 349 | 75 | 465.333 | mg/Kg | | 6.3 | 8.400 | 12.5 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Total Organic Carbon | 2130 | 75 | 2840.000 | mg/Kg | | 350 | 466.667 | 700 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Thallium, Total, ICP | | 75 | | mg/Kg | <MDL | 9.9 | 13.200 | 49.5 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Tetra-n-Butyltin (as tetrabutyltin) | | 75 | | ug/Kg | <MDL | 0.4 | 0.533 | 0.801 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Silver, Total, ICP | | 75 | | mg/Kg | <MDL | 0.2 | 0.267 | 0.99 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Silt | 4.7 | 75 | 6.267 | % | | 0.1 | 0.133 | 0.1 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Selenium, Total, ICP | | 75 | | mg/Kg | <MDL | 2.5 | 3.333 | 12.4 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Nickel, Total, ICP | 21.8 | 75 | 29.067 | mg/Kg | | 0.99 | 1.320 | 4.95 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Sediment Sampling Range | | 75 | | none | | | | |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Toxaphene | | 75 | | ug/Kg | <MDL | 10 | 13.333 | 20 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Sand | 92.9 | 75 | 123.867 | % | | 0.1 | 0.133 | 0.1 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Sampling Method | | 75 | | none | | | | |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Sample Function | | 75 | | none | | | | |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Sample Description | | 75 | | none | | | | |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Sample Depth | 1.5 | 75 | 2.000 | m | | | | |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Pyrene | 13.4 | 75 | 17.867 | ug/Kg | L | 4 | 5.333 | 8 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Phorate | | 75 | | ug/Kg | <MDL | 33 | 44.000 | 66.7 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Phenol | | 75 | | ug/Kg | <MDL | 9 | 12.000 | 18 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Sediment Type | | 75 | | none | | | | |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | p+2.00 | 57.1 | 75 | 76.133 | % | | 0.1 | 0.133 | 0.1 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | p-2.00(less than) | 1.1 | 75 | 1.467 | % | | 0.1 | 0.133 | 0.1 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | p-2.00 | | 75 | | % | <MDL | 0.1 | 0.133 | 0.1 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | p-1.00 | 1.3 | 75 | 1.733 | % | | 0.1 | 0.133 | 0.1 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | p+9.00 | | 75 | | % | <MDL | 0.1 | 0.133 | 0.1 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | p+8.00 | | 75 | | % | <MDL | 0.1 | 0.133 | 0.1 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | p+7.00 | | 75 | | % | <MDL | 0.1 | 0.133 | 0.1 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | p+6.00 | | 75 | | % | <MDL | 0.1 | 0.133 | 0.1 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | p+5.00 | 4.7 | 75 | 6.267 | % | | 0.1 | 0.133 | 0.1 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Total Solids | 75 | 75 | 100.000 | % | | 0.005 | 0.007 | 0.01 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | p+3.00 | 11.1 | 75 | 14.800 | % | | 0.1 | 0.133 | 0.1 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Total Sulfide | | 75 | | mg/Kg | <MDL | 2 | 2.667 | 2 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | p+10.0(more than) | | 75 | | % | <MDL | 0.1 | 0.133 | 0.1 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | p+10.0 | | 75 | | % | <MDL | 0.1 | 0.133 | 0.1 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | p+1.00 | 20.9 | 75 | 27.867 | % | | 0.1 | 0.133 | 0.1 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | p+0.00 | 2.5 | 75 | 3.333 | % | | 0.1 | 0.133 | 0.1 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Zinc, Total, ICP | 32.7 | 75 | 43.600 | mg/Kg | | 0.25 | 0.333 | 1.24 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Zinc, Extractable, SEM | 35.8 | 75 | 47.733 | mg/Kg | B,E | 7.5 | 10.000 | 1.24 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Tri-n-Butyltin (as tributyltin ion) | | 75 | | ug/Kg | <MDL,E | 0.21 | 0.280 | 0.415 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Parathion-Methyl | | 75 | | ug/Kg | <MDL | 53 | 70.667 | 100 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | p+4.00 | 1.3 | 75 | 1.733 | % | | 0.1 | 0.133 | 0.1 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Fluoranthene | | 75 | | ug/Kg | <MDL,L | 8 | 10.667 | 16 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Phenanthrene | | 75 | | ug/Kg | <MDL | 4 | 5.333 | 8 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Hexachloroethane | | 75 | | ug/Kg | <MDL,G | 15 | 20.000 | 30 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Hexachlorobutadiene | | 75 | | ug/Kg | <MDL,G | 0.75 | 1.000 | 1.5 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Hexachlorobenzene | | 75 | | ug/Kg | <MDL | 0.66 | 0.880 | 1.33 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Heptachlor Epoxide | | 75 | | ug/Kg | <MDL | 0.5 | 0.667 | 1 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Heptachlor | | 75 | | ug/Kg | <MDL | 0.5 | 0.667 | 1 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Gravel | 2.4 | 75 | 3.200 | % | | 0.1 | 0.133 | 0.1 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Gasoline Range (C7 Thru C12) | | 75 | | mg/Kg | <MDL | 20 | 26.667 | 20 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Isophorone | | 75 | | ug/Kg | <MDL | 19 | 25.333 | 38 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Fluorene | | 75 | | ug/Kg | <MDL | 13 | 17.333 | 26 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Lead, Extractable, SEM | 1.9 | 75 | 2.533 | mg/Kg | <RDL | 1.5 | 2.000 | 7.44 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Extractable Phosphorus | 6.02 | 75 | 8.027 | mg/Kg | | 0.2 | 0.267 | 0.5 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Endrin Aldehyde | | 75 | | ug/Kg | <MDL,G | 2 | 2.667 | 4 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Endrin | | 75 | | ug/Kg | <MDL | 1 | 1.333 | 2 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Endosulfan Sulfate | | 75 | | ug/Kg | <MDL | 1 | 1.333 | 2 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Endosulfan II | | 75 | | ug/Kg | <MDL | 1 | 1.333 | 2 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Endosulfan I | | 75 | | ug/Kg | <MDL | 1 | 1.333 | 2 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Disulfoton | | 75 | | ug/Kg | <MDL | 20 | 26.667 | 33.3 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Dinoseb | | 75 | | ug/Kg | <MDL | 0.54 | 0.720 | 6.6 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Gamma-BHC (Lindane) | | 75 | | ug/Kg | <MDL | 0.5 | 0.667 | 1 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Methoxychlor | | 75 | | ug/Kg | <MDL | 5 | 6.667 | 10 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Dimethyl Phthalate | | 75 | | ug/Kg | <MDL | 11 | 14.667 | 22 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Benzo(a)anthracene | 5.07 | 75 | 6.760 | ug/Kg | | 2 | 2.667 | 4 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Nitrobenzene | | 75 | | ug/Kg | <MDL,G | 16 | 21.333 | 32 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | 1,2-Dichlorobenzene | | 75 | | ug/Kg | <MDL,G | 0.26 | 0.347 | 0.53 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Nickel, Extractable, SEM | 5.43 | 75 | 7.240 | mg/Kg | E | 0.99 | 1.320 | 4.96 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Naphthalene | | 75 | | ug/Kg | <MDL,G | 14 | 18.667 | 28 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | N-Nitrosodiphenylamine | | 75 | | ug/Kg | <MDL | 20 | 26.667 | 40 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | N-Nitrosodimethylamine | | 75 | | ug/Kg | <MDL,X | 20 | 26.667 | 40 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Indeno(1,2,3-Cd)Pyrene | | 75 | | ug/Kg | <MDL,G | 9 | 12.000 | 18 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Mono-n-Butyltin (as monobutyltin io | 2 | 75 | 2.667 | ug/Kg | <RDL | 1.7 | 2.267 | 3.37 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Pentachlorophenol | | 75 | | ug/Kg | <MDL | 5 | 6.667 | 10 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Mercury, Total, CVAA | | 75 | | mg/Kg | <MDL | 0.019 | 0.025 | 0.194 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Mercury, Extractable, SEM | | 75 | | mg/Kg | <MDL | 0.011 | 0.015 | 0.0328 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Manganese, Total, ICP | 359 | 75 | 478.667 | mg/Kg | | 0.099 | 0.132 | 0.495 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Malathion | | 75 | | ug/Kg | <MDL | 53 | 70.667 | 100 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | MCPP | | 75 | | ug/Kg | <MDL | 1.8 | 2.400 | 6.6 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | MCPA | | 75 | | ug/Kg | <MDL | 0.99 | 1.320 | 6.6 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Lube Oil Range ( >C24) | | 75 | | mg/Kg | <MDL | 100 | 133.333 | 100 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Lead, Total, ICP | 2.9 | 75 | 3.867 | mg/Kg | <RDL | 1.5 | 2.000 | 7.43 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | N-Nitrosodi-N-Propylamine | | 75 | | ug/Kg | <MDL | 9 | 12.000 | 18 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | 1,2,4-Trichlorobenzene | | 75 | | ug/Kg | <MDL,G | 0.26 | 0.347 | 0.53 |
| SAMM_WOODIN_MOUTH | 10/17/2001 | L22024-4 | Benzo(b)fluoranthene | 4.9 | 75 | 6.533 | ug/Kg | <RDL | 3 | 4.000 | 6 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Mercury, Total, CVAA | 0.029 | 30.2 | 0.096 | mg/Kg | <RDL | 0.02 | 0.066 | 0.202 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Lead, Extractable, SEM | 3.6 | 30.2 | 11.921 | mg/Kg | <RDL | 0.75 | 2.483 | 3.74 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Lead, Total, ICP | 4.3 | 30.2 | 14.238 | mg/Kg | <RDL | 1.5 | 4.967 | 7.34 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Lube Oil Range ( >C24) | | 30.2 | | mg/Kg | P | 100 | 331.126 | 100 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Lube Oil Range (>C24) | 114 | 30.2 | 377.483 | mg/Kg | | 25 | 82.781 | 25 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | MCPA | | 30.2 | | ug/Kg | <MDL | 2.9 | 9.603 | 6.58 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | MCPP | | 30.2 | | ug/Kg | <MDL | 1.3 | 4.305 | 6.58 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Malathion | | 30.2 | | ug/Kg | <MDL | 85 | 281.457 | 160 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Parathion-Methyl | | 30.2 | | ug/Kg | <MDL | 85 | 281.457 | 160 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Mercury, Extractable, SEM | | 30.2 | | mg/Kg | <MDL | 0.005 | 0.017 | 0.015 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Hexachloroethane | | 30.2 | | ug/Kg | <MDL,G | 15 | 49.669 | 30 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Methoxychlor | | 30.2 | | ug/Kg | <MDL | 5 | 16.556 | 10 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | N-Nitrosodi-N-Propylamine | | 30.2 | | ug/Kg | <MDL | 9 | 29.801 | 18 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | N-Nitrosodimethylamine | | 30.2 | | ug/Kg | <MDL,G | 20 | 66.225 | 40 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | N-Nitrosodiphenylamine | | 30.2 | | ug/Kg | <MDL | 20 | 66.225 | 40 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Naphthalene | | 30.2 | | ug/Kg | <MDL,G | 14 | 46.358 | 28 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Nickel, Extractable, SEM | 2.3 | 30.2 | 7.616 | mg/Kg | <RDL | 0.5 | 1.656 | 2.49 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Nickel, Total, ICP | 10.5 | 30.2 | 34.768 | mg/Kg | | 0.98 | 3.245 | 4.89 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Dimethyl Phthalate | | 30.2 | | ug/Kg | <MDL | 13 | 43.046 | 26.7 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Manganese, Total, ICP | 82 | 30.2 | 271.523 | mg/Kg | L | 0.098 | 0.325 | 0.489 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Gamma-BHC (Lindane) | | 30.2 | | ug/Kg | <MDL | 0.5 | 1.656 | 1 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Dinoseb | | 30.2 | | ug/Kg | <MDL | 2.1 | 6.954 | 9.87 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Disulfoton | | 30.2 | | ug/Kg | <MDL | 32 | 105.960 | 53.3 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Endosulfan I | | 30.2 | | ug/Kg | <MDL | 1 | 3.311 | 2 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Endosulfan II | | 30.2 | | ug/Kg | <MDL | 1 | 3.311 | 2 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Endosulfan Sulfate | | 30.2 | | ug/Kg | <MDL | 1 | 3.311 | 2 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Endrin | | 30.2 | | ug/Kg | <MDL | 1 | 3.311 | 2 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Endrin Aldehyde | | 30.2 | | ug/Kg | <MDL | 2 | 6.623 | 4 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Extractable Phosphorus | 15.5 | 30.2 | 51.325 | mg/Kg | | 0.2 | 0.662 | 0.5 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Isophorone | | 30.2 | | ug/Kg | <MDL,G | 19 | 62.914 | 38 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Fluorene | | 30.2 | | ug/Kg | <MDL | 13 | 43.046 | 26 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Indeno(1,2,3-Cd)Pyrene | 35.3 | 30.2 | 116.887 | ug/Kg | | 9 | 29.801 | 18 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Gamma-Chlordane | | 30.2 | | ug/Kg | <MDL | 0.5 | 1.656 | 1 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Gasoline Range (C7 Thru C12) | | 30.2 | | mg/Kg | <MDL | 20 | 66.225 | 20 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Gravel | 0.9 | 30.2 | 2.980 | % | | 0.1 | 0.331 | 0.1 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Heptachlor | | 30.2 | | ug/Kg | <MDL | 0.5 | 1.656 | 1 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Heptachlor Epoxide | | 30.2 | | ug/Kg | <MDL | 0.5 | 1.656 | 1 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Hexachlorobenzene | | 30.2 | | ug/Kg | <MDL | 0.66 | 2.185 | 1.33 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Hexachlorobutadiene | | 30.2 | | ug/Kg | <MDL,G | 0.75 | 2.483 | 1.5 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Phenanthrene | 22.3 | 30.2 | 73.841 | ug/Kg | | 4 | 13.245 | 8 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Fluoranthene | 71.7 | 30.2 | 237.417 | ug/Kg | | 8 | 26.490 | 16 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | p+6.00 | 6.3 | 30.2 | 20.861 | % | | 0.1 | 0.331 | 0.1 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Zinc, Total, ICP | 27.3 | 30.2 | 90.397 | mg/Kg | | 0.24 | 0.795 | 1.22 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | p+0.00 | 0.6 | 30.2 | 1.987 | % | | 0.1 | 0.331 | 0.1 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | p+1.00 | 1.2 | 30.2 | 3.974 | % | | 0.1 | 0.331 | 0.1 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | p+10.0 | 0.7 | 30.2 | 2.318 | % | | 0.1 | 0.331 | 0.1 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | p+10.0(more than) | 4.1 | 30.2 | 13.576 | % | | 0.1 | 0.331 | 0.1 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | p+2.00 | 15.1 | 30.2 | 50.000 | % | | 0.1 | 0.331 | 0.1 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | p+3.00 | 35.5 | 30.2 | 117.550 | % | | 0.1 | 0.331 | 0.1 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Nitrobenzene | | 30.2 | | ug/Kg | <MDL | 16 | 52.980 | 32 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | p+5.00 | 10.6 | 30.2 | 35.099 | % | | 0.1 | 0.331 | 0.1 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Total Sulfide | 170 | 30.2 | 562.914 | mg/Kg | | 1 | 3.311 | 1 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | p+7.00 | 3.5 | 30.2 | 11.589 | % | | 0.1 | 0.331 | 0.1 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | p+8.00 | 5.5 | 30.2 | 18.212 | % | | 0.1 | 0.331 | 0.1 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | p+9.00 | 2.1 | 30.2 | 6.954 | % | | 0.1 | 0.331 | 0.1 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | p-1.00 | 0.3 | 30.2 | 0.993 | % | | 0.1 | 0.331 | 0.1 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | p-2.00 | 0.3 | 30.2 | 0.993 | % | | 0.1 | 0.331 | 0.1 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | p-2.00(less than) | 0.3 | 30.2 | 0.993 | % | | 0.1 | 0.331 | 0.1 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | p+4.00 | 13.9 | 30.2 | 46.026 | % | | 0.1 | 0.331 | 0.1 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Sediment Type | | 30.2 | | none | | | | |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Phenol | | 30.2 | | ug/Kg | <MDL | 9 | 29.801 | 18 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Phorate | | 30.2 | | ug/Kg | <MDL | 53 | 175.497 | 107 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Pyrene | 68.5 | 30.2 | 226.821 | ug/Kg | | 4 | 13.245 | 8 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Pyridine | | 30.2 | | ug/Kg | <MDL,X | 130 | 430.464 | 267 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Sample Description | | 30.2 | | none | | | | |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Sample Function | | 30.2 | | none | | | | |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Sampling Method | | 30.2 | | none | | | | |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Sand | 66.3 | 30.2 | 219.536 | % | | 0.1 | 0.331 | 0.1 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Zinc, Extractable, SEM | 17.8 | 30.2 | 58.940 | mg/Kg | B | 3.5 | 11.589 | 0.623 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Sediment Sampling Range | | 30.2 | | cm | | | | |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Toxaphene | | 30.2 | | ug/Kg | <MDL | 10 | 33.113 | 20 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Selenium, Total, ICP | | 30.2 | | mg/Kg | <MDL | 2.4 | 7.947 | 12.2 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Silt | 25.9 | 30.2 | 85.762 | % | | 0.1 | 0.331 | 0.1 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Silver, Total, ICP | 0.42 | 30.2 | 1.391 | mg/Kg | <RDL | 0.2 | 0.662 | 0.978 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Thallium, Total, ICP | | 30.2 | | mg/Kg | <MDL | 9.8 | 32.450 | 48.9 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Total Organic Carbon | 11700 | 30.2 | 38741.722 | mg/Kg | | 700 | 2317.881 | 1400 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Total Phosphorus | 220 | 30.2 | 728.477 | mg/Kg | B | 64 | 211.921 | 12.5 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Total Solids | 30.2 | 30.2 | 100.000 | % | | 0.005 | 0.017 | 0.01 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Parathion-Ethyl | | 30.2 | | ug/Kg | <MDL | 85 | 281.457 | 160 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Sediment Sampling Depth | 5 | 30.2 | 16.556 | cm | | | | |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Alpha-BHC | | 30.2 | | ug/Kg | <MDL | 0.5 | 1.656 | 1 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Aroclor 1242 | | 30.2 | | ug/Kg | <MDL | 1.3 | 4.305 | 2.5 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | 4,4'-DDE | | 30.2 | | ug/Kg | <MDL | 1 | 3.311 | 2 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | 4,4'-DDT | | 30.2 | | ug/Kg | <MDL,L | 1 | 3.311 | 2 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | 4-Bromophenyl Phenyl Ether | | 30.2 | | ug/Kg | <MDL | 9 | 29.801 | 18 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | 4-Chlorophenyl Phenyl Ether | | 30.2 | | ug/Kg | <MDL | 13 | 43.046 | 26 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | 4-Methylphenol | | 30.2 | | ug/Kg | <MDL | 16 | 52.980 | 32 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Acenaphthene | | 30.2 | | ug/Kg | <MDL | 7 | 23.179 | 14 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Acenaphthylene | | 30.2 | | ug/Kg | <MDL | 15 | 49.669 | 30 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | 2-Nitrophenol | | 30.2 | | ug/Kg | <MDL | 15 | 49.669 | 30 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Aldrin | | 30.2 | | ug/Kg | <MDL | 1 | 3.311 | 2 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | 2-Methylphenol | | 30.2 | | ug/Kg | <MDL | 19 | 62.914 | 38 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Alpha-Chlordane | | 30.2 | | ug/Kg | <MDL,L | 0.5 | 1.656 | 1 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Ammonia Nitrogen | 24.1 | 30.2 | 79.801 | mg/Kg | | 1 | 3.311 | 2 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Aniline | | 30.2 | | ug/Kg | <MDL,X | 19 | 62.914 | 38 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Anthracene | | 30.2 | | ug/Kg | <MDL,G | 4 | 13.245 | 8 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Antimony, Total, ICP | | 30.2 | | mg/Kg | <MDL,G | 1.5 | 4.967 | 7.34 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Aroclor 1016 | | 30.2 | | ug/Kg | <MDL | 1.3 | 4.305 | 2.5 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Aroclor 1221 | | 30.2 | | ug/Kg | <MDL | 2.5 | 8.278 | 5 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Aroclor 1232 | | 30.2 | | ug/Kg | <MDL | 2.5 | 8.278 | 5 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Acid Volatile Sulfides | 13 | 30.2 | 43.046 | mg/Kg | | 1 | 3.311 | 1 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | 2,4-D | | 30.2 | | ug/Kg | <MDL | 2.6 | 8.609 | 6.58 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Pentachlorophenol | | 30.2 | | ug/Kg | <MDL,G | 13 | 43.046 | 26.7 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | 1,2,4-Trichlorobenzene | | 30.2 | | ug/Kg | <MDL,G | 0.26 | 0.861 | 0.53 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Diethyl Phthalate | | 30.2 | | ug/Kg | <MDL | 13 | 43.046 | 26.7 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | 1,2-Diphenylhydrazine | | 30.2 | | ug/Kg | <MDL | 10 | 33.113 | 20 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | 1,3-Dichlorobenzene | | 30.2 | | ug/Kg | <MDL,G | 1.3 | 4.305 | 2.67 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | 1,4-Dichlorobenzene | | 30.2 | | ug/Kg | <MDL,G | 1.3 | 4.305 | 2.67 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | 2,4,5-T | | 30.2 | | ug/Kg | <MDL | 3 | 9.934 | 9.87 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | 2,4,5-TP (Silvex) | | 30.2 | | ug/Kg | <MDL | 2.4 | 7.947 | 9.87 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | 4,4'-DDD | | 30.2 | | ug/Kg | <MDL | 1 | 3.311 | 2 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | 2,4,6-Trichlorophenol | | 30.2 | | ug/Kg | <MDL | 13 | 43.046 | 26 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | 1,2-Dichlorobenzene | | 30.2 | | ug/Kg | <MDL,G | 1.3 | 4.305 | 2.67 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | 2,4-DB | | 30.2 | | ug/Kg | <MDL | 1.8 | 5.960 | 6.58 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | 2,4-Dichlorophenol | | 30.2 | | ug/Kg | <MDL | 16 | 52.980 | 32 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | 2,4-Dimethylphenol | | 30.2 | | ug/Kg | <MDL | 7 | 23.179 | 14 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | 2,4-Dinitrotoluene | | 30.2 | | ug/Kg | <MDL | 27 | 89.404 | 53.3 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | 2,6-Dinitrotoluene | | 30.2 | | ug/Kg | <MDL | 27 | 89.404 | 53.3 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | 2-Chloronaphthalene | | 30.2 | | ug/Kg | <MDL | 16 | 52.980 | 32 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | 2-Chlorophenol | | 30.2 | | ug/Kg | <MDL,G | 8 | 26.490 | 16 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | 2-Methylnaphthalene | | 30.2 | | ug/Kg | <MDL | 14 | 46.358 | 28 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | 2,4,5-Trichlorophenol | | 30.2 | | ug/Kg | <MDL | 12 | 39.735 | 24 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Delta-BHC | | 30.2 | | ug/Kg | <MDL | 0.5 | 1.656 | 1 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Carbazole | | 30.2 | | ug/Kg | <MDL | 7 | 23.179 | 14 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Chlorpyrifos | | 30.2 | | ug/Kg | <MDL | 53 | 175.497 | 107 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Chromium, Extractable, SEM | 1.12 | 30.2 | 3.709 | mg/Kg | E | 0.12 | 0.397 | 0.623 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Chromium, Total, ICP | 10.9 | 30.2 | 36.093 | mg/Kg | | 0.24 | 0.795 | 1.22 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Chrysene | 40.5 | 30.2 | 134.106 | ug/Kg | | 4 | 13.245 | 8 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Clay | 6.9 | 30.2 | 22.848 | % | | 0.1 | 0.331 | 0.1 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Copper, Extractable, SEM | 2.07 | 30.2 | 6.854 | mg/Kg | | 0.1 | 0.331 | 0.499 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Copper, Total, ICP | 6.7 | 30.2 | 22.185 | mg/Kg | | 0.2 | 0.662 | 0.978 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Caffeine | | 30.2 | | ug/Kg | <MDL | 6 | 19.868 | 12 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Dalapon | | 30.2 | | ug/Kg | <MDL | 1.5 | 4.967 | 6.58 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Dichloroprop | | 30.2 | | ug/Kg | <MDL | 2.4 | 7.947 | 6.58 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Di-N-Butyl Phthalate | | 30.2 | | ug/Kg | B | 788 | 2609.272 | 26.7 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Di-N-Octyl Phthalate | | 30.2 | | ug/Kg | <MDL | 13 | 43.046 | 26.7 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Diazinon | | 30.2 | | ug/Kg | <MDL | 32 | 105.960 | 53.3 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Dibenzo(a,h)anthracene | 8.2 | 30.2 | 27.152 | ug/Kg | <RDL,L | 7 | 23.179 | 14 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Dibenzofuran | | 30.2 | | ug/Kg | <MDL | 14 | 46.358 | 28 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Dicamba | | 30.2 | | ug/Kg | <MDL | 1.5 | 4.967 | 6.58 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Dieldrin | | 30.2 | | ug/Kg | <MDL | 1 | 3.311 | 2 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Aroclor 1248 | | 30.2 | | ug/Kg | <MDL | 1.3 | 4.305 | 2.5 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Coprostanol | 322 | 30.2 | 1066.225 | ug/Kg | | 130 | 430.464 | 267 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Benzo(b)fluoranthene | 52.4 | 30.2 | 173.510 | ug/Kg | | 3 | 9.934 | 6 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Diesel Range (>C12 Thru C24) | | 30.2 | | mg/Kg | <MDL | 50 | 165.563 | 50 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Aroclor 1254 | | 30.2 | | ug/Kg | <MDL | 1.3 | 4.305 | 2.5 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Aroclor 1260 | | 30.2 | | ug/Kg | <MDL | 1.3 | 4.305 | 2.5 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Arsenic, Total, ICP | | 30.2 | | mg/Kg | <MDL | 2.4 | 7.947 | 12.2 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Cadmium, Total, ICP | | 30.2 | | mg/Kg | <MDL | 0.15 | 0.497 | 0.734 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Benzo(a)pyrene | 38.6 | 30.2 | 127.815 | ug/Kg | | 3 | 9.934 | 6 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Benzo(g,h,i)perylene | 33.8 | 30.2 | 111.921 | ug/Kg | | 8 | 26.490 | 16 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Benzo(k)fluoranthene | 42.5 | 30.2 | 140.728 | ug/Kg | | 3 | 9.934 | 6 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Benzoic Acid | 35 | 30.2 | 115.894 | ug/Kg | <RDL | 27 | 89.404 | 53.3 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Bis(2-Ethylhexyl)Phthalate | 330 | 30.2 | 1092.715 | ug/Kg | B | 291 | 963.576 | 26.7 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Benzyl Butyl Phthalate | | 30.2 | | ug/Kg | <MDL | 13 | 43.046 | 26.7 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Beryllium, Total, ICP | 0.083 | 30.2 | 0.275 | mg/Kg | <RDL | 0.049 | 0.162 | 0.245 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Beta-BHC | | 30.2 | | ug/Kg | <MDL | 0.5 | 1.656 | 1 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Bis(2-Chloroethoxy)Methane | | 30.2 | | ug/Kg | <MDL | 17 | 56.291 | 34 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Bis(2-Chloroethyl)Ether | | 30.2 | | ug/Kg | <MDL,G | 15 | 49.669 | 30 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Bis(2-Chloroisopropyl)Ether | | 30.2 | | ug/Kg | <MDL | 15 | 49.669 | 30 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Benzyl Alcohol | 6.2 | 30.2 | 20.530 | ug/Kg | <RDL | 6 | 19.868 | 12 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Cadmium, Extractable, SEM | | 30.2 | | mg/Kg | <MDL | 0.075 | 0.248 | 0.374 |
| SAMM_WOODIN_MOUTH | 9/8/2003 | L29367-4 | Benzo(a)anthracene | 26.3 | 30.2 | 87.086 | ug/Kg | | 2 | 6.623 | 4 |
| SMT3.20 | 10/15/2001 | L22024-1 | Bis(2-Chloroethoxy)Methane | | 53.6 | | ug/Kg | <MDL | 17 | 31.716 | 34 |
| SMT3.20 | 10/15/2001 | L22024-1 | Bis(2-Chloroethyl)Ether | | 53.6 | | ug/Kg | <MDL,G | 15 | 27.985 | 30 |
| SMT3.20 | 10/15/2001 | L22024-1 | Bis(2-Chloroisopropyl)Ether | | 53.6 | | ug/Kg | <MDL | 15 | 27.985 | 30 |
| SMT3.20 | 10/15/2001 | L22024-1 | Bis(2-Ethylhexyl)Phthalate | 392 | 53.6 | 731.343 | ug/Kg | B,L | 160 | 298.507 | 14 |
| SMT3.20 | 10/15/2001 | L22024-1 | Cadmium, Extractable, SEM | | 53.6 | | mg/Kg | <MDL,H | 0.15 | 0.280 | 0.745 |
| SMT3.20 | 10/15/2001 | L22024-1 | Cadmium, Total, ICP | 0.16 | 53.6 | 0.299 | mg/Kg | <RDL | 0.15 | 0.280 | 0.745 |
| SMT3.20 | 10/15/2001 | L22024-1 | Carbazole | | 53.6 | | ug/Kg | <MDL | 7 | 13.060 | 14 |
| SMT3.20 | 10/15/2001 | L22024-1 | Benzo(a)anthracene | 35.2 | 53.6 | 65.672 | ug/Kg | | 2 | 3.731 | 4 |
| SMT3.20 | 10/15/2001 | L22024-1 | Caffeine | | 53.6 | | ug/Kg | <MDL | 6 | 11.194 | 12 |
| SMT3.20 | 10/15/2001 | L22024-1 | Beta-BHC | | 53.6 | | ug/Kg | <MDL | 0.5 | 0.933 | 1 |
| SMT3.20 | 10/15/2001 | L22024-1 | Beryllium, Total, ICP | 0.079 | 53.6 | 0.147 | mg/Kg | <RDL | 0.05 | 0.093 | 0.248 |
| SMT3.20 | 10/15/2001 | L22024-1 | Benzyl Butyl Phthalate | 19.7 | 53.6 | 36.754 | ug/Kg | | 6 | 11.194 | 12 |
| SMT3.20 | 10/15/2001 | L22024-1 | Benzyl Alcohol | | 53.6 | | ug/Kg | <MDL,G | 6 | 11.194 | 12 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SMT3.20 | 10/15/2001 | L22024-1 | Benzoic Acid | 147 | 53.6 | 274.254 | ug/Kg | G | 6 | 11.194 | 12 |
| SMT3.20 | 10/15/2001 | L22024-1 | Benzo(k)fluoranthene | 48.9 | 53.6 | 91.231 | ug/Kg | B | 33 | 61.567 | 6 |
| SMT3.20 | 10/15/2001 | L22024-1 | Benzo(g,h,i)perylene | 15 | 53.6 | 27.985 | ug/Kg | <RDL | 8 | 14.925 | 16 |
| SMT3.20 | 10/15/2001 | L22024-1 | Chlordane | | 53.6 | | ug/Kg | <MDL | 0.5 | 0.933 | 1 |
| SMT3.20 | 10/15/2001 | L22024-1 | Benzo(a)pyrene | | 53.6 | | ug/Kg | B | 86.4 | 161.194 | 6 |
| SMT3.20 | 10/15/2001 | L22024-1 | Di-N-Butyl Phthalate | | 53.6 | | ug/Kg | B | 53 | 98.881 | 10 |
| SMT3.20 | 10/15/2001 | L22024-1 | Benzo(b)fluoranthene | 58.4 | 53.6 | 108.955 | ug/Kg | | 3 | 5.597 | 6 |
| SMT3.20 | 10/15/2001 | L22024-1 | Delta-BHC | | 53.6 | | ug/Kg | <MDL | 0.5 | 0.933 | 1 |
| SMT3.20 | 10/15/2001 | L22024-1 | 4,4'-DDD | | 53.6 | | ug/Kg | <MDL | 1 | 1.866 | 2 |
| SMT3.20 | 10/15/2001 | L22024-1 | Dieldrin | | 53.6 | | ug/Kg | <MDL | 1 | 1.866 | 2 |
| SMT3.20 | 10/15/2001 | L22024-1 | Arsenic, Total, ICP | 3.6 | 53.6 | 6.716 | mg/Kg | <RDL | 2.5 | 4.664 | 12.4 |
| SMT3.20 | 10/15/2001 | L22024-1 | Dichloroprop | | 53.6 | | ug/Kg | <MDL | 0.68 | 1.269 | 6.36 |
| SMT3.20 | 10/15/2001 | L22024-1 | Dicamba | | 53.6 | | ug/Kg | <MDL | 1.5 | 2.799 | 6.36 |
| SMT3.20 | 10/15/2001 | L22024-1 | Dibenzofuran | | 53.6 | | ug/Kg | <MDL | 14 | 26.119 | 28 |
| SMT3.20 | 10/15/2001 | L22024-1 | Dibenzo(a,h)anthracene | | 53.6 | | ug/Kg | B,L | 110 | 205.224 | 14 |
| SMT3.20 | 10/15/2001 | L22024-1 | Diazinon | | 53.6 | | ug/Kg | <MDL | 20 | 37.313 | 33.3 |
| SMT3.20 | 10/15/2001 | L22024-1 | Dalapon | | 53.6 | | ug/Kg | <MDL,G | 1.9 | 3.545 | 6.36 |
| SMT3.20 | 10/15/2001 | L22024-1 | Di-N-Octyl Phthalate | | 53.6 | | ug/Kg | <MDL | 8 | 14.925 | 16 |
| SMT3.20 | 10/15/2001 | L22024-1 | Diesel Range (>C12 Thru C24) | | 53.6 | | mg/Kg | <MDL | 50 | 93.284 | 50 |
| SMT3.20 | 10/15/2001 | L22024-1 | Coprostanol | | 53.6 | | ug/Kg | <MDL | 14 | 26.119 | 28 |
| SMT3.20 | 10/15/2001 | L22024-1 | Copper, Total, ICP | 5.79 | 53.6 | 10.802 | mg/Kg | | 0.2 | 0.373 | 0.993 |
| SMT3.20 | 10/15/2001 | L22024-1 | Copper, Extractable, SEM | 1.99 | 53.6 | 3.713 | mg/Kg | E,H | 0.2 | 0.373 | 0.993 |
| SMT3.20 | 10/15/2001 | L22024-1 | Clay | | 53.6 | | % | <MDL | 0.1 | 0.187 | 0.1 |
| SMT3.20 | 10/15/2001 | L22024-1 | Chrysene | 51.2 | 53.6 | 95.522 | ug/Kg | | 4 | 7.463 | 8 |
| SMT3.20 | 10/15/2001 | L22024-1 | Chromium, Total, ICP | 12.3 | 53.6 | 22.948 | mg/Kg | | 0.25 | 0.466 | 1.24 |
| SMT3.20 | 10/15/2001 | L22024-1 | Chromium, Extractable, SEM | 1.73 | 53.6 | 3.228 | mg/Kg | E,H | 0.25 | 0.466 | 1.24 |
| SMT3.20 | 10/15/2001 | L22024-1 | Chlorpyrifos | | 53.6 | | ug/Kg | <MDL | 33 | 61.567 | 66.7 |
| SMT3.20 | 10/15/2001 | L22024-1 | Di-n-Butyltin (as dibutyltin ion) | 0.67 | 53.6 | 1.250 | ug/Kg | <RDL,E | 0.35 | 0.653 | 0.7 |
| SMT3.20 | 10/15/2001 | L22024-1 | 2,4,6-Trichlorophenol | | 53.6 | | ug/Kg | <MDL | 13 | 24.254 | 26 |
| SMT3.20 | 10/15/2001 | L22024-1 | 4,4'-DDT | | 53.6 | | ug/Kg | <MDL | 1 | 1.866 | 2 |
| SMT3.20 | 10/15/2001 | L22024-1 | 2-Methylnaphthalene | | 53.6 | | ug/Kg | <MDL | 14 | 26.119 | 28 |
| SMT3.20 | 10/15/2001 | L22024-1 | 2-Chlorophenol | | 53.6 | | ug/Kg | <MDL,G | 8 | 14.925 | 16 |
| SMT3.20 | 10/15/2001 | L22024-1 | 2-Chloronaphthalene | | 53.6 | | ug/Kg | <MDL | 16 | 29.851 | 32 |
| SMT3.20 | 10/15/2001 | L22024-1 | 2,6-Dinitrotoluene | | 53.6 | | ug/Kg | <MDL | 10 | 18.657 | 20 |
| SMT3.20 | 10/15/2001 | L22024-1 | 2,4-Dinitrotoluene | | 53.6 | | ug/Kg | <MDL | 3 | 5.597 | 6 |
| SMT3.20 | 10/15/2001 | L22024-1 | 2,4-Dimethylphenol | | 53.6 | | ug/Kg | <MDL | 7 | 13.060 | 14 |
| SMT3.20 | 10/15/2001 | L22024-1 | 2,4-Dichlorophenol | | 53.6 | | ug/Kg | <MDL | 16 | 29.851 | 32 |
| SMT3.20 | 10/15/2001 | L22024-1 | 2-Nitrophenol | | 53.6 | | ug/Kg | <MDL | 15 | 27.985 | 30 |
| SMT3.20 | 10/15/2001 | L22024-1 | 2,4-D | | 53.6 | | ug/Kg | <MDL | 0.53 | 0.989 | 6.36 |
| SMT3.20 | 10/15/2001 | L22024-1 | 4,4'-DDE | | 53.6 | | ug/Kg | <MDL | 1 | 1.866 | 2 |
| SMT3.20 | 10/15/2001 | L22024-1 | 2,4,5-Trichlorophenol | | 53.6 | | ug/Kg | <MDL | 12 | 22.388 | 24 |
| SMT3.20 | 10/15/2001 | L22024-1 | 2,4,5-TP (Silvex) | | 53.6 | | ug/Kg | <MDL | 2 | 3.731 | 6.36 |
| SMT3.20 | 10/15/2001 | L22024-1 | 2,4,5-T | | 53.6 | | ug/Kg | <MDL | 1.4 | 2.612 | 6.36 |
| SMT3.20 | 10/15/2001 | L22024-1 | 1,4-Dichlorobenzene | | 53.6 | | ug/Kg | <MDL,G | 0.13 | 0.243 | 0.264 |
| SMT3.20 | 10/15/2001 | L22024-1 | 1,3-Dichlorobenzene | | 53.6 | | ug/Kg | <MDL,G | 0.26 | 0.485 | 0.53 |
| SMT3.20 | 10/15/2001 | L22024-1 | 1,2-Diphenylhydrazine | | 53.6 | | ug/Kg | <MDL | 10 | 18.657 | 20 |
| SMT3.20 | 10/15/2001 | L22024-1 | 1,2,4-Trichlorobenzene | | 53.6 | | ug/Kg | <MDL,G | 0.26 | 0.485 | 0.53 |
| SMT3.20 | 10/15/2001 | L22024-1 | Diethyl Phthalate | | 53.6 | | ug/Kg | <MDL | 6 | 11.194 | 12 |
| SMT3.20 | 10/15/2001 | L22024-1 | 2,4-DB | | 53.6 | | ug/Kg | <MDL | 0.89 | 1.660 | 6.36 |
| SMT3.20 | 10/15/2001 | L22024-1 | Alpha-BHC | | 53.6 | | ug/Kg | <MDL | 0.5 | 0.933 | 1 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SMT3.20 | 10/15/2001 | L22024-1 | Aroclor 1254 | | 53.6 | | ug/Kg | <MDL | 1.3 | 2.425 | 2.5 |
| SMT3.20 | 10/15/2001 | L22024-1 | Aroclor 1248 | | 53.6 | | ug/Kg | <MDL | 1.3 | 2.425 | 2.5 |
| SMT3.20 | 10/15/2001 | L22024-1 | Aroclor 1242 | | 53.6 | | ug/Kg | <MDL | 1.3 | 2.425 | 2.5 |
| SMT3.20 | 10/15/2001 | L22024-1 | Aroclor 1232 | | 53.6 | | ug/Kg | <MDL | 2.5 | 4.664 | 5 |
| SMT3.20 | 10/15/2001 | L22024-1 | Aroclor 1221 | | 53.6 | | ug/Kg | <MDL | 2.5 | 4.664 | 5 |
| SMT3.20 | 10/15/2001 | L22024-1 | Aroclor 1016 | | 53.6 | | ug/Kg | <MDL | 1.3 | 2.425 | 2.5 |
| SMT3.20 | 10/15/2001 | L22024-1 | Antimony, Total, ICP | | 53.6 | | mg/Kg | <MDL,G | 1.5 | 2.799 | 7.45 |
| SMT3.20 | 10/15/2001 | L22024-1 | Anthracene | 12.1 | 53.6 | 22.575 | ug/Kg | G,E | 4 | 7.463 | 8 |
| SMT3.20 | 10/15/2001 | L22024-1 | 2-Methylphenol | | 53.6 | | ug/Kg | <MDL | 19 | 35.448 | 38 |
| SMT3.20 | 10/15/2001 | L22024-1 | Ammonia Nitrogen | 12.1 | 53.6 | 22.575 | mg/Kg | | 0.2 | 0.373 | 0.4 |
| SMT3.20 | 10/15/2001 | L22024-1 | Aroclor 1260 | | 53.6 | | ug/Kg | <MDL | 1.3 | 2.425 | 2.5 |
| SMT3.20 | 10/15/2001 | L22024-1 | Aldrin | | 53.6 | | ug/Kg | <MDL | 1 | 1.866 | 2 |
| SMT3.20 | 10/15/2001 | L22024-1 | Acid Volatile Sulfides | 7.8 | 53.6 | 14.552 | mg/Kg | H,TA,E | 1 | 1.866 | 1 |
| SMT3.20 | 10/15/2001 | L22024-1 | Acenaphthylene | | 53.6 | | ug/Kg | <MDL | 15 | 27.985 | 30 |
| SMT3.20 | 10/15/2001 | L22024-1 | Acenaphthene | | 53.6 | | ug/Kg | <MDL | 7 | 13.060 | 14 |
| SMT3.20 | 10/15/2001 | L22024-1 | 4-Methylphenol | | 53.6 | | ug/Kg | <MDL | 16 | 29.851 | 32 |
| SMT3.20 | 10/15/2001 | L22024-1 | 4-Chlorophenyl Phenyl Ether | | 53.6 | | ug/Kg | <MDL | 13 | 24.254 | 26 |
| SMT3.20 | 10/15/2001 | L22024-1 | 4-Bromophenyl Phenyl Ether | | 53.6 | | ug/Kg | <MDL | 9 | 16.791 | 18 |
| SMT3.20 | 10/15/2001 | L22024-1 | 1,2-Dichlorobenzene | | 53.6 | | ug/Kg | <MDL,G | 0.26 | 0.485 | 0.53 |
| SMT3.20 | 10/15/2001 | L22024-1 | Aniline | | 53.6 | | ug/Kg | <MDL,X | 19 | 35.448 | 38 |
| SMT3.20 | 10/15/2001 | L22024-1 | Sand | 86.8 | 53.6 | 161.940 | % | | 0.1 | 0.187 | 0.1 |
| SMT3.20 | 10/15/2001 | L22024-1 | Total Organic Carbon | 8470 | 53.6 | 15802.239 | mg/Kg | | 500 | 932.836 | 1000 |
| SMT3.20 | 10/15/2001 | L22024-1 | Thallium, Total, ICP | | 53.6 | | mg/Kg | <MDL | 9.9 | 18.470 | 49.7 |
| SMT3.20 | 10/15/2001 | L22024-1 | Tetra-n-Butyltin (as tetrabutyltin) | | 53.6 | | ug/Kg | <MDL | 0.4 | 0.746 | 0.801 |
| SMT3.20 | 10/15/2001 | L22024-1 | Silver, Total, ICP | | 53.6 | | mg/Kg | <MDL | 0.2 | 0.373 | 0.993 |
| SMT3.20 | 10/15/2001 | L22024-1 | Silt | 11.9 | 53.6 | 22.201 | % | | 0.1 | 0.187 | 0.1 |
| SMT3.20 | 10/15/2001 | L22024-1 | Selenium, Total, ICP | | 53.6 | | mg/Kg | <MDL | 2.5 | 4.664 | 12.4 |
| SMT3.20 | 10/15/2001 | L22024-1 | Sediment Type | | 53.6 | | none | | | | |
| SMT3.20 | 10/15/2001 | L22024-1 | p-2.00 | 0.5 | 53.6 | 0.933 | % | | 0.1 | 0.187 | 0.1 |
| SMT3.20 | 10/15/2001 | L22024-1 | Sediment Sampling Depth | | 53.6 | | cm | | | | |
| SMT3.20 | 10/15/2001 | L22024-1 | Total Sulfide | 50 | 53.6 | 93.284 | mg/Kg | | 10 | 18.657 | 10 |
| SMT3.20 | 10/15/2001 | L22024-1 | Sampling Method | | 53.6 | | none | | | | |
| SMT3.20 | 10/15/2001 | L22024-1 | Sample Function | | 53.6 | | none | | | | |
| SMT3.20 | 10/15/2001 | L22024-1 | Sample Description | | 53.6 | | none | | | | |
| SMT3.20 | 10/15/2001 | L22024-1 | Sample Depth | 3 | 53.6 | 5.597 | m | | | | |
| SMT3.20 | 10/15/2001 | L22024-1 | Pyrene | 78.9 | 53.6 | 147.201 | ug/Kg | L | 4 | 7.463 | 8 |
| SMT3.20 | 10/15/2001 | L22024-1 | Phorate | | 53.6 | | ug/Kg | <MDL | 33 | 61.567 | 66.7 |
| SMT3.20 | 10/15/2001 | L22024-1 | Phenol | 19.3 | 53.6 | 36.007 | ug/Kg | | 9 | 16.791 | 18 |
| SMT3.20 | 10/15/2001 | L22024-1 | Phenanthrene | 34.8 | 53.6 | 64.925 | ug/Kg | | 4 | 7.463 | 8 |
| SMT3.20 | 10/15/2001 | L22024-1 | Sediment Sampling Range | | 53.6 | | none | | | | |
| SMT3.20 | 10/15/2001 | L22024-1 | p+10.0(more than) | | 53.6 | | % | <MDL | 0.1 | 0.187 | 0.1 |
| SMT3.20 | 10/15/2001 | L22024-1 | p-2.00(less than) | 0.2 | 53.6 | 0.373 | % | | 0.1 | 0.187 | 0.1 |
| SMT3.20 | 10/15/2001 | L22024-1 | p-1.00 | 0.5 | 53.6 | 0.933 | % | | 0.1 | 0.187 | 0.1 |
| SMT3.20 | 10/15/2001 | L22024-1 | p+9.00 | | 53.6 | | % | <MDL | 0.1 | 0.187 | 0.1 |
| SMT3.20 | 10/15/2001 | L22024-1 | p+8.00 | 0.9 | 53.6 | 1.679 | % | | 0.1 | 0.187 | 0.1 |
| SMT3.20 | 10/15/2001 | L22024-1 | p+7.00 | 5.2 | 53.6 | 9.701 | % | | 0.1 | 0.187 | 0.1 |
| SMT3.20 | 10/15/2001 | L22024-1 | p+6.00 | 4.2 | 53.6 | 7.836 | % | | 0.1 | 0.187 | 0.1 |
| SMT3.20 | 10/15/2001 | L22024-1 | p+5.00 | 1.6 | 53.6 | 2.985 | % | | 0.1 | 0.187 | 0.1 |
| SMT3.20 | 10/15/2001 | L22024-1 | p+4.00 | 10.5 | 53.6 | 19.590 | % | | 0.1 | 0.187 | 0.1 |
| SMT3.20 | 10/15/2001 | L22024-1 | Total Phosphorus | 204 | 53.6 | 380.597 | mg/Kg | | 6.3 | 11.754 | 12.5 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SMT3.20 | 10/15/2001 | L22024-1 | p+2.00 | 57.9 | 53.6 | 108.022 | % | | 0.1 | 0.187 | 0.1 |
| SMT3.20 | 10/15/2001 | L22024-1 | Total Solids | 53.6 | 53.6 | 100.000 | % | | 0.005 | 0.009 | 0.01 |
| SMT3.20 | 10/15/2001 | L22024-1 | p+10.0 | | 53.6 | | % | <MDL | 0.1 | 0.187 | 0.1 |
| SMT3.20 | 10/15/2001 | L22024-1 | p+1.00 | 1.2 | 53.6 | 2.239 | % | | 0.1 | 0.187 | 0.1 |
| SMT3.20 | 10/15/2001 | L22024-1 | p+0.00 | 0.5 | 53.6 | 0.933 | % | | 0.1 | 0.187 | 0.1 |
| SMT3.20 | 10/15/2001 | L22024-1 | Zinc, Total, ICP | 30.7 | 53.6 | 57.276 | mg/Kg | | 0.25 | 0.466 | 1.24 |
| SMT3.20 | 10/15/2001 | L22024-1 | Zinc, Extractable, SEM | 16.8 | 53.6 | 31.343 | mg/Kg | B,H | 15.8 | 29.478 | 1.24 |
| SMT3.20 | 10/15/2001 | L22024-1 | Tri-n-Butyltin (as tributyltin ion) | | 53.6 | | ug/Kg | <MDL,E | 0.21 | 0.392 | 0.415 |
| SMT3.20 | 10/15/2001 | L22024-1 | Toxaphene | | 53.6 | | ug/Kg | <MDL | 10 | 18.657 | 20 |
| SMT3.20 | 10/15/2001 | L22024-1 | Parathion-Ethyl | | 53.6 | | ug/Kg | <MDL | 53 | 98.881 | 100 |
| SMT3.20 | 10/15/2001 | L22024-1 | p+3.00 | 16.7 | 53.6 | 31.157 | % | | 0.1 | 0.187 | 0.1 |
| SMT3.20 | 10/15/2001 | L22024-1 | Fluoranthene | 82 | 53.6 | 152.985 | ug/Kg | L | 8 | 14.925 | 16 |
| SMT3.20 | 10/15/2001 | L22024-1 | Pentachlorophenol | | 53.6 | | ug/Kg | <MDL | 5 | 9.328 | 10 |
| SMT3.20 | 10/15/2001 | L22024-1 | Hexachloroethane | | 53.6 | | ug/Kg | <MDL,G | 15 | 27.985 | 30 |
| SMT3.20 | 10/15/2001 | L22024-1 | Hexachlorobutadiene | | 53.6 | | ug/Kg | <MDL,G | 0.75 | 1.399 | 1.5 |
| SMT3.20 | 10/15/2001 | L22024-1 | Hexachlorobenzene | | 53.6 | | ug/Kg | <MDL | 0.66 | 1.231 | 1.33 |
| SMT3.20 | 10/15/2001 | L22024-1 | Heptachlor Epoxide | | 53.6 | | ug/Kg | <MDL | 0.5 | 0.933 | 1 |
| SMT3.20 | 10/15/2001 | L22024-1 | Heptachlor | | 53.6 | | ug/Kg | <MDL | 0.5 | 0.933 | 1 |
| SMT3.20 | 10/15/2001 | L22024-1 | Gravel | 1.2 | 53.6 | 2.239 | % | | 0.1 | 0.187 | 0.1 |
| SMT3.20 | 10/15/2001 | L22024-1 | Gasoline Range (C7 Thru C12) | | 53.6 | | mg/Kg | <MDL | 20 | 37.313 | 20 |
| SMT3.20 | 10/15/2001 | L22024-1 | Isophorone | | 53.6 | | ug/Kg | <MDL | 19 | 35.448 | 38 |
| SMT3.20 | 10/15/2001 | L22024-1 | Fluorene | | 53.6 | | ug/Kg | <MDL | 13 | 24.254 | 26 |
| SMT3.20 | 10/15/2001 | L22024-1 | Lead, Extractable, SEM | 2.5 | 53.6 | 4.664 | mg/Kg | <RDL,H | 1.5 | 2.799 | 7.45 |
| SMT3.20 | 10/15/2001 | L22024-1 | Extractable Phosphorus | 18.2 | 53.6 | 33.955 | mg/Kg | | 0.2 | 0.373 | 0.5 |
| SMT3.20 | 10/15/2001 | L22024-1 | Endrin Aldehyde | | 53.6 | | ug/Kg | <MDL,G | 2 | 3.731 | 4 |
| SMT3.20 | 10/15/2001 | L22024-1 | Endrin | | 53.6 | | ug/Kg | <MDL | 1 | 1.866 | 2 |
| SMT3.20 | 10/15/2001 | L22024-1 | Endosulfan Sulfate | | 53.6 | | ug/Kg | <MDL | 1 | 1.866 | 2 |
| SMT3.20 | 10/15/2001 | L22024-1 | Endosulfan II | | 53.6 | | ug/Kg | <MDL | 1 | 1.866 | 2 |
| SMT3.20 | 10/15/2001 | L22024-1 | Endosulfan I | | 53.6 | | ug/Kg | <MDL | 1 | 1.866 | 2 |
| SMT3.20 | 10/15/2001 | L22024-1 | Disulfoton | | 53.6 | | ug/Kg | <MDL | 20 | 37.313 | 33.3 |
| SMT3.20 | 10/15/2001 | L22024-1 | Dinoseb | | 53.6 | | ug/Kg | <MDL | 0.53 | 0.989 | 6.36 |
| SMT3.20 | 10/15/2001 | L22024-1 | Gamma-BHC (Lindane) | | 53.6 | | ug/Kg | <MDL | 0.5 | 0.933 | 1 |
| SMT3.20 | 10/15/2001 | L22024-1 | Mercury, Total, CVAA | 0.023 | 53.6 | 0.043 | mg/Kg | <RDL | 0.02 | 0.037 | 0.198 |
| SMT3.20 | 10/15/2001 | L22024-1 | Dimethyl Phthalate | | 53.6 | | ug/Kg | <MDL | 11 | 20.522 | 22 |
| SMT3.20 | 10/15/2001 | L22024-1 | Nitrobenzene | | 53.6 | | ug/Kg | <MDL,G | 16 | 29.851 | 32 |
| SMT3.20 | 10/15/2001 | L22024-1 | Nickel, Total, ICP | 12.3 | 53.6 | 22.948 | mg/Kg | | 0.99 | 1.847 | 4.97 |
| SMT3.20 | 10/15/2001 | L22024-1 | Nickel, Extractable, SEM | 3.2 | 53.6 | 5.970 | mg/Kg | <RDL,E,H | 0.99 | 1.847 | 4.96 |
| SMT3.20 | 10/15/2001 | L22024-1 | Naphthalene | | 53.6 | | ug/Kg | <MDL,G | 14 | 26.119 | 28 |
| SMT3.20 | 10/15/2001 | L22024-1 | N-Nitrosodiphenylamine | | 53.6 | | ug/Kg | <MDL | 20 | 37.313 | 40 |
| SMT3.20 | 10/15/2001 | L22024-1 | N-Nitrosodimethylamine | | 53.6 | | ug/Kg | <MDL,X | 20 | 37.313 | 40 |
| SMT3.20 | 10/15/2001 | L22024-1 | N-Nitrosodi-N-Propylamine | | 53.6 | | ug/Kg | <MDL | 9 | 16.791 | 18 |
| SMT3.20 | 10/15/2001 | L22024-1 | Indeno(1,2,3-Cd)Pyrene | 28.7 | 53.6 | 53.545 | ug/Kg | G | 9 | 16.791 | 18 |
| SMT3.20 | 10/15/2001 | L22024-1 | Methoxychlor | | 53.6 | | ug/Kg | <MDL | 5 | 9.328 | 10 |
| SMT3.20 | 10/15/2001 | L22024-1 | Parathion-Methyl | | 53.6 | | ug/Kg | <MDL | 53 | 98.881 | 100 |
| SMT3.20 | 10/15/2001 | L22024-1 | Mercury, Extractable, SEM | | 53.6 | | mg/Kg | <MDL,H | 0.011 | 0.021 | 0.0328 |
| SMT3.20 | 10/15/2001 | L22024-1 | Manganese, Total, ICP | 194 | 53.6 | 361.940 | mg/Kg | | 0.099 | 0.185 | 0.497 |
| SMT3.20 | 10/15/2001 | L22024-1 | Malathion | | 53.6 | | ug/Kg | <MDL | 53 | 98.881 | 100 |
| SMT3.20 | 10/15/2001 | L22024-1 | MCPP | | 53.6 | | ug/Kg | <MDL | 1.7 | 3.172 | 6.36 |
| SMT3.20 | 10/15/2001 | L22024-1 | MCPA | | 53.6 | | ug/Kg | <MDL | 0.96 | 1.791 | 6.36 |
| SMT3.20 | 10/15/2001 | L22024-1 | Lube Oil Range (>C24) | 90.8 | 53.6 | 169.403 | mg/Kg | | 25 | 46.642 | 25 |

| Locator | Date | Sample | Parameter | Value (wet) | Total Solids | Value (dry) | Unit | Qualifier | Mdl | MDL dry | Rdl |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SMT3.20 | 10/15/2001 | L22024-1 | Lube Oil Range ( >C24) | | 53.6 | | mg/Kg | P | 100 | 186.567 | 100 |
| SMT3.20 | 10/15/2001 | L22024-1 | Lead, Total, ICP | 3.6 | 53.6 | 6.716 | mg/Kg | <RDL | 1.5 | 2.799 | 7.45 |
| SMT3.20 | 10/15/2001 | L22024-1 | Mono-n-Butyltin (as monobutyltin io | 2.2 | 53.6 | 4.104 | ug/Kg | <RDL | 1.7 | 3.172 | 3.37 |

# Appendix D

**Appendix D: Small Streams Toxicity Study Pesticides, Department of Ecology**

Concentrations of pesticides and pesticide transformation products detected in Sammamish River samples, King County, Washington, September 4, 2001

[J, estimated value; *, pesticide transformation product; <,less than; NA, not analyzed; All pesticide concentrations are in micrograms per liter]

| Site name | 2,4-D | 4-Nitro-phenol* | Diaz-inon | Dicamba |
|---|---|---|---|---|
| Sammamish R. at Marymoor Park | J0.094 | J0.035 | J0.003 | <0.18 |
| Sammamish R. at 124th St. | J0.053 | <0.29 | J0.002 | J0.003 |
| Sammamish R. at 124th St. irrigation overflow pipe | J0.084 | <0.28 | J0.002 | J0.025 |
| Sammamish R. irrigation return at 145th St. | <0.17 | J0.054 | <0.005 | <0.17 |
| Sammamish R. at 145th St. | J0.051 | J0.032 | J0.002 | <0.17 |
| Sammamish R. at Bothell bike trail | J0.042 | <0.29 | J0.002 | <0.16 |

| Site name | MCPP | Prometon | Tebuth-iuron | Tri-clopyr |
|---|---|---|---|---|
| Sammamish R. at Marymoor Park | J0.028 | J0.006 | J0.006 | <0.015 |
| Sammamish R. at 124th St. | J0.0063 | J0.006 | <0.016 | J0.0053 |
| Sammamish R. at 124th St. irrigation overflow pipe | J0.0071 | J0.006 | J0.006 | J0.047 |
| Sammamish R. irrigation return at 145th St. | <0.33 | <0.015 | <0.016 | <0.014 |
| Sammamish R. at 145th St. | J0.006 | J0.006 | J0.004 | J0.012 |
| Sammamish R. at Bothell bike trail | J0.0062 | J0.006 | J0.005 | J0.0098 |

# Appendix E

| USGS sample # | Station | Date | Parameter | Value | Qualifier | Units |
|---|---|---|---|---|---|---|
| 1368031 | 124th Street Bridge | 9/4/2001 | 1,3-Dimethyl-2-nitrobenzene | 61 | | % |
| 1368031 | 124th Street Bridge | 9/4/2001 | 2,3,4,5-Tetrachlorophenol | 0.092 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | 2,3,4,6-Tetrachlorophenol | 0.092 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | 2,4,5-T | 0.13 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | 2,4,5-TB | 0.15 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | 2,4,5-TP (Silvex) | 0.13 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | 2,4,5-Trichlorophenol | 0.1 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | 2,4,6-Tribromophenol | 101 | | % |
| 1368031 | 124th Street Bridge | 9/4/2001 | 2,4,6-Trichlorophenol | 0.1 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | 2,4-D | 0.053 | J | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | 2,4-DB | 0.2 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | 2,4'-DDD | 0.012 | UJ | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | 2,4'-DDE | 0.012 | UJ | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | 2,4'-DDT | 0.012 | UJ | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | 2,4-Dichlorophenylacetic acid | 96 | | % |
| 1368031 | 124th Street Bridge | 9/4/2001 | 3,5-Dichlorobenzoic Acid | 0.17 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | 4,4'-DDD | 0.012 | UJ | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | 4,4'-DDE | 0.012 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | 4,4'-DDT | 0.012 | UJ | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | 4,4-Dibromooctafluorobiphenyl (DBOB) | 57 | | % |
| 1368031 | 124th Street Bridge | 9/4/2001 | 4-Nitrophenol | 0.29 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Abate (Temephos) | 0.13 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Acifluorfen (Blazer) | 0.67 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Alachlor | 0.078 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Aldrin | 0.012 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Alpha-BHC | 0.012 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Alpha-Chlordene | 0.012 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Ametryn | 0.022 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Atraton | 0.032 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Atrazine | 0.022 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Azinphos (Guthion) | 0.034 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Azinphos Ethyl | 0.034 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Benefin | 0.032 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Bentazon | 0.25 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Beta-BHC | 0.012 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Bolstar (Sulprofos) | 0.015 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Bromacil | 0.086 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Bromoxynil | 0.17 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Butachlor | 0.13 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Butylate | 0.043 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Captafol | 0.06 | UJ | ug/L |

| USGS sample # | Station | Date | Parameter | Value | Qualifier | Units |
|---|---|---|---|---|---|---|
| 1368031 | 124th Street Bridge | 9/4/2001 | Captan | 0.033 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Carbophenothion | 0.022 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Carboxin | 0.13 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Chlorothalonil (Daconil) | 0.052 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Chlorpropham | 0.086 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Chlorpyriphos | 0.017 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Cis-Chlordane (Alpha-Chlordane) | 0.012 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Cis-Nonachlor | 0.012 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Coumaphos | 0.026 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Cyanazine | 0.032 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Cycloate | 0.043 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Dacthal (DCPA) | 0.13 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | DDMU | 0.012 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Decachlorobiphenyl | 93 | | % |
| 1368031 | 124th Street Bridge | 9/4/2001 | Delta-BHC | 0.012 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Demeton-O | 0.015 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Demeton-S | 0.015 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Di-allate (Avadex) | 0.15 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Diazinon | 0.017 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Dicamba I | 0.003 | J | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Dichlobenil | 0.043 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Dichlorprop | 0.18 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Dichlorvos (DDVP) | 0.017 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Diclofop-Methyl | 0.25 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Dieldrin | 0.012 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Dimethoate | 0.017 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Dinoseb | 0.25 | UJ | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Dioxathion | 0.037 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Diphenamid | 0.065 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Disulfoton (Di-Syston) | 0.013 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Diuron | 0.13 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Endosulfan I | 0.012 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Endosulfan II | 0.012 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Endosulfan Sulfate | 0.012 | UJ | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Endrin | 0.012 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Endrin Aldehyde | 0.012 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Endrin Ketone | 0.012 | UJ | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | EPN | 0.022 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Eptam | 0.043 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Ethalfluralin (Sonalan) | 0.032 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Ethion | 0.015 | U | ug/L |

| USGS sample # | Station | Date | Parameter | Value | Qualifier | Units |
|---|---|---|---|---|---|---|
| 1368031 | 124th Street Bridge | 9/4/2001 | Ethoprop | 0.017 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Fenamiphos | 0.032 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Fenarimol | 0.065 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Fenitrothion | 0.015 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Fensulfothion | 0.022 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Fenthion | 0.015 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Fluridone | 0.13 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Fonofos | 0.013 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Gamma-BHC (Lindane) | 0.012 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Gamma-Chlordene | 0.012 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Heptachlor | 0.012 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Heptachlor Epoxide | 0.012 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Hexazinone | 0.032 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Imidan | 0.024 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Ioxynil | 0.17 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Kelthane | 0.048 | UJ | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Malathion | 0.017 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | MCPA | 0.33 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | MCPP (Mecoprop) | 0.0063 | J | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Merphos (1 & 2) | 0.026 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Metalaxyl | 0.13 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Methoxychlor | 0.012 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Methyl Chlorpyrifos | 0.017 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Methyl Paraoxon | 0.039 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Methyl Parathion | 0.015 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Metolachlor | 0.086 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Metribuzin | 0.022 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Mevinphos | 0.022 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | MGK264 | 0.17 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Mirex | 0.012 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Molinate | 0.043 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Napropamide | 0.065 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Norflurazon | 0.043 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Oxychlordane | 0.012 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Oxyfluorfen | 0.086 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Parathion | 0.017 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Pebulate | 0.043 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Pendimethalin | 0.032 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Pentachlorophenol | 0.084 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Phorate | 0.015 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Phosphamidan | 0.052 | U | ug/L |

| USGS sample # | Station | Date | Parameter | Value | Qualifier | Units |
|---|---|---|---|---|---|---|
| 1368031 | 124th Street Bridge | 9/4/2001 | Picloram | 0.17 | UJ | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Profluralin | 0.052 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Prometon (Pramitol 5p) | 0.022 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Prometryn | 0.022 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Pronamide (Kerb) | 0.086 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Propachlor (Ramrod) | 0.052 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Propazine | 0.022 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Propetamphos | 0.043 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Ronnel | 0.015 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Simazine | 0.022 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Sulfotepp | 0.013 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Tebuthiuron | 0.032 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Terbacil | 0.065 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Terbutryn (Igran) | 0.022 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Tetrachloro-m-xylene | 54 | | % |
| 1368031 | 124th Street Bridge | 9/4/2001 | Tetrachlorvinphos (Gardona) | 0.043 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Trans-Chlordane (Gamma) | 0.012 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Trans-Nonachlor | 0.012 | UJ | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Treflan (Trifluralin) | 0.032 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Triadimefon | 0.056 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Triallate | 0.065 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Tribufos (DEF) | 0.03 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Trichlopyr | 0.0053 | J | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Triphenyl Phosphate | 103 | | % |
| 1368031 | 124th Street Bridge | 9/4/2001 | Vernolate | 0.043 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | 1,3-Dimethyl-2-nitrobenzene | 46 | | % |
| 1368033 | 145th Street Bridge | 9/4/2001 | 2,3,4,5-Tetrachlorophenol | 0.092 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | 2,3,4,6-Tetrachlorophenol | 0.092 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | 2,4,5-T | 0.13 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | 2,4,5-TB | 0.15 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | 2,4,5-TP (Silvex) | 0.13 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | 2,4,5-Trichlorophenol | 0.1 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | 2,4,6-Tribromophenol | 102 | | % |
| 1368033 | 145th Street Bridge | 9/4/2001 | 2,4,6-Trichlorophenol | 0.1 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | 2,4-D | 0.051 | J | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | 2,4-DB | 0.2 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | 2,4'-DDD | 0.012 | UJ | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | 2,4'-DDE | 0.012 | UJ | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | 2,4'-DDT | 0.012 | UJ | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | 2,4-Dichlorophenylacetic acid | 102 | | % |
| 1368033 | 145th Street Bridge | 9/4/2001 | 3,5-Dichlorobenzoic Acid | 0.17 | U | ug/L |

| USGS sample # | Station | Date | Parameter | Value | Qualifier | Units |
|---|---|---|---|---|---|---|
| 1368033 | 145th Street Bridge | 9/4/2001 | 4,4'-DDD | 0.012 | UJ | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | 4,4'-DDE | 0.012 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | 4,4'-DDT | 0.012 | UJ | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | 4,4-Dibromooctafluorobiphenyl (DBOB) | 40 | | % |
| 1368033 | 145th Street Bridge | 9/4/2001 | 4-Nitrophenol | 0.032 | J | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Abate (Temephos) | 0.13 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Acifluorfen (Blazer) | 0.67 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Alachlor | 0.075 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Aldrin | 0.012 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Alpha-BHC | 0.012 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Alpha-Chlordene | 0.012 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Ametryn | 0.021 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Atraton | 0.031 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Atrazine | 0.021 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Azinphos (Guthion) | 0.033 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Azinphos Ethyl | 0.033 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Benefin | 0.031 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Bentazon | 0.25 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Beta-BHC | 0.012 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Bolstar (Sulprofos) | 0.015 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Bromacil | 0.083 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Bromoxynil | 0.17 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Butachlor | 0.13 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Butylate | 0.042 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Captafol | 0.058 | UJ | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Captan | 0.032 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Carbophenothion | 0.021 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Carboxin | 0.13 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Chlorothalonil (Daconil) | 0.05 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Chlorpropham | 0.083 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Chlorpyriphos | 0.017 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Cis-Chlordane (Alpha-Chlordane) | 0.012 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Cis-Nonachlor | 0.012 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Coumaphos | 0.025 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Cyanazine | 0.031 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Cycloate | 0.042 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Dacthal (DCPA) | 0.13 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | DDMU | 0.012 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Decachlorobiphenyl | 91 | | % |
| 1368033 | 145th Street Bridge | 9/4/2001 | Delta-BHC | 0.012 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Demeton-O | 0.015 | U | ug/L |

| USGS sample # | Station | Date | Parameter | Value | Qualifier | Units |
|---|---|---|---|---|---|---|
| 1368033 | 145th Street Bridge | 9/4/2001 | Demeton-S | 0.015 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Di-allate (Avadex) | 0.15 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Diazinon | 0.017 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Dicamba I | 0.17 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Dichlobenil | 0.042 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Dichlorprop | 0.18 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Dichlorvos (DDVP) | 0.017 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Diclofop-Methyl | 0.25 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Dieldrin | 0.012 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Dimethoate | 0.017 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Dinoseb | 0.25 | UJ | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Dioxathion | 0.035 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Diphenamid | 0.063 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Disulfoton (Di-Syston) | 0.013 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Diuron | 0.13 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Endosulfan I | 0.012 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Endosulfan II | 0.012 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Endosulfan Sulfate | 0.012 | UJ | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Endrin | 0.012 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Endrin Aldehyde | 0.012 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Endrin Ketone | 0.012 | UJ | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | EPN | 0.021 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Eptam | 0.042 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Ethalfluralin (Sonalan) | 0.031 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Ethion | 0.015 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Ethoprop | 0.017 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Fenamiphos | 0.031 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Fenarimol | 0.063 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Fenitrothion | 0.015 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Fensulfothion | 0.021 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Fenthion | 0.015 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Fluridone | 0.13 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Fonofos | 0.013 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Gamma-BHC (Lindane) | 0.012 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Gamma-Chlordene | 0.012 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Heptachlor | 0.012 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Heptachlor Epoxide | 0.012 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Hexazinone | 0.031 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Imidan | 0.023 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Ioxynil | 0.17 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Kelthane | 0.047 | UJ | ug/L |

| USGS sample # | Station | Date | Parameter | Value | Qualifier | Units |
|---|---|---|---|---|---|---|
| 1368033 | 145th Street Bridge | 9/4/2001 | Malathion | 0.017 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | MCPA | 0.33 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | MCPP (Mecoprop) | 0.006 | J | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Merphos (1 & 2) | 0.025 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Metalaxyl | 0.13 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Methoxychlor | 0.012 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Methyl Chlorpyrifos | 0.017 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Methyl Paraoxon | 0.038 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Methyl Parathion | 0.015 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Metolachlor | 0.083 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Metribuzin | 0.021 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Mevinphos | 0.021 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | MGK264 | 0.17 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Mirex | 0.012 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Molinate | 0.042 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Napropamide | 0.063 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Norflurazon | 0.042 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Oxychlordane | 0.012 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Oxyfluorfen | 0.083 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Parathion | 0.017 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Pebulate | 0.042 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Pendimethalin | 0.031 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Pentachlorophenol | 0.084 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Phorate | 0.015 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Phosphamidan | 0.05 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Picloram | 0.17 | UJ | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Profluralin | 0.05 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Prometon (Pramitol 5p) | 0.021 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Prometryn | 0.021 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Pronamide (Kerb) | 0.083 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Propachlor (Ramrod) | 0.05 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Propazine | 0.021 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Propetamphos | 0.042 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Ronnel | 0.015 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Simazine | 0.021 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Sulfotepp | 0.013 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Tebuthiuron | 0.031 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Terbacil | 0.063 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Terbutryn (Igran) | 0.021 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Tetrachloro-m-xylene | 56 | | % |
| 1368033 | 145th Street Bridge | 9/4/2001 | Tetrachlorvinphos (Gardona) | 0.042 | U | ug/L |

| USGS sample # | Station | Date | Parameter | Value | Qualifier | Units |
|---|---|---|---|---|---|---|
| 1368033 | 145th Street Bridge | 9/4/2001 | Trans-Chlordane (Gamma) | 0.012 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Trans-Nonachlor | 0.012 | UJ | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Treflan (Trifluralin) | 0.031 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Triadimefon | 0.054 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Triallate | 0.063 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Tribufos (DEF) | 0.029 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Trichlopyr | 0.012 | J | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Triphenyl Phosphate | 68 | | % |
| 1368033 | 145th Street Bridge | 9/4/2001 | Vernolate | 0.042 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | 1,3-Dimethyl-2-nitrobenzene | 59 | | % |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | 2,3,4,5-Tetrachlorophenol | 0.09 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | 2,3,4,6-Tetrachlorophenol | 0.09 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | 2,4,5-T | 0.13 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | 2,4,5-TB | 0.15 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | 2,4,5-TP (Silvex) | 0.13 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | 2,4,5-Trichlorophenol | 0.099 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | 2,4,6-Tribromophenol | 110 | | % |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | 2,4,6-Trichlorophenol | 0.099 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | 2,4-D | 0.042 | J | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | 2,4-DB | 0.2 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | 2,4'-DDD | 0.011 | UJ | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | 2,4'-DDE | 0.011 | UJ | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | 2,4'-DDT | 0.011 | UJ | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | 2,4-Dichlorophenylacetic acid | 114 | | % |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | 3,5-Dichlorobenzoic Acid | 0.16 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | 4,4'-DDD | 0.011 | UJ | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | 4,4'-DDE | 0.011 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | 4,4'-DDT | 0.011 | UJ | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | 4,4-Dibromooctafluorobiphenyl (DBOB) | 44 | | % |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | 4-Nitrophenol | 0.29 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Abate (Temephos) | 0.12 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Acifluorfen (Blazer) | 0.66 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Alachlor | 0.071 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Aldrin | 0.011 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Alpha-BHC | 0.011 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Alpha-Chlordene | 0.011 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Ametryn | 0.02 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Atraton | 0.03 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Atrazine | 0.02 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Azinphos (Guthion) | 0.031 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Azinphos Ethyl | 0.031 | U | ug/L |

| USGS sample # | Station | Date | Parameter | Value | Qualifier | Units |
|---|---|---|---|---|---|---|
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Benefin | 0.03 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Bentazon | 0.25 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Beta-BHC | 0.011 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Bolstar (Sulprofos) | 0.014 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Bromacil | 0.079 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Bromoxynil | 0.16 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Butachlor | 0.12 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Butylate | 0.039 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Captafol | 0.055 | UJ | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Captan | 0.03 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Carbophenothion | 0.02 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Carboxin | 0.12 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Chlorothalonil (Daconil) | 0.047 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Chlorpropham | 0.079 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Chlorpyriphos | 0.016 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Cis-Chlordane (Alpha-Chlordane) | 0.011 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Cis-Nonachlor | 0.011 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Coumaphos | 0.024 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Cyanazine | 0.03 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Cycloate | 0.039 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Dacthal (DCPA) | 0.13 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | DDMU | 0.011 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Decachlorobiphenyl | 89 | | % |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Delta-BHC | 0.011 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Demeton-O | 0.014 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Demeton-S | 0.014 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Di-allate (Avadex) | 0.14 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Diazinon | 0.016 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Dicamba I | 0.16 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Dichlobenil | 0.039 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Dichlorprop | 0.18 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Dichlorvos (DDVP) | 0.016 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Diclofop-Methyl | 0.25 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Dieldrin | 0.011 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Dimethoate | 0.016 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Dinoseb | 0.25 | UJ | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Dioxathion | 0.033 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Diphenamid | 0.059 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Disulfoton (Di-Syston) | 0.012 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Diuron | 0.12 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Endosulfan I | 0.011 | U | ug/L |

| USGS sample # | Station | Date | Parameter | Value | Qualifier | Units |
|---|---|---|---|---|---|---|
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Endosulfan II | 0.011 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Endosulfan Sulfate | 0.011 | UJ | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Endrin | 0.011 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Endrin Aldehyde | 0.011 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Endrin Ketone | 0.011 | UJ | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | EPN | 0.02 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Eptam | 0.039 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Ethalfluralin (Sonalan) | 0.03 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Ethion | 0.014 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Ethoprop | 0.016 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Fenamiphos | 0.03 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Fenarimol | 0.059 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Fenitrothion | 0.014 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Fensulfothion | 0.02 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Fenthion | 0.014 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Fluridone | 0.12 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Fonofos | 0.012 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Gamma-BHC (Lindane) | 0.011 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Gamma-Chlordene | 0.011 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Heptachlor | 0.011 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Heptachlor Epoxide | 0.011 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Hexazinone | 0.03 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Imidan | 0.022 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Ioxynil | 0.16 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Kelthane | 0.044 | UJ | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Malathion | 0.016 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | MCPA | 0.33 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | MCPP (Mecoprop) | 0.0062 | J | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Merphos (1 & 2) | 0.024 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Metalaxyl | 0.12 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Methoxychlor | 0.011 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Methyl Chlorpyrifos | 0.016 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Methyl Paraoxon | 0.035 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Methyl Parathion | 0.014 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Metolachlor | 0.079 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Metribuzin | 0.02 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Mevinphos | 0.02 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | MGK264 | 0.16 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Mirex | 0.011 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Molinate | 0.039 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Napropamide | 0.059 | U | ug/L |

| USGS sample # | Station | Date | Parameter | Value | Qualifier | Units |
|---|---|---|---|---|---|---|
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Norflurazon | 0.039 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Oxychlordane | 0.011 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Oxyfluorfen | 0.079 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Parathion | 0.016 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Pebulate | 0.039 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Pendimethalin | 0.03 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Pentachlorophenol | 0.082 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Phorate | 0.014 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Phosphamidan | 0.047 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Picloram | 0.16 | UJ | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Profluralin | 0.047 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Prometon (Pramitol 5p) | 0.02 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Prometryn | 0.02 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Pronamide (Kerb) | 0.079 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Propachlor (Ramrod) | 0.047 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Propazine | 0.02 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Propetamphos | 0.039 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Ronnel | 0.014 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Simazine | 0.02 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Sulfotepp | 0.012 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Tebuthiuron | 0.03 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Terbacil | 0.059 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Terbutryn (Igran) | 0.02 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Tetrachloro-m-xylene | 60 | | % |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Tetrachlorvinphos (Gardona) | 0.039 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Trans-Chlordane (Gamma) | 0.011 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Trans-Nonachlor | 0.011 | UJ | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Treflan (Trifluralin) | 0.03 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Triadimefon | 0.051 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Triallate | 0.059 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Tribufos (DEF) | 0.028 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Trichlopyr | 0.0098 | J | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Triphenyl Phosphate | 114 | | % |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Vernolate | 0.039 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | 1,3-Dimethyl-2-nitrobenzene | 60 | | % |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | 2,3,4,5-Tetrachlorophenol | 0.099 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | 2,3,4,6-Tetrachlorophenol | 0.099 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | 2,4,5-T | 0.14 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | 2,4,5-TB | 0.16 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | 2,4,5-TP (Silvex) | 0.14 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | 2,4,5-Trichlorophenol | 0.11 | U | ug/L |

| USGS sample # | Station | Date | Parameter | Value | Qualifier | Units |
|---|---|---|---|---|---|---|
| 1368035 | Marymoor Park Bridge | 9/4/2001 | 2,4,6-Tribromophenol | 110 | | % |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | 2,4,6-Trichlorophenol | 0.11 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | 2,4-D | 0.094 | J | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | 2,4-DB | 0.21 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | 2,4'-DDD | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | 2,4'-DDE | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | 2,4'-DDT | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | 2,4-Dichlorophenylacetic acid | 104 | | % |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | 3,5-Dichlorobenzoic Acid | 0.18 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | 4,4'-DDD | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | 4,4'-DDE | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | 4,4'-DDT | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | 4,4-Dibromooctafluorobiphenyl (DBOB) | 82 | | % |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | 4-Nitrophenol | 0.035 | J | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Abate (Temephos) | 0.12 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Acifluorfen (Blazer) | 0.71 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Alachlor | 0.071 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Aldrin | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Alpha-BHC | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Alpha-Chlordene | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Ametryn | 0.02 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Atraton | 0.03 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Atrazine | 0.02 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Azinphos (Guthion) | 0.032 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Azinphos Ethyl | 0.032 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Benefin | 0.03 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Bentazon | 0.27 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Beta-BHC | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Bolstar (Sulprofos) | 0.014 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Bromacil | 0.079 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Bromoxynil | 0.18 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Butachlor | 0.12 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Butylate | 0.04 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Captafol | 0.056 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Captan | 0.03 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Carbophenothion | 0.02 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Carboxin | 0.12 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Chlordane (technical) | 0 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Chlorothalonil (Daconil) | 0.048 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Chlorpropham | 0.079 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Chlorpyriphos | 0.016 | U | ug/L |

| USGS sample # | Station | Date | Parameter | Value | Qualifier | Units |
|---|---|---|---|---|---|---|
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Cis-Chlordane (Alpha-Chlordane) | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Cis-Nonachlor | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Coumaphos | 0.024 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Cyanazine | 0.03 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Cycloate | 0.04 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Dacthal (DCPA) | 0.14 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | DDMU | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Decachlorobiphenyl | 101 | | % |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Delta-BHC | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Demeton-O | 0.014 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Demeton-S | 0.014 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Di-allate (Avadex) | 0.14 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Diazinon | 0.016 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Dicamba I | 0.18 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Dichlobenil | 0.04 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Dichlorprop | 0.2 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Dichlorvos (DDVP) | 0.016 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Diclofop-Methyl | 0.27 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Dieldrin | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Dimethoate | 0.016 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Dinoseb | 0.27 | UJ | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Dioxathion | 0.034 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Diphenamid | 0.06 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Disulfoton (Di-Syston) | 0.012 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Diuron | 0.12 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Endosulfan I | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Endosulfan II | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Endosulfan Sulfate | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Endrin | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Endrin Aldehyde | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Endrin Ketone | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | EPN | 0.02 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Eptam | 0.04 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Ethalfluralin (Sonalan) | 0.03 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Ethion | 0.014 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Ethoprop | 0.016 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Fenamiphos | 0.03 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Fenarimol | 0.06 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Fenitrothion | 0.014 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Fensulfothion | 0.02 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Fenthion | 0.014 | U | ug/L |

| USGS sample # | Station | Date | Parameter | Value | Qualifier | Units |
|---|---|---|---|---|---|---|
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Fluridone | 0.12 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Fonofos | 0.012 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Gamma-BHC (Lindane) | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Gamma-Chlordene | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Heptachlor | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Heptachlor Epoxide | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Hexazinone | 0.03 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Imidan | 0.022 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Ioxynil | 0.18 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Kelthane | 0.044 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Malathion | 0.016 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | MCPA | 0.36 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | MCPP (Mecoprop) | 0.028 | J | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Merphos (1 & 2) | 0.024 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Metalaxyl | 0.12 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Methoxychlor | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Methyl Chlorpyrifos | 0.016 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Methyl Paraoxon | 0.036 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Methyl Parathion | 0.014 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Metolachlor | 0.079 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Metribuzin | 0.02 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Mevinphos | 0.02 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | MGK264 | 0.16 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Mirex | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Molinate | 0.04 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Napropamide | 0.06 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Norflurazon | 0.04 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Oxychlordane | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Oxyfluorfen | 0.079 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Parathion | 0.016 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Pebulate | 0.04 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Pendimethalin | 0.03 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Pentachlorophenol | 0.09 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Phorate | 0.014 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Phosphamidan | 0.048 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Picloram | 0.18 | UJ | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Profluralin | 0.048 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Prometon (Pramitol 5p) | 0.02 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Prometryn | 0.02 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Pronamide (Kerb) | 0.079 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Propachlor (Ramrod) | 0.048 | U | ug/L |

| USGS sample # | Station | Date | Parameter | Value | Qualifier | Units |
|---|---|---|---|---|---|---|
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Propazine | 0.02 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Propetamphos | 0.04 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Ronnel | 0.014 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Simazine | 0.02 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Sulfotepp | 0.012 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Tebuthiuron | 0.03 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Terbacil | 0.06 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Terbutryn (Igran) | 0.02 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Tetrachloro-m-xylene | 81 | | % |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Tetrachlorvinphos (Gardona) | 0.04 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Toxaphene | 0.33 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Trans-Chlordane (Gamma) | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Trans-Nonachlor | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Treflan (Trifluralin) | 0.03 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Triadimefon | 0.052 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Triallate | 0.06 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Tribufos (DEF) | 0.028 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Trichlopyr | 0.15 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Triphenyl Phosphate | 107 | | % |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Vernolate | 0.04 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | 1,3-Dimethyl-2-nitrobenzene | 55 | | % |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | 2,3,4,5-Tetrachlorophenol | 0.089 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | 2,3,4,6-Tetrachlorophenol | 0.089 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | 2,4,5-T | 0.13 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | 2,4,5-TB | 0.15 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | 2,4,5-TP (Silvex) | 0.13 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | 2,4,5-Trichlorophenol | 0.097 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | 2,4,6-Tribromophenol | 104 | | % |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | 2,4,6-Trichlorophenol | 0.097 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | 2,4-D | 0.084 | J | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | 2,4-DB | 0.19 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | 2,4'-DDD | 0.011 | UJ | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | 2,4'-DDE | 0.011 | UJ | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | 2,4'-DDT | 0.011 | UJ | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | 2,4-Dichlorophenylacetic acid | 95 | | % |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | 3,5-Dichlorobenzoic Acid | 0.16 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | 4,4'-DDD | 0.011 | UJ | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | 4,4'-DDE | 0.011 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | 4,4'-DDT | 0.011 | UJ | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | 4,4-Dibromooctafluorobiphenyl (DBOB) | 34 | | % |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | 4-Nitrophenol | 0.28 | U | ug/L |

| USGS sample # | Station | Date | Parameter | Value | Qualifier | Units |
|---|---|---|---|---|---|---|
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Abate (Temephos) | 0.12 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Acifluorfen (Blazer) | 0.65 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Alachlor | 0.071 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Aldrin | 0.011 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Alpha-BHC | 0.011 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Alpha-Chlordene | 0.011 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Ametryn | 0.02 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Atraton | 0.03 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Atrazine | 0.02 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Azinphos (Guthion) | 0.032 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Azinphos Ethyl | 0.032 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Benefin | 0.03 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Bentazon | 0.24 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Beta-BHC | 0.011 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Bolstar (Sulprofos) | 0.014 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Bromacil | 0.079 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Bromoxynil | 0.16 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Butachlor | 0.12 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Butylate | 0.04 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Captafol | 0.056 | UJ | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Captan | 0.03 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Carbophenothion | 0.02 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Carboxin | 0.12 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Chlorothalonil (Daconil) | 0.048 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Chlorpropham | 0.079 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Chlorpyriphos | 0.016 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Cis-Chlordane (Alpha-Chlordane) | 0.011 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Cis-Nonachlor | 0.011 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Coumaphos | 0.024 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Cyanazine | 0.03 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Cycloate | 0.04 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Dacthal (DCPA) | 0.13 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | DDMU | 0.011 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Decachlorobiphenyl | 86 | | % |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Delta-BHC | 0.011 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Demeton-O | 0.014 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Demeton-S | 0.014 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Di-allate (Avadex) | 0.14 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Diazinon | 0.016 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Dicamba I | 0.025 | J | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Dichlobenil | 0.04 | U | ug/L |

| USGS sample # | Station | Date | Parameter | Value | Qualifier | Units |
|---|---|---|---|---|---|---|
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Dichlorprop | 0.18 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Dichlorvos (DDVP) | 0.016 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Diclofop-Methyl | 0.24 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Dieldrin | 0.011 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Dimethoate | 0.016 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Dinoseb | 0.24 | UJ | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Dioxathion | 0.034 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Diphenamid | 0.06 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Disulfoton (Di-Syston) | 0.012 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Diuron | 0.12 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Endosulfan I | 0.011 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Endosulfan II | 0.011 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Endosulfan Sulfate | 0.011 | UJ | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Endrin | 0.011 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Endrin Aldehyde | 0.011 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Endrin Ketone | 0.011 | UJ | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | EPN | 0.02 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Eptam | 0.04 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Ethalfluralin (Sonalan) | 0.03 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Ethion | 0.014 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Ethoprop | 0.016 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Fenamiphos | 0.03 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Fenarimol | 0.06 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Fenitrothion | 0.014 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Fensulfothion | 0.02 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Fenthion | 0.014 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Fluridone | 0.12 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Fonofos | 0.012 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Gamma-BHC (Lindane) | 0.011 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Gamma-Chlordene | 0.011 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Heptachlor | 0.011 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Heptachlor Epoxide | 0.011 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Hexazinone | 0.03 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Imidan | 0.022 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Ioxynil | 0.16 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Kelthane | 0.044 | UJ | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Malathion | 0.016 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | MCPA | 0.32 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | MCPP (Mecoprop) | 0.0071 | J | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Merphos (1 & 2) | 0.024 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Metalaxyl | 0.12 | U | ug/L |

| USGS sample # | Station | Date | Parameter | Value | Qualifier | Units |
|---|---|---|---|---|---|---|
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Methoxychlor | 0.011 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Methyl Chlorpyrifos | 0.016 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Methyl Paraoxon | 0.036 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Methyl Parathion | 0.014 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Metolachlor | 0.079 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Metribuzin | 0.02 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Mevinphos | 0.02 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | MGK264 | 0.16 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Mirex | 0.011 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Molinate | 0.04 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Napropamide | 0.06 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Norflurazon | 0.04 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Oxychlordane | 0.011 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Oxyfluorfen | 0.079 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Parathion | 0.016 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Pebulate | 0.04 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Pendimethalin | 0.03 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Pentachlorophenol | 0.081 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Phorate | 0.014 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Phosphamidan | 0.048 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Picloram | 0.16 | UJ | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Profluralin | 0.048 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Prometon (Pramitol 5p) | 0.02 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Prometryn | 0.02 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Pronamide (Kerb) | 0.079 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Propachlor (Ramrod) | 0.048 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Propazine | 0.02 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Propetamphos | 0.04 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Ronnel | 0.014 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Simazine | 0.02 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Sulfotepp | 0.012 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Tebuthiuron | 0.03 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Terbacil | 0.06 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Terbutryn (Igran) | 0.02 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Tetrachloro-m-xylene | 40 | | % |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Tetrachlorvinphos (Gardona) | 0.04 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Trans-Chlordane (Gamma) | 0.011 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Trans-Nonachlor | 0.011 | UJ | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Treflan (Trifluralin) | 0.03 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Triadimefon | 0.052 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Triallate | 0.06 | U | ug/L |

| USGS sample # | Station | Date | Parameter | Value | Qualifier | Units |
|---|---|---|---|---|---|---|
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Tribufos (DEF) | 0.028 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Trichlopyr | 0.047 | J | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Triphenyl Phosphate | 99 | | % |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Vernolate | 0.04 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | 1,3-Dimethyl-2-nitrobenzene | 46 | | % |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | 2,3,4,5-Tetrachlorophenol | 0.092 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | 2,3,4,6-Tetrachlorophenol | 0.092 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | 2,4,5-T | 0.13 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | 2,4,5-TB | 0.15 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | 2,4,5-TP (Silvex) | 0.13 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | 2,4,5-Trichlorophenol | 0.1 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | 2,4,6-Tribromophenol | 103 | | % |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | 2,4,6-Trichlorophenol | 0.1 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | 2,4-DB | 0.2 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | 2,4'-DDD | 0.012 | UJ | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | 2,4'-DDE | 0.012 | UJ | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | 2,4'-DDT | 0.012 | UJ | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | 2,4-Dichlorophenylacetic acid | 98 | | % |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | 3,5-Dichlorobenzoic Acid | 0.17 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | 4,4'-DDD | 0.012 | UJ | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | 4,4'-DDE | 0.012 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | 4,4'-DDT | 0.012 | UJ | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | 4,4-Dibromooctafluorobiphenyl (DBOB) | 57 | | % |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | 4-Nitrophenol | 0.054 | J | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Abate (Temephos) | 0.13 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Acifluorfen (Blazer) | 0.67 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Alachlor | 0.075 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Aldrin | 0.012 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Alpha-BHC | 0.012 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Alpha-Chlordene | 0.012 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Ametryn | 0.021 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Atraton | 0.031 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Atrazine | 0.021 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Azinphos (Guthion) | 0.033 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Azinphos Ethyl | 0.033 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Benefin | 0.031 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Bentazon | 0.25 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Beta-BHC | 0.012 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Bolstar (Sulprofos) | 0.015 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Bromacil | 0.083 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Bromoxynil | 0.17 | U | ug/L |

| USGS sample # | Station | Date | Parameter | Value | Qualifier | Units |
|---|---|---|---|---|---|---|
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Butachlor | 0.13 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Butylate | 0.042 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Captafol | 0.058 | UJ | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Captan | 0.032 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Carbophenothion | 0.021 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Carboxin | 0.13 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Chlorothalonil (Daconil) | 0.05 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Chlorpropham | 0.083 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Chlorpyriphos | 0.017 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Cis-Chlordane (Alpha-Chlordane) | 0.012 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Cis-Nonachlor | 0.012 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Coumaphos | 0.025 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Cyanazine | 0.031 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Cycloate | 0.042 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Dacthal (DCPA) | 0.13 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | DDMU | 0.012 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Decachlorobiphenyl | 99 | | % |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Delta-BHC | 0.012 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Demeton-O | 0.015 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Demeton-S | 0.015 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Di-allate (Avadex) | 0.15 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Diazinon | 0.017 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Dicamba I | 0.17 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Dichlobenil | 0.042 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Dichlorprop | 0.18 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Dichlorvos (DDVP) | 0.017 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Diclofop-Methyl | 0.25 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Dieldrin | 0.012 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Dimethoate | 0.017 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Dinoseb | 0.25 | UJ | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Dioxathion | 0.035 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Diphenamid | 0.063 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Disulfoton (Di-Syston) | 0.013 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Diuron | 0.13 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Endosulfan I | 0.012 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Endosulfan II | 0.012 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Endosulfan Sulfate | 0.012 | UJ | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Endrin | 0.012 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Endrin Aldehyde | 0.012 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Endrin Ketone | 0.012 | UJ | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | EPN | 0.021 | U | ug/L |

| USGS sample # | Station | Date | Parameter | Value | Qualifier | Units |
|---|---|---|---|---|---|---|
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Eptam | 0.042 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Ethalfluralin (Sonalan) | 0.031 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Ethion | 0.015 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Ethoprop | 0.017 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Fenamiphos | 0.031 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Fenarimol | 0.063 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Fenitrothion | 0.015 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Fensulfothion | 0.021 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Fenthion | 0.015 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Fluridone | 0.13 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Fonofos | 0.013 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Gamma-BHC (Lindane) | 0.012 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Gamma-Chlordene | 0.012 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Heptachlor | 0.012 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Heptachlor Epoxide | 0.012 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Hexazinone | 0.031 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Imidan | 0.023 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Ioxynil | 0.17 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Kelthane | 0.047 | UJ | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Malathion | 0.017 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | MCPA | 0.33 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | MCPP (Mecoprop) | 0.33 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Merphos (1 & 2) | 0.025 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Metalaxyl | 0.13 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Methoxychlor | 0.012 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Methyl Chlorpyrifos | 0.017 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Methyl Paraoxon | 0.038 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Methyl Parathion | 0.015 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Metolachlor | 0.083 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Metribuzin | 0.021 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Mevinphos | 0.021 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | MGK264 | 0.17 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Mirex | 0.012 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Molinate | 0.042 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Napropamide | 0.063 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Norflurazon | 0.042 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Oxychlordane | 0.012 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Oxyfluorfen | 0.083 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Parathion | 0.017 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Pebulate | 0.042 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Pendimethalin | 0.031 | U | ug/L |

| USGS sample # | Station | Date | Parameter | Value | Qualifier | Units |
|---|---|---|---|---|---|---|
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Pentachlorophenol | 0.084 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Phorate | 0.015 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Phosphamidan | 0.05 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Picloram | 0.17 | UJ | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Profluralin | 0.05 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Prometon (Pramitol 5p) | 0.021 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Prometryn | 0.021 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Pronamide (Kerb) | 0.083 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Propachlor (Ramrod) | 0.05 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Propazine | 0.021 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Propetamphos | 0.042 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Ronnel | 0.015 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Simazine | 0.021 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Sulfotepp | 0.013 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Tebuthiuron | 0.031 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Terbacil | 0.063 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Terbutryn (Igran) | 0.021 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Tetrachloro-m-xylene | 52 | | % |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Tetrachlorvinphos (Gardona) | 0.042 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Trans-Chlordane (Gamma) | 0.012 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Trans-Nonachlor | 0.012 | UJ | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Treflan (Trifluralin) | 0.031 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Triadimefon | 0.054 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Triallate | 0.063 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Tribufos (DEF) | 0.029 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Trichlopyr | 0.14 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Triphenyl Phosphate | 68 | | % |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Vernolate | 0.042 | U | ug/L |

U = not detected above MDL
J = estimated

# Appendix F

| King County Sammamish River 2003 Aquatic Invertebrate Data Determinations by Rhithron Associates, Inc. | | Site | P29367-1 #1 SAMMAMISH RIVER @ BOTHELL LANDING BRIDGE | | P29367-1 #2 SAMMAMISH RIVER @BOTHELL LANDING BRIDGE | | P29367-1 #3 SAMMAMISH RIVER @ BOTHELL LANDING BRIDGE | | P29367-10 #1 SAMMAMISH RIVER 90TH ST BRIDGE | | P29367-10 #2 SAMMAMISH RIVER 90TH ST BRIDGE | | P29367-10 #3 SAMMAMISH RIVER 90TH ST BRIDGE | | P29367-11 #1 SAMMAMISH RIVER BELOW MOUTH OF BEAR CREEK | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sample date | 9/2/2003 | | 9/2/2003 | | 9/2/2003 | | 8/26/2003 | | 8/26/2003 | | 8/26/2003 | | 8/26/2003 | |
| | | Taxon | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? |
| Non-insect taxa | | Turbellaria | | | | | | | | | | | | | | |
| | | Nematoda | 1 | | | | | | | | 1 | | | | 3 | |
| | | Oligochaeta | 49 | | 31 | | 31 | | 9 | | 13 | | 5 | | 15 | |
| | Glossiphoniidae | *Helobdella* | | | | | | | | | 1 | | 2 | | | |
| | | *Helobdella stagnalis* | | | | | | | | | 1 | | | | | |
| | | *Placobdella* | | | | | | | | | | | | | | |
| | Corbiculidae | *Corbicula* | 24 | | 15 | | 19 | | 2 | | | | 2 | | 2 | |
| | Pisidiidae | Pisidiidae | 45 | | 54 | | 14 | | 35 | | 341 | | 91 | | | |
| | Ancylidae | *Ferrissia* | | | | | | | | | 3 | | 3 | | 1 | |
| | Physidae | Physidae | | | | | | | | | | | | | | |
| | Planorbidae | *Gyraulus* | | | | | | | 10 | | 19 | | 15 | | 4 | |
| | | Cladocera | 2 | | 1 | | | | | | 16 | | 1 | | | |
| | | Copepoda | | | | | | | | | | | | | | |
| | | Ostracoda | 14 | | 20 | | 8 | | 18 | | 113 | | 14 | | | |
| | Crangonyctidae | *Crangonyx* | | | | | | | | | 1 | | 2 | | | |
| | Talitridae | *Hyalella* | | | | | | | | | 6 | | 3 | | | |
| | Asellidae | *Caecidotea* | | | 4 | | | | | | 8 | | 7 | | | |
| | Acari | Acari | 1 | | 6 | | 2 | | | | | | | | 3 | |
| Odonata | Coenagrionidae | Coenagrionidae - early instar or damaged | | | | | | | | | 2 | | | | | |
| | | *Enallagma* | | | | | | | | | | | | | | |
| Ephemeroptera | Baetidae | *Baetis tricaudatus* | | | | | | | | | | | | | | |
| | | *Centroptilum* | 1 | | 1 | | | | | | | | | | 1 | |
| | Leptohyphidae | *Tricorythodes* | 1 | | 1 | | 2 | | | | 15 | | 2 | | 312 | |
| Heteroptera | Corixidae | Corixidae - early instar or damaged | | | | | | | | | 1 | | | | | |
| Megaloptera | Sialidae | *Sialis* | | | | | | | | | | | | | | |
| Trichoptera | Hydropsychidae | *Cheumatopsyche* | | | | | | | | | | | | | | |
| | | *Hydropsyche* | | | | | | | | | | | | | 2 | |
| | Hydroptilidae | *Hydroptila* | | | | | | | | | | | | | 1 | |
| | Leptoceridae | Leptoceridae - early instar, pupa or damaged | | | | | 1 | | | | | | | | | |
| | | *Mystacides* | 2 | | | | | | 1 | | 4 | | | | | |
| | | *Nectopsyche* | | | | | | | | | | | | | | |
| Coleoptera | Elmidae | Elmidae - early instar | | | | | | | | | | | | | | |
| | | *Optioservus* | | | 1 | | | | | | | | | | | |
| | | *Zaitzevia* | | | | | | | | | | | | | 1 | |
| | Haliplidae | *Brychius* | | | | | | | | | | | | | | |
| | | *Haliplus* | | | | | | | | | | | | | | |

| King County Sammamish River 2003 Aquatic Invertebrate Data Determinations by Rhithron Associates, Inc. | | Site | P29367-1 #1 SAMMAMISH RIVER @ BOTHELL LANDING BRIDGE | | P29367-1 #2 SAMMAMISH RIVER @BOTHELL LANDING BRIDGE | | P29367-1 #3 SAMMAMISH RIVER @ BOTHELL LANDING BRIDGE | | P29367-10 #1 SAMMAMISH RIVER 90TH ST BRIDGE | | P29367-10 #2 SAMMAMISH RIVER 90TH ST BRIDGE | | P29367-10 #3 SAMMAMISH RIVER 90TH ST BRIDGE | | P29367-11 #1 SAMMAMISH RIVER BELOW MOUTH OF BEAR CREEK | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sample date | 9/2/2003 | | 9/2/2003 | | 9/2/2003 | | 8/26/2003 | | 8/26/2003 | | 8/26/2003 | | 8/26/2003 | |
| Taxon | | | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? |
| Diptera | Ceratopogonidae | Ceratopogoninae | 5 | | 1 | | 2 | | | | 1 | | | | | |
| | Empididae | *Chelifera* | | | | | | | | | | | | | 1 | |
| | | *Empididae* | | | | | | | | | | | | | 4 | no |
| | | *Hemerodromia* | | | | | | | | | | | | | 4 | |
| | Simuliidae | *Simulium* | | | | | | | | | | | | | 1 | |
| | Chironomidae | Chironomidae | 105 | | 47 | | 58 | | 6 | | 13 | | 3 | | 44 | |
| | | **TOTAL** | 250 | | 182 | | 137 | | 81 | | 559 | | 150 | | 399 | |

| King County Sammamish River 2003 Aquatic Invertebrate Data Determinations by Rhithron Associates, Inc. | | Site | P29367-11 #2 SAMMAMISH RIVER BELOW MOUTH OF BEAR CREEK | | P29367-11 #3 SAMAMISH RIVER BELOW MOUTH OF BEAR CREEK | | P29367-12 #1 SAMMAMISH RIVER MARYMORE PARK BRIDGE | | P29367-12 #2 SAMMAMISH RIVER MARYMORE PARK BRIDGE | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Sample date | 8/26/2003 | | 8/26/2003 | | 8/26/2003 | | 8/26/2003 | |
| | | Taxon | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? |
| Non-insect taxa | | Turbellaria | 2 | | | | | | 1 | |
| | | Nematoda | | | | | | | 2 | |
| | | Oligochaeta | 28 | | 18 | | 17 | | 82 | |
| | Glossiphoniidae | *Helobdella* | | | | | | | | |
| | | *Helobdella stagnalis* | 1 | | | | 1 | | | |
| | | *Placobdella* | | | | | | | | |
| | Corbiculidae | *Corbicula* | 2 | | 2 | | 5 | | 1 | |
| | Pisidiidae | Pisidiidae | 7 | | 6 | | | | | |
| | Ancylidae | *Ferrissia* | | | 13 | | | | | |
| | Physidae | Physidae | | | | | | | | |
| | Planorbidae | *Gyraulus* | 12 | | 7 | | 1 | | 4 | |
| | | Cladocera | | | | | | | | |
| | | Copepoda | | | | | | | | |
| | | Ostracoda | 1 | | | | | | | |
| | Crangonyctidae | *Crangonyx* | | | 2 | | | | 8 | |
| | Talitridae | *Hyalella* | 3 | | | | | | | |
| | Asellidae | *Caecidotea* | 2 | | | | 1 | | | |
| | Acari | Acari | 4 | | 8 | | | | 2 | |
| Odonata | Coenagrionidae | Coenagrionidae - early instar or damaged | | | | | | | | |
| | | *Enallagma* | | | | | | | | |
| Ephemeroptera | Baetidae | *Baetis tricaudatus* | 1 | | | | | | | |
| | | *Centroptilum* | 14 | | | | | | | |
| | Leptohyphidae | *Tricorythodes* | 179 | | 93 | | | | 2 | |
| Heteroptera | Corixidae | Corixidae - early instar or damaged | | | | | | | | |
| Megaloptera | Sialidae | *Sialis* | | | | | | | | |
| Trichoptera | Hydropsychidae | *Cheumatopsyche* | 4 | | | | | | 1 | |
| | | *Hydropsyche* | 1 | | | | | | | |
| | Hydroptilidae | *Hydroptila* | 9 | | 2 | | | | | |
| | Leptoceridae | Leptoceridae - early instar, pupa or damaged | | | | | | | | |
| | | *Mystacides* | 1 | | 2 | | | | | |
| | | *Nectopsyche* | | | | | | | | |
| Coleoptera | Elmidae | Elmidae - early instar | | | | | | | | |
| | | *Optioservus* | | | 3 | | | | 2 | |
| | | *Zaitzevia* | | | | | | | | |
| | Haliplidae | *Brychius* | | | 2 | | 2 | | 1 | |
| | | *Haliplus* | | | | | | | 2 | |

| King County Sammammish River 2003 Aquatic Invertebrate Data Determinations by Rhithron Associates, Inc. | | | | P29367-11 #2 SAMMAMISH RIVER BELOW MOUTH OF BEAR CREEK | | P29367-11 #3 SAMAMISH RIVER BELOW MOUTH OF BEAR CREEK | | P29367-12 #1 SAMMAMISH RIVER MARYMORE PARK BRIDGE | | P29367-12 #2 SAMMAMISH RIVER MARYMORE PARK BRIDGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | **Site** | | | | | | | | |
| | | | **Sample date** | 8/26/2003 | | 8/26/2003 | | 8/26/2003 | | 8/26/2003 | |
| **Taxon** | | | | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? |
| Diptera | Ceratopogonidae | Ceratopogoninae | | | | | | | | | |
| | Empididae | *Chelifera* | | | | 1 | | | | | |
| | | *Empididae* | | | | | | | | | |
| | | *Hemerodromia* | | 8 | | | | | | | |
| | Simuliidae | *Simulium* | | 2 | | 1 | | | | | |
| | Chironomidae | Chironomidae | | 117 | | 97 | | | | | |
| | | | **TOTAL** | 398 | | 257 | | 27 | | 108 | |

| King County Sammamish River 2003 Aquatic Invertebrate Data Determinations by Rhithron Associates, Inc. | | Site | P29367-12 #3 SAMMAMISH RIVER MARYMORE PARK BRIDGE | | P29367-2 #1 SAMMAMISH RIVER @ KENMORE BRIDGE ON 68TH | | P29367-2 #2 SAMMAMISH RIVER @ KENMORE BRIDGE ON 68TH | | P29367-3 #1 SAMMAMISH RIVER BELOW MOUTH OF LITTLE BEAR | | P29367-3 #2 SAMMAMISH RIVER BELOW MOUTH OF LITTLE BEAR | | P29367-3 #3 SAMMAMISH RIVER BELOW MOUTH OF LITTLE BEAR | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sample date | 8/26/2003 | | 9/2/2003 | | 9/2/2003 | | 9/8/2003 | | 9/8/2003 | | 9/8/2003 | |
| | | Taxon | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? |
| Non-insect taxa | | Turbellaria | 4 | | | | | | 17 | | 8 | | 1 | |
| | | Nematoda | | | | | 2 | | | | 2 | | 4 | |
| | | Oligochaeta | 22 | | 14 | | 16 | | 28 | | 98 | | 37 | |
| | Glossiphoniidae | *Helobdella* | | | 4 | | | | | | | | | |
| | | *Helobdella stagnalis* | | | 5 | | | | | | | | | |
| | | *Placobdella* | | | | | | | | | | | | |
| | Corbiculidae | *Corbicula* | 3 | | 3 | | 1 | | 51 | | 8 | | 12 | |
| | Pisidiidae | Pisidiidae | | | 99 | | 89 | | | | | | | |
| | Ancylidae | *Ferrissia* | | | | | | | 7 | | | | 4 | |
| | Physidae | Physidae | | | 2 | | | | 1 | | | | | |
| | Planorbidae | *Gyraulus* | 6 | | 1 | | 1 | | 1 | | | | | |
| | | Cladocera | | | 4 | | 2 | | | | | | | |
| | | Copepoda | | | | | | | | | | | | |
| | | Ostracoda | | | 21 | | 36 | | | | | | | |
| | Crangonyctidae | *Crangonyx* | 1 | | | | | | 4 | | 20 | | 1 | |
| | Talitridae | *Hyalella* | | | | | | | 2 | | 2 | | 1 | |
| | Asellidae | *Caecidotea* | | | 3 | | 6 | | 18 | | 5 | | | |
| | Acari | Acari | 4 | | 3 | | | | 1 | | 4 | | | |
| Odonata | Coenagrionidae | Coenagrionidae - early instar or damaged | | | | | | | | | | | | |
| | | *Enallagma* | | | | | | | | | | | | |
| Ephemeroptera | Baetidae | *Baetis tricaudatus* | | | | | | | 1 | | 5 | | | |
| | | *Centroptilum* | | | | | | | | | | | | |
| | Leptohyphidae | *Tricorythodes* | | | | | | | 39 | | 53 | | 27 | |
| Heteroptera | Corixidae | Corixidae - early instar or damaged | | | | | | | | | | | | |
| Megaloptera | Sialidae | *Sialis* | | | | | | | | | | | | |
| Trichoptera | Hydropsychidae | *Cheumatopsyche* | | | | | | | 4 | | 1 | | | |
| | | *Hydropsyche* | | | | | | | | | | | | |
| | Hydroptilidae | *Hydroptila* | | | | | | | | | | | 2 | |
| | Leptoceridae | Leptoceridae - early instar, pupa or damaged | | | | | | | | | | | | |
| | | *Mystacides* | | | | | | | | | | | | |
| | | *Nectopsyche* | | | | | | | 1 | | | | | |
| Coleoptera | Elmidae | Elmidae - early instar | 1 | | | | | | | | | | | |
| | | *Optioservus* | | | | | | | 21 | | 2 | | 1 | |
| | | *Zaitzevia* | | | | | | | | | | | | |
| | Haliplidae | *Brychius* | | | | | | | | | | | | |
| | | *Haliplus* | | | | | | | | | | | 1 | |

| King County Sammamish River 2003 Aquatic Invertebrate Data Determinations by Rhithron Associates, Inc. | | | | P29367-12 #3 SAMMAMISH RIVER MARYMORE PARK BRIDGE | | P29367-2 #1 SAMMAMISH RIVER @ KENMORE BRIDGE ON 68TH | | P29367-2 #2 SAMMAMISH RIVER @ KENMORE BRIDGE ON 68TH | | P29367-3 #1 SAMMAMISH RIVER BELOW MOUTH OF LITTLE BEAR | | P29367-3 #2 SAMMAMISH RIVER BELOW MOUTH OF LITTLE BEAR | | P29367-3 #3 SAMMAMISH RIVER BELOW MOUTH OF LITTLE BEAR | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | **Site** | | | | | | | | | | | | |
| | | | **Sample date** | 8/26/2003 | | 9/2/2003 | | 9/2/2003 | | 9/8/2003 | | 9/8/2003 | | 9/8/2003 | |
| **Taxon** | | | | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? |
| Diptera | Ceratopogonidae | Ceratopogoninae | | | | | | | | | | | | | |
| | Empididae | *Chelifera* | | | | | | | | | | | | | |
| | | *Empididae* | | | | | | | | | | | | | |
| | | *Hemerodromia* | | | | | | | | | | | | | |
| | Simuliidae | *Simulium* | | | | | | | | | | 2 | | | |
| | Chironomidae | Chironomidae | | | | 22 | | 26 | | 113 | | 262 | | 185 | |
| | | | **TOTAL** | 41 | | 181 | | 179 | | 309 | | 472 | | 276 | |

| King County Sammammish River 2003 Aquatic Invertebrate Data Determinations by Rhithron Associates, Inc. | | Site | P29367-4 #1 SAMMAMISH RIVER BELOW MOUTH OF WOODIN CREEK | | P29367-4 #2 SAMMAMISH RIVER BELOW MOUTH OF WOODIN CREEK | | P29367-4 #3 SAMMAMISH RIVER BELOW MOUTH OF WOODIN CREEK | | P29367-6 #1 SAMMAMISH RIVER 145TH ST BRIDGE | | P29367-6 #2 SAMMAMISH RIVER 145TH ST BRIDGE | | P29367-6 #3 SAMMAMISH RIVER 145TH ST BRIDGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sample date | 9/8/2003 | | 9/8/2003 | | 9/8/2003 | | 8/27/2003 | | 8/27/2003 | | 8/27/2003 | |
| | | Taxon | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? |
| Non-insect taxa | | Turbellaria | | | | | | | | | | | | |
| | | Nematoda | | | | | | | 3 | | 1 | | | |
| | | Oligochaeta | 2 | | 10 | | 18 | | 34 | | 4 | | 19 | |
| | Glossiphoniidae | *Helobdella* | | | | | 13 | | | | | | | |
| | | *Helobdella stagnalis* | | | | | | | | | | | | |
| | | *Placobdella* | | | | | | | | | | | | |
| | Corbiculidae | *Corbicula* | | | | | | | 4 | | 7 | | 3 | |
| | Pisidiidae | Pisidiidae | 42 | | 26 | | 20 | | 2 | | 5 | | 3 | |
| | Ancylidae | *Ferrissia* | | | | | | | | | | | | |
| | Physidae | Physidae | 18 | | | | | | | | | | 1 | |
| | Planorbidae | *Gyraulus* | 9 | | | | | | | | | | | |
| | | Cladocera | | | 1 | | | | | | | | | |
| | | Copepoda | | | | | | | | | | | | |
| | | Ostracoda | 2 | | 2 | | 1 | | | | | | 1 | |
| | Crangonyctidae | *Crangonyx* | | | | | | | | | | | | |
| | Talitridae | *Hyalella* | 2 | | | | | | | | 1 | | 2 | |
| | Asellidae | *Caecidotea* | 2 | | | | | | | | | | | |
| | Acari | Acari | | | | | | | 2 | | | | | |
| Odonata | Coenagrionidae | Coenagrionidae - early instar or damaged | | | | | | | 1 | | 1 | | | |
| | | *Enallagma* | | | | | | | | | | | | |
| Ephemeroptera | Baetidae | *Baetis tricaudatus* | | | | | | | | | | | | |
| | | *Centroptilum* | | | | | | | | | | | | |
| | Leptohyphidae | *Tricorythodes* | | | | | | | 3 | | 2 | | | |
| Heteroptera | Corixidae | Corixidae - early instar or damaged | | | | | 1 | | | | | | | |
| Megaloptera | Sialidae | *Sialis* | 2 | | 4 | | 1 | | | | | | | |
| Trichoptera | Hydropsychidae | *Cheumatopsyche* | | | | | | | | | | | | |
| | | *Hydropsyche* | | | | | | | | | | | | |
| | Hydroptilidae | *Hydroptila* | | | | | | | | | | | | |
| | Leptoceridae | Leptoceridae - early instar, pupa or damaged | | | | | | | | | | | | |
| | | *Mystacides* | | | | | | | | | | | | |
| | | *Nectopsyche* | | | | | | | | | | | | |
| Coleoptera | Elmidae | Elmidae - early instar | | | | | | | | | 1 | | | |
| | | *Optioservus* | | | | | | | | | | | | |
| | | *Zaitzevia* | | | | | | | | | | | | |
| | Haliplidae | *Brychius* | | | | | | | | | | | | |
| | | *Haliplus* | | | | | | | | | | | | |

| King County Sammammish River 2003 Aquatic Invertebrate Data Determinations by Rhithron Associates, Inc. | | | | P29367-4 #1 SAMMAMISH RIVER BELOW MOUTH OF WOODIN CREEK | | P29367-4 #2 SAMMAMISH RIVER BELOW MOUTH OF WOODIN CREEK | | P29367-4 #3 SAMMAMISH RIVER BELOW MOUTH OF WOODIN CREEK | | P29367-6 #1 SAMMAMISH RIVER 145TH ST BRIDGE | | P29367-6 #2 SAMMAMISH RIVER 145TH ST BRIDGE | | P29367-6 #3 SAMMAMISH RIVER 145TH ST BRIDGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | **Sample date** | 9/8/2003 | | 9/8/2003 | | 9/8/2003 | | 8/27/2003 | | 8/27/2003 | | 8/27/2003 | |
| **Taxon** | | | | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? |
| Diptera | Ceratopogonidae | Ceratopogoninae | | | | 1 | | 1 | | | | 1 | | | |
| | Empididae | *Chelifera* | | | | | | | | | | | | | |
| | | *Empididae* | | | | | | | | | | | | | |
| | | *Hemerodromia* | | | | | | | | | | | | | |
| | Simuliidae | *Simulium* | | | | | | | | | | | | | |
| | Chironomidae | Chironomidae | | 2 | | 10 | | 8 | | 1 | | 2 | | 5 | |
| | | | **TOTAL** | 81 | | 54 | | 63 | | 50 | | 25 | | 34 | |

| King County Sammammish River 2003 Aquatic Invertebrate Data Determinations by Rhithron Associates, Inc. | | Site | P29367-8 #1 SAMMAMISH RIVER @ NE 124TH U/S OFF BRIDGE | |
|---|---|---|---|---|
| | | Sample date | 8/27/2003 | |
| | | Taxon | Count | Unique? |
| Non-insect taxa | | Turbellaria | | |
| | | Nematoda | | |
| | | Oligochaeta | 73 | |
| | Glossiphoniidae | *Helobdella* | | |
| | | *Helobdella stagnalis* | 2 | |
| | | *Placobdella* | | |
| | Corbiculidae | *Corbicula* | 1 | |
| | Pisidiidae | Pisidiidae | 20 | |
| | Ancylidae | *Ferrissia* | | |
| | Physidae | Physidae | | |
| | Planorbidae | *Gyraulus* | | |
| | | Cladocera | | |
| | | Copepoda | | |
| | | Ostracoda | 6 | |
| | Crangonyctidae | *Crangonyx* | | |
| | Talitridae | *Hyalella* | | |
| | Asellidae | *Caecidotea* | 5 | |
| | Acari | Acari | | |
| Odonata | Coenagrionidae | Coenagrionidae - early instar or damaged | | |
| | | *Enallagma* | | |
| Ephemeroptera | Baetidae | *Baetis tricaudatus* | | |
| | | *Centroptilum* | | |
| | Leptohyphidae | *Tricorythodes* | 2 | |
| Heteroptera | Corixidae | Corixidae - early instar or damaged | | |
| Megaloptera | Sialidae | *Sialis* | 2 | |
| Trichoptera | Hydropsychidae | *Cheumatopsyche* | | |
| | | *Hydropsyche* | | |
| | Hydroptilidae | *Hydroptila* | | |
| | Leptoceridae | Leptoceridae - early instar, pupa or damaged | | |
| | | *Mystacides* | | |
| | | *Nectopsyche* | | |
| Coleoptera | Elmidae | Elmidae - early instar | | |
| | | *Optioservus* | | |
| | | *Zaitzevia* | | |
| | Haliplidae | *Brychius* | | |
| | | *Haliplus* | | |

| King County Sammammish River 2003 Aquatic Invertebrate Data Determinations by Rhithron Associates, Inc. | | Site | P29367-8 #1 SAMMAMISH RIVER @ NE 124TH U/S OFF BRIDGE | |
|---|---|---|---|---|
| | | Sample date | 8/27/2003 | |
| Taxon | | | Count | Unique? |
| Diptera | Ceratopogonidae | Ceratopogoninae | | |
| | Empididae | *Chelifera* | | |
| | | *Empididae* | | |
| | | *Hemerodromia* | | |
| | Simuliidae | *Simulium* | | |
| | Chironomidae | Chironomidae | 14 | |
| | | **TOTAL** | 125 | |

| King County Sammammish River 2003 Aquatic Invertebrate Data Determinations by Rhithron Associates, Inc. | | Site | P29367-8 #2 SAMMAMISH RIVER @ NE 124TH ST U/S OFF BRIDGE | | P29367-8 #3 SAMMAMISH RIVER @ NE 124TH ST U'S OFF BRIDGE | | P29367-9 #1 SAMMAMISH RIVER 116TH ST BRIDGE | | P29367-9 #2 SAMMAMISH RIVER 116TH ST BRIDGE | | P29367-9 #3 SAMMAMISH RIVER 116TH ST BRIDGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sample date | 8/27/2003 | | 8/27/2003 | | 8/27/2003 | | 8/27/2003 | | 8/27/2003 | |
| | | Taxon | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? |
| Non-insect taxa | | Turbellaria | | | | | | | 3 | | 4 | |
| | | Nematoda | 2 | | 2 | | | | 1 | | | |
| | | Oligochaeta | 6 | | 75 | | | | 29 | | 52 | |
| | Glossiphoniidae | *Helobdella* | | | | | | | | | | |
| | | *Helobdella stagnalis* | 5 | | | | 62 | | 31 | | 41 | |
| | | *Placobdella* | | | | | 1 | | | | 1 | |
| | Corbiculidae | *Corbicula* | 1 | | | | 1 | | 2 | | 1 | |
| | Pisidiidae | Pisidiidae | 22 | | 19 | | 11 | | 5 | | 14 | |
| | Ancylidae | *Ferrissia* | | | | | 1 | | 7 | | 16 | |
| | Physidae | Physidae | | | | | 3 | | 1 | | 4 | |
| | Planorbidae | *Gyraulus* | | | | | 15 | | 10 | | 19 | |
| | | Cladocera | | | | | | | | | | |
| | | Copepoda | | | | | | | | | | |
| | | Ostracoda | | | 4 | | | | | | | |
| | Crangonyctidae | *Crangonyx* | | | | | | | 1 | | 13 | |
| | Talitridae | *Hyalella* | | | 1 | | 9 | | 13 | | 9 | |
| | Asellidae | *Caecidotea* | | | | | 8 | | 2 | | 9 | |
| | Acari | Acari | | | | | 1 | | | | | |
| Odonata | Coenagrionidae | Coenagrionidae - early instar or damaged | | | | | | | | | | |
| | | *Enallagma* | | | | | | | 2 | | 4 | |
| Ephemeroptera | Baetidae | *Baetis tricaudatus* | | | | | | | | | | |
| | | *Centroptilum* | | | | | 1 | | 1 | | | |
| | Leptohyphidae | *Tricorythodes* | 3 | | 7 | | 63 | | 33 | | 78 | |
| Heteroptera | Corixidae | Corixidae - early instar or damaged | | | | | | | | | | |
| Megaloptera | Sialidae | *Sialis* | | | | | | | | | | |
| Trichoptera | Hydropsychidae | *Cheumatopsyche* | | | | | | | | | | |
| | | *Hydropsyche* | | | | | | | | | | |
| | Hydroptilidae | *Hydroptila* | | | | | | | | | | |
| | Leptoceridae | Leptoceridae - early instar, pupa or damaged | | | | | | | | | | |
| | | *Mystacides* | | | | | 2 | | 4 | | 3 | |
| | | *Nectopsyche* | | | | | | | | | | |
| Coleoptera | Elmidae | Elmidae - early instar | | | | | | | | | | |
| | | *Optioservus* | | | 1 | | 1 | | | | 2 | |
| | | *Zaitzevia* | | | | | | | | | | |
| | Haliplidae | *Brychius* | | | | | | | | | | |
| | | *Haliplus* | | | | | | | | | | |

| King County Sammamish River 2003 Aquatic Invertebrate Data Determinations by Rhithron Associates, Inc. | | | | P29367-8 #2 SAMMAMISH RIVER @ NE 124TH ST U/S OFF BRIDGE | | P29367-8 #3 SAMMAMISH RIVER @ NE 124TH ST U'S OFF BRIDGE | | P29367-9 #1 SAMMAMISH RIVER 116TH ST BRIDGE | | P29367-9 #2 SAMMAMISH RIVER 116TH ST BRIDGE | | P29367-9 #3 SAMMAMISH RIVER 116TH ST BRIDGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | **Site** | | | | | | | | | | |
| | | | **Sample date** | 8/27/2003 | | 8/27/2003 | | 8/27/2003 | | 8/27/2003 | | 8/27/2003 | |
| **Taxon** | | | | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? |
| Diptera | Ceratopogonidae | Ceratopogoninae | | | | | | | | | | | |
| | Empididae | *Chelifera* | | | | | | | | | | | |
| | | *Empididae* | | | | | | | | | | | |
| | | *Hemerodromia* | | | | | | | | | | | |
| | Simuliidae | *Simulium* | | | | | | | | | | | |
| | Chironomidae | Chironomidae | | | | 3 | | 4 | | 4 | | 5 | |
| | | | **TOTAL** | 39 | | 112 | | 183 | | 149 | | 275 | |

# Appendix G

Parameters Detected in Water

| Parameter | Eco | HH |
|---|---|---|
| 2,4,5-T | | X |
| 2,4,5-TP (Silvex) | | X |
| 2,4-D | | X |
| 2-Methylnaphthalene | | X |
| 2-Methylphenol | | X |
| 4-Methylphenol | | X |
| Aluminum, Dissolved, ICP-MS | | X |
| Aluminum, Total, ICP-MS | X | |
| Ammonia Nitrogen | | X |
| Antimony, Dissolved, ICP-MS | | X |
| Antimony, Total, ICP-MS | X | |
| Arsenic, Dissolved, ICP-MS | | X |
| Arsenic, Total, ICP-MS | X | |
| Barium, Dissolved, ICP-MS | | X |
| Barium, Total, ICP-MS | X | |
| Benzo(a)anthracene | | |
| Benzo(a)pyrene | | |
| Benzo(b)fluoranthene | | |
| Benzo(k)fluoranthene | | |
| Benzoic Acid | | X |
| Benzyl Butyl Phthalate | | |
| Bis(2-ethylhexyl)adipate | X | X |
| Bis(2-Ethylhexyl)Phthalate | | |
| Bisphenol A | X | X |
| Cadmium, Dissolved, ICP-MS | X | X |
| Cadmium, Total, ICP-MS | X | X |
| Caffeine | | X |
| Calcium, Dissolved, ICP | X | X |
| Calcium, Total, ICP | X | X |
| Carbaryl | X | X |
| Chromium, Dissolved, ICP-MS | | X |
| Chromium, Total, ICP-MS | | X |
| Chrysene | | |
| Cobalt, Dissolved, ICP-MS | | X |
| Cobalt, Total, ICP-MS | | X |
| Conductivity, Field | | |
| Copper, Dissolved, ICP-MS | | X |
| Copper, Total, ICP-MS | | X |
| Diazinon | | X |
| Dicamba | | X |
| Diethyl Phthalate | | |
| Di-N-Butyl Phthalate | | |
| Fluoride | X | X |
| Iron, Dissolved, ICP | | X |
| Iron, Total, ICP | | X |
| Isophorone | | |
| Lead, Dissolved, ICP-MS | | X |
| Lead, Total, ICP-MS | | X |
| Magnesium, Dissolved, ICP | X | X |
| Magnesium, Total, ICP | X | X |

Parameters Detected in Water

| Parameter | Eco | HH |
|---|---|---|
| Manganese, Dissolved, ICP-MS | X | X |
| Mercury, Dissolved, CVAF | | X |
| Mercury, Total, CVAF | | |
| Metalochlor | X | X |
| Molybdenum, Dissolved, ICP-MS | X | X |
| Molybdenum, Total, ICP-MS | X | X |
| Naphthalene | | X |
| Nickel, Dissolved, ICP-MS | | X |
| Nickel, Total, ICP-MS | | |
| Nitrate Nitrogen | | |
| Ortho Phosphorus | X | X |
| Pentachlorophenol | | |
| Phenol | X | X |
| Pyrene | | |
| Total 4-Nonylphenol | X | X |
| Vanadium, Dissolved, ICP-MS | X | X |
| Vanadium, Total, ICP-MS | X | X |
| Zinc, Dissolved, ICP-MS | | |
| Zinc, Total, ICP-MS | | X |

# Appendix E

| USGS sample # | Station | Date | Parameter | Value | Qualifier | Units |
|---|---|---|---|---|---|---|
| 1368031 | 124th Street Bridge | 9/4/2001 | 1,3-Dimethyl-2-nitrobenzene | 61 | | % |
| 1368031 | 124th Street Bridge | 9/4/2001 | 2,3,4,5-Tetrachlorophenol | 0.092 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | 2,3,4,6-Tetrachlorophenol | 0.092 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | 2,4,5-T | 0.13 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | 2,4,5-TB | 0.15 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | 2,4,5-TP (Silvex) | 0.13 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | 2,4,5-Trichlorophenol | 0.1 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | 2,4,6-Tribromophenol | 101 | | % |
| 1368031 | 124th Street Bridge | 9/4/2001 | 2,4,6-Trichlorophenol | 0.1 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | 2,4-D | 0.053 | J | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | 2,4-DB | 0.2 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | 2,4'-DDD | 0.012 | UJ | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | 2,4'-DDE | 0.012 | UJ | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | 2,4'-DDT | 0.012 | UJ | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | 2,4-Dichlorophenylacetic acid | 96 | | % |
| 1368031 | 124th Street Bridge | 9/4/2001 | 3,5-Dichlorobenzoic Acid | 0.17 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | 4,4'-DDD | 0.012 | UJ | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | 4,4'-DDE | 0.012 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | 4,4'-DDT | 0.012 | UJ | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | 4,4-Dibromooctafluorobiphenyl (DBOB) | 57 | | % |
| 1368031 | 124th Street Bridge | 9/4/2001 | 4-Nitrophenol | 0.29 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Abate (Temephos) | 0.13 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Acifluorfen (Blazer) | 0.67 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Alachlor | 0.078 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Aldrin | 0.012 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Alpha-BHC | 0.012 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Alpha-Chlordene | 0.012 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Ametryn | 0.022 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Atraton | 0.032 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Atrazine | 0.022 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Azinphos (Guthion) | 0.034 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Azinphos Ethyl | 0.034 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Benefin | 0.032 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Bentazon | 0.25 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Beta-BHC | 0.012 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Bolstar (Sulprofos) | 0.015 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Bromacil | 0.086 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Bromoxynil | 0.17 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Butachlor | 0.13 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Butylate | 0.043 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Captafol | 0.06 | UJ | ug/L |

| USGS sample # | Station | Date | Parameter | Value | Qualifier | Units |
|---|---|---|---|---|---|---|
| 1368031 | 124th Street Bridge | 9/4/2001 | Captan | 0.033 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Carbophenothion | 0.022 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Carboxin | 0.13 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Chlorothalonil (Daconil) | 0.052 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Chlorpropham | 0.086 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Chlorpyriphos | 0.017 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Cis-Chlordane (Alpha-Chlordane) | 0.012 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Cis-Nonachlor | 0.012 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Coumaphos | 0.026 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Cyanazine | 0.032 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Cycloate | 0.043 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Dacthal (DCPA) | 0.13 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | DDMU | 0.012 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Decachlorobiphenyl | 93 | | % |
| 1368031 | 124th Street Bridge | 9/4/2001 | Delta-BHC | 0.012 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Demeton-O | 0.015 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Demeton-S | 0.015 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Di-allate (Avadex) | 0.15 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Diazinon | 0.017 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Dicamba I | 0.003 | J | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Dichlobenil | 0.043 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Dichlorprop | 0.18 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Dichlorvos (DDVP) | 0.017 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Diclofop-Methyl | 0.25 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Dieldrin | 0.012 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Dimethoate | 0.017 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Dinoseb | 0.25 | UJ | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Dioxathion | 0.037 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Diphenamid | 0.065 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Disulfoton (Di-Syston) | 0.013 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Diuron | 0.13 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Endosulfan I | 0.012 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Endosulfan II | 0.012 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Endosulfan Sulfate | 0.012 | UJ | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Endrin | 0.012 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Endrin Aldehyde | 0.012 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Endrin Ketone | 0.012 | UJ | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | EPN | 0.022 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Eptam | 0.043 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Ethalfluralin (Sonalan) | 0.032 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Ethion | 0.015 | U | ug/L |

| USGS sample # | Station | Date | Parameter | Value | Qualifier | Units |
|---|---|---|---|---|---|---|
| 1368031 | 124th Street Bridge | 9/4/2001 | Ethoprop | 0.017 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Fenamiphos | 0.032 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Fenarimol | 0.065 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Fenitrothion | 0.015 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Fensulfothion | 0.022 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Fenthion | 0.015 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Fluridone | 0.13 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Fonofos | 0.013 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Gamma-BHC (Lindane) | 0.012 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Gamma-Chlordene | 0.012 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Heptachlor | 0.012 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Heptachlor Epoxide | 0.012 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Hexazinone | 0.032 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Imidan | 0.024 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Ioxynil | 0.17 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Kelthane | 0.048 | UJ | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Malathion | 0.017 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | MCPA | 0.33 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | MCPP (Mecoprop) | 0.0063 | J | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Merphos (1 & 2) | 0.026 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Metalaxyl | 0.13 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Methoxychlor | 0.012 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Methyl Chlorpyrifos | 0.017 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Methyl Paraoxon | 0.039 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Methyl Parathion | 0.015 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Metolachlor | 0.086 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Metribuzin | 0.022 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Mevinphos | 0.022 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | MGK264 | 0.17 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Mirex | 0.012 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Molinate | 0.043 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Napropamide | 0.065 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Norflurazon | 0.043 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Oxychlordane | 0.012 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Oxyfluorfen | 0.086 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Parathion | 0.017 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Pebulate | 0.043 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Pendimethalin | 0.032 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Pentachlorophenol | 0.084 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Phorate | 0.015 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Phosphamidan | 0.052 | U | ug/L |

| USGS sample # | Station | Date | Parameter | Value | Qualifier | Units |
|---|---|---|---|---|---|---|
| 1368031 | 124th Street Bridge | 9/4/2001 | Picloram | 0.17 | UJ | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Profluralin | 0.052 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Prometon (Pramitol 5p) | 0.022 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Prometryn | 0.022 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Pronamide (Kerb) | 0.086 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Propachlor (Ramrod) | 0.052 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Propazine | 0.022 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Propetamphos | 0.043 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Ronnel | 0.015 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Simazine | 0.022 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Sulfotepp | 0.013 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Tebuthiuron | 0.032 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Terbacil | 0.065 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Terbutryn (Igran) | 0.022 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Tetrachloro-m-xylene | 54 | | % |
| 1368031 | 124th Street Bridge | 9/4/2001 | Tetrachlorvinphos (Gardona) | 0.043 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Trans-Chlordane (Gamma) | 0.012 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Trans-Nonachlor | 0.012 | UJ | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Treflan (Trifluralin) | 0.032 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Triadimefon | 0.056 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Triallate | 0.065 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Tribufos (DEF) | 0.03 | U | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Trichlopyr | 0.0053 | J | ug/L |
| 1368031 | 124th Street Bridge | 9/4/2001 | Triphenyl Phosphate | 103 | | % |
| 1368031 | 124th Street Bridge | 9/4/2001 | Vernolate | 0.043 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | 1,3-Dimethyl-2-nitrobenzene | 46 | | % |
| 1368033 | 145th Street Bridge | 9/4/2001 | 2,3,4,5-Tetrachlorophenol | 0.092 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | 2,3,4,6-Tetrachlorophenol | 0.092 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | 2,4,5-T | 0.13 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | 2,4,5-TB | 0.15 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | 2,4,5-TP (Silvex) | 0.13 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | 2,4,5-Trichlorophenol | 0.1 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | 2,4,6-Tribromophenol | 102 | | % |
| 1368033 | 145th Street Bridge | 9/4/2001 | 2,4,6-Trichlorophenol | 0.1 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | 2,4-D | 0.051 | J | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | 2,4-DB | 0.2 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | 2,4'-DDD | 0.012 | UJ | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | 2,4'-DDE | 0.012 | UJ | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | 2,4'-DDT | 0.012 | UJ | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | 2,4-Dichlorophenylacetic acid | 102 | | % |
| 1368033 | 145th Street Bridge | 9/4/2001 | 3,5-Dichlorobenzoic Acid | 0.17 | U | ug/L |

| USGS sample # | Station | Date | Parameter | Value | Qualifier | Units |
|---|---|---|---|---|---|---|
| 1368033 | 145th Street Bridge | 9/4/2001 | 4,4'-DDD | 0.012 | UJ | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | 4,4'-DDE | 0.012 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | 4,4'-DDT | 0.012 | UJ | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | 4,4-Dibromooctafluorobiphenyl (DBOB) | 40 | | % |
| 1368033 | 145th Street Bridge | 9/4/2001 | 4-Nitrophenol | 0.032 | J | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Abate (Temephos) | 0.13 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Acifluorfen (Blazer) | 0.67 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Alachlor | 0.075 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Aldrin | 0.012 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Alpha-BHC | 0.012 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Alpha-Chlordene | 0.012 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Ametryn | 0.021 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Atraton | 0.031 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Atrazine | 0.021 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Azinphos (Guthion) | 0.033 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Azinphos Ethyl | 0.033 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Benefin | 0.031 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Bentazon | 0.25 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Beta-BHC | 0.012 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Bolstar (Sulprofos) | 0.015 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Bromacil | 0.083 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Bromoxynil | 0.17 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Butachlor | 0.13 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Butylate | 0.042 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Captafol | 0.058 | UJ | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Captan | 0.032 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Carbophenothion | 0.021 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Carboxin | 0.13 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Chlorothalonil (Daconil) | 0.05 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Chlorpropham | 0.083 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Chlorpyriphos | 0.017 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Cis-Chlordane (Alpha-Chlordane) | 0.012 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Cis-Nonachlor | 0.012 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Coumaphos | 0.025 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Cyanazine | 0.031 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Cycloate | 0.042 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Dacthal (DCPA) | 0.13 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | DDMU | 0.012 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Decachlorobiphenyl | 91 | | % |
| 1368033 | 145th Street Bridge | 9/4/2001 | Delta-BHC | 0.012 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Demeton-O | 0.015 | U | ug/L |

| USGS sample # | Station | Date | Parameter | Value | Qualifier | Units |
|---|---|---|---|---|---|---|
| 1368033 | 145th Street Bridge | 9/4/2001 | Demeton-S | 0.015 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Di-allate (Avadex) | 0.15 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Diazinon | 0.017 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Dicamba I | 0.17 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Dichlobenil | 0.042 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Dichlorprop | 0.18 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Dichlorvos (DDVP) | 0.017 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Diclofop-Methyl | 0.25 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Dieldrin | 0.012 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Dimethoate | 0.017 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Dinoseb | 0.25 | UJ | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Dioxathion | 0.035 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Diphenamid | 0.063 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Disulfoton (Di-Syston) | 0.013 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Diuron | 0.13 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Endosulfan I | 0.012 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Endosulfan II | 0.012 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Endosulfan Sulfate | 0.012 | UJ | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Endrin | 0.012 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Endrin Aldehyde | 0.012 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Endrin Ketone | 0.012 | UJ | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | EPN | 0.021 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Eptam | 0.042 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Ethalfluralin (Sonalan) | 0.031 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Ethion | 0.015 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Ethoprop | 0.017 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Fenamiphos | 0.031 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Fenarimol | 0.063 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Fenitrothion | 0.015 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Fensulfothion | 0.021 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Fenthion | 0.015 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Fluridone | 0.13 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Fonofos | 0.013 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Gamma-BHC (Lindane) | 0.012 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Gamma-Chlordene | 0.012 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Heptachlor | 0.012 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Heptachlor Epoxide | 0.012 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Hexazinone | 0.031 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Imidan | 0.023 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Ioxynil | 0.17 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Kelthane | 0.047 | UJ | ug/L |

| USGS sample # | Station | Date | Parameter | Value | Qualifier | Units |
|---|---|---|---|---|---|---|
| 1368033 | 145th Street Bridge | 9/4/2001 | Malathion | 0.017 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | MCPA | 0.33 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | MCPP (Mecoprop) | 0.006 | J | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Merphos (1 & 2) | 0.025 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Metalaxyl | 0.13 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Methoxychlor | 0.012 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Methyl Chlorpyrifos | 0.017 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Methyl Paraoxon | 0.038 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Methyl Parathion | 0.015 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Metolachlor | 0.083 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Metribuzin | 0.021 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Mevinphos | 0.021 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | MGK264 | 0.17 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Mirex | 0.012 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Molinate | 0.042 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Napropamide | 0.063 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Norflurazon | 0.042 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Oxychlordane | 0.012 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Oxyfluorfen | 0.083 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Parathion | 0.017 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Pebulate | 0.042 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Pendimethalin | 0.031 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Pentachlorophenol | 0.084 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Phorate | 0.015 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Phosphamidan | 0.05 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Picloram | 0.17 | UJ | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Profluralin | 0.05 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Prometon (Pramitol 5p) | 0.021 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Prometryn | 0.021 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Pronamide (Kerb) | 0.083 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Propachlor (Ramrod) | 0.05 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Propazine | 0.021 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Propetamphos | 0.042 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Ronnel | 0.015 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Simazine | 0.021 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Sulfotepp | 0.013 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Tebuthiuron | 0.031 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Terbacil | 0.063 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Terbutryn (Igran) | 0.021 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Tetrachloro-m-xylene | 56 | | % |
| 1368033 | 145th Street Bridge | 9/4/2001 | Tetrachlorvinphos (Gardona) | 0.042 | U | ug/L |

| USGS sample # | Station | Date | Parameter | Value | Qualifier | Units |
|---|---|---|---|---|---|---|
| 1368033 | 145th Street Bridge | 9/4/2001 | Trans-Chlordane (Gamma) | 0.012 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Trans-Nonachlor | 0.012 | UJ | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Treflan (Trifluralin) | 0.031 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Triadimefon | 0.054 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Triallate | 0.063 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Tribufos (DEF) | 0.029 | U | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Trichlopyr | 0.012 | J | ug/L |
| 1368033 | 145th Street Bridge | 9/4/2001 | Triphenyl Phosphate | 68 | | % |
| 1368033 | 145th Street Bridge | 9/4/2001 | Vernolate | 0.042 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | 1,3-Dimethyl-2-nitrobenzene | 59 | | % |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | 2,3,4,5-Tetrachlorophenol | 0.09 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | 2,3,4,6-Tetrachlorophenol | 0.09 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | 2,4,5-T | 0.13 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | 2,4,5-TB | 0.15 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | 2,4,5-TP (Silvex) | 0.13 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | 2,4,5-Trichlorophenol | 0.099 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | 2,4,6-Tribromophenol | 110 | | % |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | 2,4,6-Trichlorophenol | 0.099 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | 2,4-D | 0.042 | J | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | 2,4-DB | 0.2 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | 2,4'-DDD | 0.011 | UJ | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | 2,4'-DDE | 0.011 | UJ | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | 2,4'-DDT | 0.011 | UJ | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | 2,4-Dichlorophenylacetic acid | 114 | | % |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | 3,5-Dichlorobenzoic Acid | 0.16 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | 4,4'-DDD | 0.011 | UJ | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | 4,4'-DDE | 0.011 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | 4,4'-DDT | 0.011 | UJ | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | 4,4-Dibromooctafluorobiphenyl (DBOB) | 44 | | % |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | 4-Nitrophenol | 0.29 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Abate (Temephos) | 0.12 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Acifluorfen (Blazer) | 0.66 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Alachlor | 0.071 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Aldrin | 0.011 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Alpha-BHC | 0.011 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Alpha-Chlordene | 0.011 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Ametryn | 0.02 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Atraton | 0.03 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Atrazine | 0.02 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Azinphos (Guthion) | 0.031 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Azinphos Ethyl | 0.031 | U | ug/L |

| USGS sample # | Station | Date | Parameter | Value | Qualifier | Units |
|---|---|---|---|---|---|---|
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Benefin | 0.03 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Bentazon | 0.25 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Beta-BHC | 0.011 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Bolstar (Sulprofos) | 0.014 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Bromacil | 0.079 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Bromoxynil | 0.16 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Butachlor | 0.12 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Butylate | 0.039 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Captafol | 0.055 | UJ | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Captan | 0.03 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Carbophenothion | 0.02 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Carboxin | 0.12 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Chlorothalonil (Daconil) | 0.047 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Chlorpropham | 0.079 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Chlorpyriphos | 0.016 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Cis-Chlordane (Alpha-Chlordane) | 0.011 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Cis-Nonachlor | 0.011 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Coumaphos | 0.024 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Cyanazine | 0.03 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Cycloate | 0.039 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Dacthal (DCPA) | 0.13 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | DDMU | 0.011 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Decachlorobiphenyl | 89 | | % |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Delta-BHC | 0.011 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Demeton-O | 0.014 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Demeton-S | 0.014 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Di-allate (Avadex) | 0.14 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Diazinon | 0.016 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Dicamba I | 0.16 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Dichlobenil | 0.039 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Dichlorprop | 0.18 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Dichlorvos (DDVP) | 0.016 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Diclofop-Methyl | 0.25 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Dieldrin | 0.011 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Dimethoate | 0.016 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Dinoseb | 0.25 | UJ | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Dioxathion | 0.033 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Diphenamid | 0.059 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Disulfoton (Di-Syston) | 0.012 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Diuron | 0.12 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Endosulfan I | 0.011 | U | ug/L |

| USGS sample # | Station | Date | Parameter | Value | Qualifier | Units |
|---|---|---|---|---|---|---|
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Endosulfan II | 0.011 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Endosulfan Sulfate | 0.011 | UJ | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Endrin | 0.011 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Endrin Aldehyde | 0.011 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Endrin Ketone | 0.011 | UJ | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | EPN | 0.02 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Eptam | 0.039 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Ethalfluralin (Sonalan) | 0.03 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Ethion | 0.014 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Ethoprop | 0.016 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Fenamiphos | 0.03 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Fenarimol | 0.059 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Fenitrothion | 0.014 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Fensulfothion | 0.02 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Fenthion | 0.014 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Fluridone | 0.12 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Fonofos | 0.012 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Gamma-BHC (Lindane) | 0.011 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Gamma-Chlordene | 0.011 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Heptachlor | 0.011 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Heptachlor Epoxide | 0.011 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Hexazinone | 0.03 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Imidan | 0.022 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Ioxynil | 0.16 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Kelthane | 0.044 | UJ | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Malathion | 0.016 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | MCPA | 0.33 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | MCPP (Mecoprop) | 0.0062 | J | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Merphos (1 & 2) | 0.024 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Metalaxyl | 0.12 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Methoxychlor | 0.011 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Methyl Chlorpyrifos | 0.016 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Methyl Paraoxon | 0.035 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Methyl Parathion | 0.014 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Metolachlor | 0.079 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Metribuzin | 0.02 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Mevinphos | 0.02 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | MGK264 | 0.16 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Mirex | 0.011 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Molinate | 0.039 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Napropamide | 0.059 | U | ug/L |

| USGS sample # | Station | Date | Parameter | Value | Qualifier | Units |
|---|---|---|---|---|---|---|
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Norflurazon | 0.039 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Oxychlordane | 0.011 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Oxyfluorfen | 0.079 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Parathion | 0.016 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Pebulate | 0.039 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Pendimethalin | 0.03 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Pentachlorophenol | 0.082 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Phorate | 0.014 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Phosphamidan | 0.047 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Picloram | 0.16 | UJ | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Profluralin | 0.047 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Prometon (Pramitol 5p) | 0.02 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Prometryn | 0.02 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Pronamide (Kerb) | 0.079 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Propachlor (Ramrod) | 0.047 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Propazine | 0.02 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Propetamphos | 0.039 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Ronnel | 0.014 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Simazine | 0.02 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Sulfotepp | 0.012 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Tebuthiuron | 0.03 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Terbacil | 0.059 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Terbutryn (Igran) | 0.02 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Tetrachloro-m-xylene | 60 | | % |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Tetrachlorvinphos (Gardona) | 0.039 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Trans-Chlordane (Gamma) | 0.011 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Trans-Nonachlor | 0.011 | UJ | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Treflan (Trifluralin) | 0.03 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Triadimefon | 0.051 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Triallate | 0.059 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Tribufos (DEF) | 0.028 | U | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Trichlopyr | 0.0098 | J | ug/L |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Triphenyl Phosphate | 114 | | % |
| 1368034 | Bothell Landing Park Bridge | 9/4/2001 | Vernolate | 0.039 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | 1,3-Dimethyl-2-nitrobenzene | 60 | | % |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | 2,3,4,5-Tetrachlorophenol | 0.099 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | 2,3,4,6-Tetrachlorophenol | 0.099 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | 2,4,5-T | 0.14 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | 2,4,5-TB | 0.16 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | 2,4,5-TP (Silvex) | 0.14 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | 2,4,5-Trichlorophenol | 0.11 | U | ug/L |

| USGS sample # | Station | Date | Parameter | Value | Qualifier | Units |
|---|---|---|---|---|---|---|
| 1368035 | Marymoor Park Bridge | 9/4/2001 | 2,4,6-Tribromophenol | 110 | | % |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | 2,4,6-Trichlorophenol | 0.11 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | 2,4-D | 0.094 | J | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | 2,4-DB | 0.21 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | 2,4'-DDD | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | 2,4'-DDE | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | 2,4'-DDT | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | 2,4-Dichlorophenylacetic acid | 104 | | % |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | 3,5-Dichlorobenzoic Acid | 0.18 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | 4,4'-DDD | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | 4,4'-DDE | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | 4,4'-DDT | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | 4,4-Dibromooctafluorobiphenyl (DBOB) | 82 | | % |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | 4-Nitrophenol | 0.035 | J | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Abate (Temephos) | 0.12 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Acifluorfen (Blazer) | 0.71 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Alachlor | 0.071 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Aldrin | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Alpha-BHC | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Alpha-Chlordene | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Ametryn | 0.02 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Atraton | 0.03 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Atrazine | 0.02 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Azinphos (Guthion) | 0.032 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Azinphos Ethyl | 0.032 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Benefin | 0.03 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Bentazon | 0.27 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Beta-BHC | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Bolstar (Sulprofos) | 0.014 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Bromacil | 0.079 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Bromoxynil | 0.18 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Butachlor | 0.12 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Butylate | 0.04 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Captafol | 0.056 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Captan | 0.03 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Carbophenothion | 0.02 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Carboxin | 0.12 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Chlordane (technical) | 0 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Chlorothalonil (Daconil) | 0.048 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Chlorpropham | 0.079 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Chlorpyriphos | 0.016 | U | ug/L |

| USGS sample # | Station | Date | Parameter | Value | Qualifier | Units |
|---|---|---|---|---|---|---|
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Cis-Chlordane (Alpha-Chlordane) | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Cis-Nonachlor | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Coumaphos | 0.024 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Cyanazine | 0.03 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Cycloate | 0.04 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Dacthal (DCPA) | 0.14 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | DDMU | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Decachlorobiphenyl | 101 | | % |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Delta-BHC | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Demeton-O | 0.014 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Demeton-S | 0.014 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Di-allate (Avadex) | 0.14 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Diazinon | 0.016 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Dicamba I | 0.18 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Dichlobenil | 0.04 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Dichlorprop | 0.2 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Dichlorvos (DDVP) | 0.016 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Diclofop-Methyl | 0.27 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Dieldrin | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Dimethoate | 0.016 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Dinoseb | 0.27 | UJ | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Dioxathion | 0.034 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Diphenamid | 0.06 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Disulfoton (Di-Syston) | 0.012 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Diuron | 0.12 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Endosulfan I | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Endosulfan II | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Endosulfan Sulfate | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Endrin | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Endrin Aldehyde | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Endrin Ketone | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | EPN | 0.02 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Eptam | 0.04 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Ethalfluralin (Sonalan) | 0.03 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Ethion | 0.014 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Ethoprop | 0.016 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Fenamiphos | 0.03 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Fenarimol | 0.06 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Fenitrothion | 0.014 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Fensulfothion | 0.02 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Fenthion | 0.014 | U | ug/L |

| USGS sample # | Station | Date | Parameter | Value | Qualifier | Units |
|---|---|---|---|---|---|---|
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Fluridone | 0.12 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Fonofos | 0.012 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Gamma-BHC (Lindane) | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Gamma-Chlordene | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Heptachlor | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Heptachlor Epoxide | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Hexazinone | 0.03 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Imidan | 0.022 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Ioxynil | 0.18 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Kelthane | 0.044 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Malathion | 0.016 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | MCPA | 0.36 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | MCPP (Mecoprop) | 0.028 | J | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Merphos (1 & 2) | 0.024 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Metalaxyl | 0.12 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Methoxychlor | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Methyl Chlorpyrifos | 0.016 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Methyl Paraoxon | 0.036 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Methyl Parathion | 0.014 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Metolachlor | 0.079 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Metribuzin | 0.02 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Mevinphos | 0.02 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | MGK264 | 0.16 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Mirex | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Molinate | 0.04 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Napropamide | 0.06 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Norflurazon | 0.04 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Oxychlordane | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Oxyfluorfen | 0.079 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Parathion | 0.016 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Pebulate | 0.04 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Pendimethalin | 0.03 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Pentachlorophenol | 0.09 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Phorate | 0.014 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Phosphamidan | 0.048 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Picloram | 0.18 | UJ | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Profluralin | 0.048 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Prometon (Pramitol 5p) | 0.02 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Prometryn | 0.02 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Pronamide (Kerb) | 0.079 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Propachlor (Ramrod) | 0.048 | U | ug/L |

| USGS sample # | Station | Date | Parameter | Value | Qualifier | Units |
|---|---|---|---|---|---|---|
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Propazine | 0.02 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Propetamphos | 0.04 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Ronnel | 0.014 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Simazine | 0.02 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Sulfotepp | 0.012 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Tebuthiuron | 0.03 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Terbacil | 0.06 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Terbutryn (Igran) | 0.02 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Tetrachloro-m-xylene | 81 | | % |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Tetrachlorvinphos (Gardona) | 0.04 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Toxaphene | 0.33 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Trans-Chlordane (Gamma) | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Trans-Nonachlor | 0.011 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Treflan (Trifluralin) | 0.03 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Triadimefon | 0.052 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Triallate | 0.06 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Tribufos (DEF) | 0.028 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Trichlopyr | 0.15 | U | ug/L |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Triphenyl Phosphate | 107 | | % |
| 1368035 | Marymoor Park Bridge | 9/4/2001 | Vernolate | 0.04 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | 1,3-Dimethyl-2-nitrobenzene | 55 | | % |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | 2,3,4,5-Tetrachlorophenol | 0.089 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | 2,3,4,6-Tetrachlorophenol | 0.089 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | 2,4,5-T | 0.13 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | 2,4,5-TB | 0.15 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | 2,4,5-TP (Silvex) | 0.13 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | 2,4,5-Trichlorophenol | 0.097 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | 2,4,6-Tribromophenol | 104 | | % |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | 2,4,6-Trichlorophenol | 0.097 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | 2,4-D | 0.084 | J | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | 2,4-DB | 0.19 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | 2,4'-DDD | 0.011 | UJ | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | 2,4'-DDE | 0.011 | UJ | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | 2,4'-DDT | 0.011 | UJ | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | 2,4-Dichlorophenylacetic acid | 95 | | % |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | 3,5-Dichlorobenzoic Acid | 0.16 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | 4,4'-DDD | 0.011 | UJ | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | 4,4'-DDE | 0.011 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | 4,4'-DDT | 0.011 | UJ | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | 4,4-Dibromooctafluorobiphenyl (DBOB) | 34 | | % |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | 4-Nitrophenol | 0.28 | U | ug/L |

| USGS sample # | Station | Date | Parameter | Value | Qualifier | Units |
|---|---|---|---|---|---|---|
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Abate (Temephos) | 0.12 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Acifluorfen (Blazer) | 0.65 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Alachlor | 0.071 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Aldrin | 0.011 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Alpha-BHC | 0.011 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Alpha-Chlordene | 0.011 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Ametryn | 0.02 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Atraton | 0.03 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Atrazine | 0.02 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Azinphos (Guthion) | 0.032 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Azinphos Ethyl | 0.032 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Benefin | 0.03 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Bentazon | 0.24 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Beta-BHC | 0.011 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Bolstar (Sulprofos) | 0.014 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Bromacil | 0.079 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Bromoxynil | 0.16 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Butachlor | 0.12 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Butylate | 0.04 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Captafol | 0.056 | UJ | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Captan | 0.03 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Carbophenothion | 0.02 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Carboxin | 0.12 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Chlorothalonil (Daconil) | 0.048 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Chlorpropham | 0.079 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Chlorpyriphos | 0.016 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Cis-Chlordane (Alpha-Chlordane) | 0.011 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Cis-Nonachlor | 0.011 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Coumaphos | 0.024 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Cyanazine | 0.03 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Cycloate | 0.04 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Dacthal (DCPA) | 0.13 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | DDMU | 0.011 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Decachlorobiphenyl | 86 | | % |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Delta-BHC | 0.011 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Demeton-O | 0.014 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Demeton-S | 0.014 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Di-allate (Avadex) | 0.14 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Diazinon | 0.016 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Dicamba I | 0.025 | J | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Dichlobenil | 0.04 | U | ug/L |

| USGS sample # | Station | Date | Parameter | Value | Qualifier | Units |
|---|---|---|---|---|---|---|
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Dichlorprop | 0.18 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Dichlorvos (DDVP) | 0.016 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Diclofop-Methyl | 0.24 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Dieldrin | 0.011 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Dimethoate | 0.016 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Dinoseb | 0.24 | UJ | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Dioxathion | 0.034 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Diphenamid | 0.06 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Disulfoton (Di-Syston) | 0.012 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Diuron | 0.12 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Endosulfan I | 0.011 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Endosulfan II | 0.011 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Endosulfan Sulfate | 0.011 | UJ | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Endrin | 0.011 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Endrin Aldehyde | 0.011 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Endrin Ketone | 0.011 | UJ | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | EPN | 0.02 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Eptam | 0.04 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Ethalfluralin (Sonalan) | 0.03 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Ethion | 0.014 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Ethoprop | 0.016 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Fenamiphos | 0.03 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Fenarimol | 0.06 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Fenitrothion | 0.014 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Fensulfothion | 0.02 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Fenthion | 0.014 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Fluridone | 0.12 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Fonofos | 0.012 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Gamma-BHC (Lindane) | 0.011 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Gamma-Chlordene | 0.011 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Heptachlor | 0.011 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Heptachlor Epoxide | 0.011 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Hexazinone | 0.03 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Imidan | 0.022 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Ioxynil | 0.16 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Kelthane | 0.044 | UJ | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Malathion | 0.016 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | MCPA | 0.32 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | MCPP (Mecoprop) | 0.0071 | J | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Merphos (1 & 2) | 0.024 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Metalaxyl | 0.12 | U | ug/L |

| USGS sample # | Station | Date | Parameter | Value | Qualifier | Units |
|---|---|---|---|---|---|---|
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Methoxychlor | 0.011 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Methyl Chlorpyrifos | 0.016 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Methyl Paraoxon | 0.036 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Methyl Parathion | 0.014 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Metolachlor | 0.079 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Metribuzin | 0.02 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Mevinphos | 0.02 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | MGK264 | 0.16 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Mirex | 0.011 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Molinate | 0.04 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Napropamide | 0.06 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Norflurazon | 0.04 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Oxychlordane | 0.011 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Oxyfluorfen | 0.079 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Parathion | 0.016 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Pebulate | 0.04 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Pendimethalin | 0.03 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Pentachlorophenol | 0.081 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Phorate | 0.014 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Phosphamidan | 0.048 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Picloram | 0.16 | UJ | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Profluralin | 0.048 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Prometon (Pramitol 5p) | 0.02 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Prometryn | 0.02 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Pronamide (Kerb) | 0.079 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Propachlor (Ramrod) | 0.048 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Propazine | 0.02 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Propetamphos | 0.04 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Ronnel | 0.014 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Simazine | 0.02 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Sulfotepp | 0.012 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Tebuthiuron | 0.03 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Terbacil | 0.06 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Terbutryn (Igran) | 0.02 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Tetrachloro-m-xylene | 40 | | % |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Tetrachlorvinphos (Gardona) | 0.04 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Trans-Chlordane (Gamma) | 0.011 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Trans-Nonachlor | 0.011 | UJ | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Treflan (Trifluralin) | 0.03 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Triadimefon | 0.052 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Triallate | 0.06 | U | ug/L |

| USGS sample # | Station | Date | Parameter | Value | Qualifier | Units |
|---|---|---|---|---|---|---|
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Tribufos (DEF) | 0.028 | U | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Trichlopyr | 0.047 | J | ug/L |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Triphenyl Phosphate | 99 | | % |
| 1368030 | Unnamed Tributary at 124th Street | 9/4/2001 | Vernolate | 0.04 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | 1,3-Dimethyl-2-nitrobenzene | 46 | | % |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | 2,3,4,5-Tetrachlorophenol | 0.092 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | 2,3,4,6-Tetrachlorophenol | 0.092 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | 2,4,5-T | 0.13 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | 2,4,5-TB | 0.15 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | 2,4,5-TP (Silvex) | 0.13 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | 2,4,5-Trichlorophenol | 0.1 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | 2,4,6-Tribromophenol | 103 | | % |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | 2,4,6-Trichlorophenol | 0.1 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | 2,4-DB | 0.2 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | 2,4'-DDD | 0.012 | UJ | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | 2,4'-DDE | 0.012 | UJ | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | 2,4'-DDT | 0.012 | UJ | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | 2,4-Dichlorophenylacetic acid | 98 | | % |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | 3,5-Dichlorobenzoic Acid | 0.17 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | 4,4'-DDD | 0.012 | UJ | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | 4,4'-DDE | 0.012 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | 4,4'-DDT | 0.012 | UJ | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | 4,4-Dibromooctafluorobiphenyl (DBOB) | 57 | | % |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | 4-Nitrophenol | 0.054 | J | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Abate (Temephos) | 0.13 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Acifluorfen (Blazer) | 0.67 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Alachlor | 0.075 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Aldrin | 0.012 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Alpha-BHC | 0.012 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Alpha-Chlordene | 0.012 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Ametryn | 0.021 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Atraton | 0.031 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Atrazine | 0.021 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Azinphos (Guthion) | 0.033 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Azinphos Ethyl | 0.033 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Benefin | 0.031 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Bentazon | 0.25 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Beta-BHC | 0.012 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Bolstar (Sulprofos) | 0.015 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Bromacil | 0.083 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Bromoxynil | 0.17 | U | ug/L |

| USGS sample # | Station | Date | Parameter | Value | Qualifier | Units |
|---|---|---|---|---|---|---|
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Butachlor | 0.13 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Butylate | 0.042 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Captafol | 0.058 | UJ | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Captan | 0.032 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Carbophenothion | 0.021 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Carboxin | 0.13 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Chlorothalonil (Daconil) | 0.05 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Chlorpropham | 0.083 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Chlorpyriphos | 0.017 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Cis-Chlordane (Alpha-Chlordane) | 0.012 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Cis-Nonachlor | 0.012 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Coumaphos | 0.025 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Cyanazine | 0.031 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Cycloate | 0.042 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Dacthal (DCPA) | 0.13 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | DDMU | 0.012 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Decachlorobiphenyl | 99 | | % |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Delta-BHC | 0.012 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Demeton-O | 0.015 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Demeton-S | 0.015 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Di-allate (Avadex) | 0.15 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Diazinon | 0.017 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Dicamba I | 0.17 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Dichlobenil | 0.042 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Dichlorprop | 0.18 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Dichlorvos (DDVP) | 0.017 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Diclofop-Methyl | 0.25 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Dieldrin | 0.012 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Dimethoate | 0.017 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Dinoseb | 0.25 | UJ | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Dioxathion | 0.035 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Diphenamid | 0.063 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Disulfoton (Di-Syston) | 0.013 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Diuron | 0.13 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Endosulfan I | 0.012 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Endosulfan II | 0.012 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Endosulfan Sulfate | 0.012 | UJ | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Endrin | 0.012 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Endrin Aldehyde | 0.012 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Endrin Ketone | 0.012 | UJ | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | EPN | 0.021 | U | ug/L |

| USGS sample # | Station | Date | Parameter | Value | Qualifier | Units |
|---|---|---|---|---|---|---|
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Eptam | 0.042 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Ethalfluralin (Sonalan) | 0.031 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Ethion | 0.015 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Ethoprop | 0.017 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Fenamiphos | 0.031 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Fenarimol | 0.063 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Fenitrothion | 0.015 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Fensulfothion | 0.021 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Fenthion | 0.015 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Fluridone | 0.13 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Fonofos | 0.013 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Gamma-BHC (Lindane) | 0.012 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Gamma-Chlordene | 0.012 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Heptachlor | 0.012 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Heptachlor Epoxide | 0.012 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Hexazinone | 0.031 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Imidan | 0.023 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Ioxynil | 0.17 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Kelthane | 0.047 | UJ | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Malathion | 0.017 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | MCPA | 0.33 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | MCPP (Mecoprop) | 0.33 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Merphos (1 & 2) | 0.025 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Metalaxyl | 0.13 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Methoxychlor | 0.012 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Methyl Chlorpyrifos | 0.017 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Methyl Paraoxon | 0.038 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Methyl Parathion | 0.015 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Metolachlor | 0.083 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Metribuzin | 0.021 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Mevinphos | 0.021 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | MGK264 | 0.17 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Mirex | 0.012 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Molinate | 0.042 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Napropamide | 0.063 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Norflurazon | 0.042 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Oxychlordane | 0.012 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Oxyfluorfen | 0.083 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Parathion | 0.017 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Pebulate | 0.042 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Pendimethalin | 0.031 | U | ug/L |

| USGS sample # | Station | Date | Parameter | Value | Qualifier | Units |
|---|---|---|---|---|---|---|
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Pentachlorophenol | 0.084 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Phorate | 0.015 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Phosphamidan | 0.05 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Picloram | 0.17 | UJ | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Profluralin | 0.05 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Prometon (Pramitol 5p) | 0.021 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Prometryn | 0.021 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Pronamide (Kerb) | 0.083 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Propachlor (Ramrod) | 0.05 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Propazine | 0.021 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Propetamphos | 0.042 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Ronnel | 0.015 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Simazine | 0.021 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Sulfotepp | 0.013 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Tebuthiuron | 0.031 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Terbacil | 0.063 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Terbutryn (Igran) | 0.021 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Tetrachloro-m-xylene | 52 | | % |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Tetrachlorvinphos (Gardona) | 0.042 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Trans-Chlordane (Gamma) | 0.012 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Trans-Nonachlor | 0.012 | UJ | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Treflan (Trifluralin) | 0.031 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Triadimefon | 0.054 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Triallate | 0.063 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Tribufos (DEF) | 0.029 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Trichlopyr | 0.14 | U | ug/L |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Triphenyl Phosphate | 68 | | % |
| 1368032 | Unnamed Tributary at 145th Street | 9/4/2001 | Vernolate | 0.042 | U | ug/L |

U = not detected above MDL
J = estimated

# Appendix F

| King County Sammamish River 2003 Aquatic Invertebrate Data Determinations by Rhithron Associates, Inc. | | Site | P29367-1 #1 SAMMAMISH RIVER @ BOTHELL LANDING BRIDGE | | P29367-1 #2 SAMMAMISH RIVER @BOTHELL LANDING BRIDGE | | P29367-1 #3 SAMMAMISH RIVER @ BOTHELL LANDING BRIDGE | | P29367-10 #1 SAMMAMISH RIVER 90TH ST BRIDGE | | P29367-10 #2 SAMMAMISH RIVER 90TH ST BRIDGE | | P29367-10 #3 SAMMAMISH RIVER 90TH ST BRIDGE | | P29367-11 #1 SAMMAMISH RIVER BELOW MOUTH OF BEAR CREEK | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sample date | 9/2/2003 | | 9/2/2003 | | 9/2/2003 | | 8/26/2003 | | 8/26/2003 | | 8/26/2003 | | 8/26/2003 | |
| | | Taxon | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? |
| Non-insect taxa | | Turbellaria | | | | | | | | | | | | | | |
| | | Nematoda | 1 | | | | | | | | 1 | | | | 3 | |
| | | Oligochaeta | 49 | | 31 | | 31 | | 9 | | 13 | | 5 | | 15 | |
| | Glossiphoniidae | *Helobdella* | | | | | | | | | 1 | | 2 | | | |
| | | *Helobdella stagnalis* | | | | | | | | | 1 | | | | | |
| | | *Placobdella* | | | | | | | | | | | | | | |
| | Corbiculidae | *Corbicula* | 24 | | 15 | | 19 | | 2 | | | | 2 | | 2 | |
| | Pisidiidae | Pisidiidae | 45 | | 54 | | 14 | | 35 | | 341 | | 91 | | | |
| | Ancylidae | *Ferrissia* | | | | | | | | | 3 | | 3 | | 1 | |
| | Physidae | Physidae | | | | | | | | | | | | | | |
| | Planorbidae | *Gyraulus* | | | | | | | 10 | | 19 | | 15 | | 4 | |
| | | Cladocera | 2 | | 1 | | | | | | 16 | | 1 | | | |
| | | Copepoda | | | | | | | | | | | | | | |
| | | Ostracoda | 14 | | 20 | | 8 | | 18 | | 113 | | 14 | | | |
| | Crangonyctidae | *Crangonyx* | | | | | | | | | 1 | | 2 | | | |
| | Talitridae | *Hyalella* | | | | | | | | | 6 | | 3 | | | |
| | Asellidae | *Caecidotea* | | | 4 | | | | | | 8 | | 7 | | | |
| | Acari | Acari | 1 | | 6 | | 2 | | | | | | | | 3 | |
| Odonata | Coenagrionidae | Coenagrionidae - early instar or damaged | | | | | | | | | 2 | | | | | |
| | | *Enallagma* | | | | | | | | | | | | | | |
| Ephemeroptera | Baetidae | *Baetis tricaudatus* | | | | | | | | | | | | | | |
| | | *Centroptilum* | 1 | | 1 | | | | | | | | | | 1 | |
| | Leptohyphidae | *Tricorythodes* | 1 | | 1 | | 2 | | | | 15 | | 2 | | 312 | |
| Heteroptera | Corixidae | Corixidae - early instar or damaged | | | | | | | | | 1 | | | | | |
| Megaloptera | Sialidae | *Sialis* | | | | | | | | | | | | | | |
| Trichoptera | Hydropsychidae | *Cheumatopsyche* | | | | | | | | | | | | | | |
| | | *Hydropsyche* | | | | | | | | | | | | | 2 | |
| | Hydroptilidae | *Hydroptila* | | | | | | | | | | | | | 1 | |
| | Leptoceridae | Leptoceridae - early instar, pupa or damaged | | | | | 1 | | | | | | | | | |
| | | *Mystacides* | 2 | | | | | | 1 | | 4 | | | | | |
| | | *Nectopsyche* | | | | | | | | | | | | | | |
| Coleoptera | Elmidae | Elmidae - early instar | | | | | | | | | | | | | | |
| | | *Optioservus* | | | 1 | | | | | | | | | | | |
| | | *Zaitzevia* | | | | | | | | | | | | | 1 | |
| | Haliplidae | *Brychius* | | | | | | | | | | | | | | |
| | | *Haliplus* | | | | | | | | | | | | | | |

| King County Sammamish River 2003 Aquatic Invertebrate Data Determinations by Rhithron Associates, Inc. | | Site | P29367-1 #1 SAMMAMISH RIVER @ BOTHELL LANDING BRIDGE | | P29367-1 #2 SAMMAMISH RIVER @BOTHELL LANDING BRIDGE | | P29367-1 #3 SAMMAMISH RIVER @ BOTHELL LANDING BRIDGE | | P29367-10 #1 SAMMAMISH RIVER 90TH ST BRIDGE | | P29367-10 #2 SAMMAMISH RIVER 90TH ST BRIDGE | | P29367-10 #3 SAMMAMISH RIVER 90TH ST BRIDGE | | P29367-11 #1 SAMMAMISH RIVER BELOW MOUTH OF BEAR CREEK | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sample date | 9/2/2003 | | 9/2/2003 | | 9/2/2003 | | 8/26/2003 | | 8/26/2003 | | 8/26/2003 | | 8/26/2003 | |
| Taxon | | | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? |
| Diptera | Ceratopogonidae | Ceratopogoninae | 5 | | 1 | | 2 | | | | 1 | | | | | |
| | Empididae | *Chelifera* | | | | | | | | | | | | | 1 | |
| | | *Empididae* | | | | | | | | | | | | | 4 | no |
| | | *Hemerodromia* | | | | | | | | | | | | | 4 | |
| | Simuliidae | *Simulium* | | | | | | | | | | | | | 1 | |
| | Chironomidae | Chironomidae | 105 | | 47 | | 58 | | 6 | | 13 | | 3 | | 44 | |
| | | **TOTAL** | 250 | | 182 | | 137 | | 81 | | 559 | | 150 | | 399 | |

| King County Sammamish River 2003 Aquatic Invertebrate Data Determinations by Rhithron Associates, Inc. | | Site | P29367-11 #2 SAMMAMISH RIVER BELOW MOUTH OF BEAR CREEK | | P29367-11 #3 SAMAMISH RIVER BELOW MOUTH OF BEAR CREEK | | P29367-12 #1 SAMMAMISH RIVER MARYMORE PARK BRIDGE | | P29367-12 #2 SAMMAMISH RIVER MARYMORE PARK BRIDGE | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Sample date | 8/26/2003 | | 8/26/2003 | | 8/26/2003 | | 8/26/2003 | |
| | | Taxon | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? |
| Non-insect taxa | | Turbellaria | 2 | | | | | | 1 | |
| | | Nematoda | | | | | | | 2 | |
| | | Oligochaeta | 28 | | 18 | | 17 | | 82 | |
| | Glossiphoniidae | *Helobdella* | | | | | | | | |
| | | *Helobdella stagnalis* | 1 | | | | 1 | | | |
| | | *Placobdella* | | | | | | | | |
| | Corbiculidae | *Corbicula* | 2 | | 2 | | 5 | | 1 | |
| | Pisidiidae | Pisidiidae | 7 | | 6 | | | | | |
| | Ancylidae | *Ferrissia* | | | 13 | | | | | |
| | Physidae | Physidae | | | | | | | | |
| | Planorbidae | *Gyraulus* | 12 | | 7 | | 1 | | 4 | |
| | | Cladocera | | | | | | | | |
| | | Copepoda | | | | | | | | |
| | | Ostracoda | 1 | | | | | | | |
| | Crangonyctidae | *Crangonyx* | | | 2 | | | | 8 | |
| | Talitridae | *Hyalella* | 3 | | | | | | | |
| | Asellidae | *Caecidotea* | 2 | | | | 1 | | | |
| | Acari | Acari | 4 | | 8 | | | | 2 | |
| Odonata | Coenagrionidae | Coenagrionidae - early instar or damaged | | | | | | | | |
| | | *Enallagma* | | | | | | | | |
| Ephemeroptera | Baetidae | *Baetis tricaudatus* | 1 | | | | | | | |
| | | *Centroptilum* | 14 | | | | | | | |
| | Leptohyphidae | *Tricorythodes* | 179 | | 93 | | | | 2 | |
| Heteroptera | Corixidae | Corixidae - early instar or damaged | | | | | | | | |
| Megaloptera | Sialidae | *Sialis* | | | | | | | | |
| Trichoptera | Hydropsychidae | *Cheumatopsyche* | 4 | | | | | | 1 | |
| | | *Hydropsyche* | 1 | | | | | | | |
| | Hydroptilidae | *Hydroptila* | 9 | | 2 | | | | | |
| | Leptoceridae | Leptoceridae - early instar, pupa or damaged | | | | | | | | |
| | | *Mystacides* | 1 | | 2 | | | | | |
| | | *Nectopsyche* | | | | | | | | |
| Coleoptera | Elmidae | Elmidae - early instar | | | | | | | | |
| | | *Optioservus* | | | 3 | | | | 2 | |
| | | *Zaitzevia* | | | | | | | | |
| | Haliplidae | *Brychius* | | | 2 | | 2 | | 1 | |
| | | *Haliplus* | | | | | | | 2 | |

| King County Sammammish River 2003 Aquatic Invertebrate Data Determinations by Rhithron Associates, Inc. | | | | P29367-11 #2 SAMMAMISH RIVER BELOW MOUTH OF BEAR CREEK | | P29367-11 #3 SAMAMISH RIVER BELOW MOUTH OF BEAR CREEK | | P29367-12 #1 SAMMAMISH RIVER MARYMORE PARK BRIDGE | | P29367-12 #2 SAMMAMISH RIVER MARYMORE PARK BRIDGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | **Site** | | | | | | | | |
| | | | **Sample date** | 8/26/2003 | | 8/26/2003 | | 8/26/2003 | | 8/26/2003 | |
| **Taxon** | | | | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? |
| Diptera | Ceratopogonidae | Ceratopogoninae | | | | | | | | | |
| | Empididae | *Chelifera* | | | | 1 | | | | | |
| | | *Empididae* | | | | | | | | | |
| | | *Hemerodromia* | | 8 | | | | | | | |
| | Simuliidae | *Simulium* | | 2 | | 1 | | | | | |
| | Chironomidae | Chironomidae | | 117 | | 97 | | | | | |
| | | | **TOTAL** | 398 | | 257 | | 27 | | 108 | |

| King County Sammamish River 2003 Aquatic Invertebrate Data Determinations by Rhithron Associates, Inc. | | Site | P29367-12 #3 SAMMAMISH RIVER MARYMORE PARK BRIDGE | | P29367-2 #1 SAMMAMISH RIVER @ KENMORE BRIDGE ON 68TH | | P29367-2 #2 SAMMAMISH RIVER @ KENMORE BRIDGE ON 68TH | | P29367-3 #1 SAMMAMISH RIVER BELOW MOUTH OF LITTLE BEAR | | P29367-3 #2 SAMMAMISH RIVER BELOW MOUTH OF LITTLE BEAR | | P29367-3 #3 SAMMAMISH RIVER BELOW MOUTH OF LITTLE BEAR | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sample date | 8/26/2003 | | 9/2/2003 | | 9/2/2003 | | 9/8/2003 | | 9/8/2003 | | 9/8/2003 | |
| | | Taxon | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? |
| Non-insect taxa | | Turbellaria | 4 | | | | | | 17 | | 8 | | 1 | |
| | | Nematoda | | | | | 2 | | | | 2 | | 4 | |
| | | Oligochaeta | 22 | | 14 | | 16 | | 28 | | 98 | | 37 | |
| | Glossiphoniidae | *Helobdella* | | | 4 | | | | | | | | | |
| | | *Helobdella stagnalis* | | | 5 | | | | | | | | | |
| | | *Placobdella* | | | | | | | | | | | | |
| | Corbiculidae | *Corbicula* | 3 | | 3 | | 1 | | 51 | | 8 | | 12 | |
| | Pisidiidae | Pisidiidae | | | 99 | | 89 | | | | | | | |
| | Ancylidae | *Ferrissia* | | | | | | | 7 | | | | 4 | |
| | Physidae | Physidae | | | 2 | | | | 1 | | | | | |
| | Planorbidae | *Gyraulus* | 6 | | 1 | | 1 | | 1 | | | | | |
| | | Cladocera | | | 4 | | 2 | | | | | | | |
| | | Copepoda | | | | | | | | | | | | |
| | | Ostracoda | | | 21 | | 36 | | | | | | | |
| | Crangonyctidae | *Crangonyx* | 1 | | | | | | 4 | | 20 | | 1 | |
| | Talitridae | *Hyalella* | | | | | | | 2 | | 2 | | 1 | |
| | Asellidae | *Caecidotea* | | | 3 | | 6 | | 18 | | 5 | | | |
| | Acari | Acari | 4 | | 3 | | | | 1 | | 4 | | | |
| Odonata | Coenagrionidae | Coenagrionidae - early instar or damaged | | | | | | | | | | | | |
| | | *Enallagma* | | | | | | | | | | | | |
| Ephemeroptera | Baetidae | *Baetis tricaudatus* | | | | | | | 1 | | 5 | | | |
| | | *Centroptilum* | | | | | | | | | | | | |
| | Leptohyphidae | *Tricorythodes* | | | | | | | 39 | | 53 | | 27 | |
| Heteroptera | Corixidae | Corixidae - early instar or damaged | | | | | | | | | | | | |
| Megaloptera | Sialidae | *Sialis* | | | | | | | | | | | | |
| Trichoptera | Hydropsychidae | *Cheumatopsyche* | | | | | | | 4 | | 1 | | | |
| | | *Hydropsyche* | | | | | | | | | | | | |
| | Hydroptilidae | *Hydroptila* | | | | | | | | | | | 2 | |
| | Leptoceridae | Leptoceridae - early instar, pupa or damaged | | | | | | | | | | | | |
| | | *Mystacides* | | | | | | | | | | | | |
| | | *Nectopsyche* | | | | | | | 1 | | | | | |
| Coleoptera | Elmidae | Elmidae - early instar | 1 | | | | | | | | | | | |
| | | *Optioservus* | | | | | | | 21 | | 2 | | 1 | |
| | | *Zaitzevia* | | | | | | | | | | | | |
| | Haliplidae | *Brychius* | | | | | | | | | | | | |
| | | *Haliplus* | | | | | | | | | | | 1 | |

| King County Sammamish River 2003 Aquatic Invertebrate Data Determinations by Rhithron Associates, Inc. | | | | P29367-12 #3 SAMMAMISH RIVER MARYMORE PARK BRIDGE | | P29367-2 #1 SAMMAMISH RIVER @ KENMORE BRIDGE ON 68TH | | P29367-2 #2 SAMMAMISH RIVER @ KENMORE BRIDGE ON 68TH | | P29367-3 #1 SAMMAMISH RIVER BELOW MOUTH OF LITTLE BEAR | | P29367-3 #2 SAMMAMISH RIVER BELOW MOUTH OF LITTLE BEAR | | P29367-3 #3 SAMMAMISH RIVER BELOW MOUTH OF LITTLE BEAR | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | **Site** | | | | | | | | | | | | |
| | | | **Sample date** | 8/26/2003 | | 9/2/2003 | | 9/2/2003 | | 9/8/2003 | | 9/8/2003 | | 9/8/2003 | |
| **Taxon** | | | | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? |
| Diptera | Ceratopogonidae | Ceratopogoninae | | | | | | | | | | | | | |
| | Empididae | *Chelifera* | | | | | | | | | | | | | |
| | | *Empididae* | | | | | | | | | | | | | |
| | | *Hemerodromia* | | | | | | | | | | | | | |
| | Simuliidae | *Simulium* | | | | | | | | | | 2 | | | |
| | Chironomidae | Chironomidae | | | | 22 | | 26 | | 113 | | 262 | | 185 | |
| | | | **TOTAL** | 41 | | 181 | | 179 | | 309 | | 472 | | 276 | |

| King County Sammammish River 2003 Aquatic Invertebrate Data Determinations by Rhithron Associates, Inc. | | Site | P29367-4 #1 SAMMAMISH RIVER BELOW MOUTH OF WOODIN CREEK | | P29367-4 #2 SAMMAMISH RIVER BELOW MOUTH OF WOODIN CREEK | | P29367-4 #3 SAMMAMISH RIVER BELOW MOUTH OF WOODIN CREEK | | P29367-6 #1 SAMMAMISH RIVER 145TH ST BRIDGE | | P29367-6 #2 SAMMAMISH RIVER 145TH ST BRIDGE | | P29367-6 #3 SAMMAMISH RIVER 145TH ST BRIDGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sample date | 9/8/2003 | | 9/8/2003 | | 9/8/2003 | | 8/27/2003 | | 8/27/2003 | | 8/27/2003 | |
| | | Taxon | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? |
| Non-insect taxa | | Turbellaria | | | | | | | | | | | | |
| | | Nematoda | | | | | | | 3 | | 1 | | | |
| | | Oligochaeta | 2 | | 10 | | 18 | | 34 | | 4 | | 19 | |
| | Glossiphoniidae | *Helobdella* | | | | | 13 | | | | | | | |
| | | *Helobdella stagnalis* | | | | | | | | | | | | |
| | | *Placobdella* | | | | | | | | | | | | |
| | Corbiculidae | *Corbicula* | | | | | | | 4 | | 7 | | 3 | |
| | Pisidiidae | Pisidiidae | 42 | | 26 | | 20 | | 2 | | 5 | | 3 | |
| | Ancylidae | *Ferrissia* | | | | | | | | | | | | |
| | Physidae | Physidae | 18 | | | | | | | | | | 1 | |
| | Planorbidae | *Gyraulus* | 9 | | | | | | | | | | | |
| | | Cladocera | | | 1 | | | | | | | | | |
| | | Copepoda | | | | | | | | | | | | |
| | | Ostracoda | 2 | | 2 | | 1 | | | | | | 1 | |
| | Crangonyctidae | *Crangonyx* | | | | | | | | | | | | |
| | Talitridae | *Hyalella* | 2 | | | | | | | | 1 | | 2 | |
| | Asellidae | *Caecidotea* | 2 | | | | | | | | | | | |
| | Acari | Acari | | | | | | | 2 | | | | | |
| Odonata | Coenagrionidae | Coenagrionidae - early instar or damaged | | | | | | | 1 | | 1 | | | |
| | | *Enallagma* | | | | | | | | | | | | |
| Ephemeroptera | Baetidae | *Baetis tricaudatus* | | | | | | | | | | | | |
| | | *Centroptilum* | | | | | | | | | | | | |
| | Leptohyphidae | *Tricorythodes* | | | | | | | 3 | | 2 | | | |
| Heteroptera | Corixidae | Corixidae - early instar or damaged | | | | | 1 | | | | | | | |
| Megaloptera | Sialidae | *Sialis* | 2 | | 4 | | 1 | | | | | | | |
| Trichoptera | Hydropsychidae | *Cheumatopsyche* | | | | | | | | | | | | |
| | | *Hydropsyche* | | | | | | | | | | | | |
| | Hydroptilidae | *Hydroptila* | | | | | | | | | | | | |
| | Leptoceridae | Leptoceridae - early instar, pupa or damaged | | | | | | | | | | | | |
| | | *Mystacides* | | | | | | | | | | | | |
| | | *Nectopsyche* | | | | | | | | | | | | |
| Coleoptera | Elmidae | Elmidae - early instar | | | | | | | | | 1 | | | |
| | | *Optioservus* | | | | | | | | | | | | |
| | | *Zaitzevia* | | | | | | | | | | | | |
| | Haliplidae | *Brychius* | | | | | | | | | | | | |
| | | *Haliplus* | | | | | | | | | | | | |

| King County Sammammish River 2003 Aquatic Invertebrate Data Determinations by Rhithron Associates, Inc. | | | | P29367-4 #1 SAMMAMISH RIVER BELOW MOUTH OF WOODIN CREEK | | P29367-4 #2 SAMMAMISH RIVER BELOW MOUTH OF WOODIN CREEK | | P29367-4 #3 SAMMAMISH RIVER BELOW MOUTH OF WOODIN CREEK | | P29367-6 #1 SAMMAMISH RIVER 145TH ST BRIDGE | | P29367-6 #2 SAMMAMISH RIVER 145TH ST BRIDGE | | P29367-6 #3 SAMMAMISH RIVER 145TH ST BRIDGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | **Sample date** | 9/8/2003 | | 9/8/2003 | | 9/8/2003 | | 8/27/2003 | | 8/27/2003 | | 8/27/2003 | |
| **Taxon** | | | | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? |
| Diptera | Ceratopogonidae | Ceratopogoninae | | | | 1 | | 1 | | | | 1 | | | |
| | Empididae | *Chelifera* | | | | | | | | | | | | | |
| | | *Empididae* | | | | | | | | | | | | | |
| | | *Hemerodromia* | | | | | | | | | | | | | |
| | Simuliidae | *Simulium* | | | | | | | | | | | | | |
| | Chironomidae | Chironomidae | | 2 | | 10 | | 8 | | 1 | | 2 | | 5 | |
| | | | **TOTAL** | 81 | | 54 | | 63 | | 50 | | 25 | | 34 | |

| King County Sammammish River 2003 Aquatic Invertebrate Data Determinations by Rhithron Associates, Inc. | | Site | P29367-8 #1 SAMMAMISH RIVER @ NE 124TH U/S OFF BRIDGE | |
|---|---|---|---|---|
| | | Sample date | 8/27/2003 | |
| | | Taxon | Count | Unique? |
| Non-insect taxa | | Turbellaria | | |
| | | Nematoda | | |
| | | Oligochaeta | 73 | |
| | Glossiphoniidae | *Helobdella* | | |
| | | *Helobdella stagnalis* | 2 | |
| | | *Placobdella* | | |
| | Corbiculidae | *Corbicula* | 1 | |
| | Pisidiidae | Pisidiidae | 20 | |
| | Ancylidae | *Ferrissia* | | |
| | Physidae | Physidae | | |
| | Planorbidae | *Gyraulus* | | |
| | | Cladocera | | |
| | | Copepoda | | |
| | | Ostracoda | 6 | |
| | Crangonyctidae | *Crangonyx* | | |
| | Talitridae | *Hyalella* | | |
| | Asellidae | *Caecidotea* | 5 | |
| | Acari | Acari | | |
| Odonata | Coenagrionidae | Coenagrionidae - early instar or damaged | | |
| | | *Enallagma* | | |
| Ephemeroptera | Baetidae | *Baetis tricaudatus* | | |
| | | *Centroptilum* | | |
| | Leptohyphidae | *Tricorythodes* | 2 | |
| Heteroptera | Corixidae | Corixidae - early instar or damaged | | |
| Megaloptera | Sialidae | *Sialis* | 2 | |
| Trichoptera | Hydropsychidae | *Cheumatopsyche* | | |
| | | *Hydropsyche* | | |
| | Hydroptilidae | *Hydroptila* | | |
| | Leptoceridae | Leptoceridae - early instar, pupa or damaged | | |
| | | *Mystacides* | | |
| | | *Nectopsyche* | | |
| Coleoptera | Elmidae | Elmidae - early instar | | |
| | | *Optioservus* | | |
| | | *Zaitzevia* | | |
| | Haliplidae | *Brychius* | | |
| | | *Haliplus* | | |

| King County Sammammish River 2003 Aquatic Invertebrate Data Determinations by Rhithron Associates, Inc. | | Site | P29367-8 #1 SAMMAMISH RIVER @ NE 124TH U/S OFF BRIDGE | |
|---|---|---|---|---|
| | | Sample date | 8/27/2003 | |
| Taxon | | | Count | Unique? |
| Diptera | Ceratopogonidae | Ceratopogoninae | | |
| | Empididae | *Chelifera* | | |
| | | *Empididae* | | |
| | | *Hemerodromia* | | |
| | Simuliidae | *Simulium* | | |
| | Chironomidae | Chironomidae | 14 | |
| | | **TOTAL** | 125 | |

| King County Sammammish River 2003 Aquatic Invertebrate Data Determinations by Rhithron Associates, Inc. | | Site | P29367-8 #2 SAMMAMISH RIVER @ NE 124TH ST U/S OFF BRIDGE | | P29367-8 #3 SAMMAMISH RIVER @ NE 124TH ST U'S OFF BRIDGE | | P29367-9 #1 SAMMAMISH RIVER 116TH ST BRIDGE | | P29367-9 #2 SAMMAMISH RIVER 116TH ST BRIDGE | | P29367-9 #3 SAMMAMISH RIVER 116TH ST BRIDGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sample date | 8/27/2003 | | 8/27/2003 | | 8/27/2003 | | 8/27/2003 | | 8/27/2003 | |
| | | Taxon | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? |
| Non-insect taxa | | Turbellaria | | | | | | | 3 | | 4 | |
| | | Nematoda | 2 | | 2 | | | | 1 | | | |
| | | Oligochaeta | 6 | | 75 | | | | 29 | | 52 | |
| | Glossiphoniidae | *Helobdella* | | | | | | | | | | |
| | | *Helobdella stagnalis* | 5 | | | | 62 | | 31 | | 41 | |
| | | *Placobdella* | | | | | 1 | | | | 1 | |
| | Corbiculidae | *Corbicula* | 1 | | | | 1 | | 2 | | 1 | |
| | Pisidiidae | Pisidiidae | 22 | | 19 | | 11 | | 5 | | 14 | |
| | Ancylidae | *Ferrissia* | | | | | 1 | | 7 | | 16 | |
| | Physidae | Physidae | | | | | 3 | | 1 | | 4 | |
| | Planorbidae | *Gyraulus* | | | | | 15 | | 10 | | 19 | |
| | | Cladocera | | | | | | | | | | |
| | | Copepoda | | | | | | | | | | |
| | | Ostracoda | | | 4 | | | | | | | |
| | Crangonyctidae | *Crangonyx* | | | | | | | 1 | | 13 | |
| | Talitridae | *Hyalella* | | | 1 | | 9 | | 13 | | 9 | |
| | Asellidae | *Caecidotea* | | | | | 8 | | 2 | | 9 | |
| | Acari | Acari | | | | | 1 | | | | | |
| Odonata | Coenagrionidae | Coenagrionidae - early instar or damaged | | | | | | | | | | |
| | | *Enallagma* | | | | | | | 2 | | 4 | |
| Ephemeroptera | Baetidae | *Baetis tricaudatus* | | | | | | | | | | |
| | | *Centroptilum* | | | | | 1 | | 1 | | | |
| | Leptohyphidae | *Tricorythodes* | 3 | | 7 | | 63 | | 33 | | 78 | |
| Heteroptera | Corixidae | Corixidae - early instar or damaged | | | | | | | | | | |
| Megaloptera | Sialidae | *Sialis* | | | | | | | | | | |
| Trichoptera | Hydropsychidae | *Cheumatopsyche* | | | | | | | | | | |
| | | *Hydropsyche* | | | | | | | | | | |
| | Hydroptilidae | *Hydroptila* | | | | | | | | | | |
| | Leptoceridae | Leptoceridae - early instar, pupa or damaged | | | | | | | | | | |
| | | *Mystacides* | | | | | 2 | | 4 | | 3 | |
| | | *Nectopsyche* | | | | | | | | | | |
| Coleoptera | Elmidae | Elmidae - early instar | | | | | | | | | | |
| | | *Optioservus* | | | 1 | | 1 | | | | 2 | |
| | | *Zaitzevia* | | | | | | | | | | |
| | Haliplidae | *Brychius* | | | | | | | | | | |
| | | *Haliplus* | | | | | | | | | | |

| King County Sammamish River 2003 Aquatic Invertebrate Data Determinations by Rhithron Associates, Inc. | | | | P29367-8 #2 SAMMAMISH RIVER @ NE 124TH ST U/S OFF BRIDGE | | P29367-8 #3 SAMMAMISH RIVER @ NE 124TH ST U'S OFF BRIDGE | | P29367-9 #1 SAMMAMISH RIVER 116TH ST BRIDGE | | P29367-9 #2 SAMMAMISH RIVER 116TH ST BRIDGE | | P29367-9 #3 SAMMAMISH RIVER 116TH ST BRIDGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | **Site** | | | | | | | | | | |
| | | | **Sample date** | 8/27/2003 | | 8/27/2003 | | 8/27/2003 | | 8/27/2003 | | 8/27/2003 | |
| **Taxon** | | | | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? | Count | Unique? |
| Diptera | Ceratopogonidae | Ceratopogoninae | | | | | | | | | | | |
| | Empididae | *Chelifera* | | | | | | | | | | | |
| | | *Empididae* | | | | | | | | | | | |
| | | *Hemerodromia* | | | | | | | | | | | |
| | Simuliidae | *Simulium* | | | | | | | | | | | |
| | Chironomidae | Chironomidae | | | | 3 | | 4 | | 4 | | 5 | |
| | | | **TOTAL** | 39 | | 112 | | 183 | | 149 | | 275 | |

# Appendix G

Parameters Detected in Water

| Parameter | Eco | HH |
|---|---|---|
| 2,4,5-T | | X |
| 2,4,5-TP (Silvex) | | X |
| 2,4-D | | X |
| 2-Methylnaphthalene | | X |
| 2-Methylphenol | | X |
| 4-Methylphenol | | X |
| Aluminum, Dissolved, ICP-MS | | X |
| Aluminum, Total, ICP-MS | X | |
| Ammonia Nitrogen | | X |
| Antimony, Dissolved, ICP-MS | | X |
| Antimony, Total, ICP-MS | X | |
| Arsenic, Dissolved, ICP-MS | | X |
| Arsenic, Total, ICP-MS | X | |
| Barium, Dissolved, ICP-MS | | X |
| Barium, Total, ICP-MS | X | |
| Benzo(a)anthracene | | |
| Benzo(a)pyrene | | |
| Benzo(b)fluoranthene | | |
| Benzo(k)fluoranthene | | |
| Benzoic Acid | | X |
| Benzyl Butyl Phthalate | | |
| Bis(2-ethylhexyl)adipate | X | X |
| Bis(2-Ethylhexyl)Phthalate | | |
| Bisphenol A | X | X |
| Cadmium, Dissolved, ICP-MS | X | X |
| Cadmium, Total, ICP-MS | X | X |
| Caffeine | | X |
| Calcium, Dissolved, ICP | X | X |
| Calcium, Total, ICP | X | X |
| Carbaryl | X | X |
| Chromium, Dissolved, ICP-MS | | X |
| Chromium, Total, ICP-MS | | X |
| Chrysene | | |
| Cobalt, Dissolved, ICP-MS | | X |
| Cobalt, Total, ICP-MS | | X |
| Conductivity, Field | | |
| Copper, Dissolved, ICP-MS | | X |
| Copper, Total, ICP-MS | | X |
| Diazinon | | X |
| Dicamba | | X |
| Diethyl Phthalate | | |
| Di-N-Butyl Phthalate | | |
| Fluoride | X | X |
| Iron, Dissolved, ICP | | X |
| Iron, Total, ICP | | X |
| Isophorone | | |
| Lead, Dissolved, ICP-MS | | X |
| Lead, Total, ICP-MS | | X |
| Magnesium, Dissolved, ICP | X | X |
| Magnesium, Total, ICP | X | X |

Parameters Detected in Water

| Parameter | Eco | HH |
|---|---|---|
| Manganese, Dissolved, ICP-MS | X | X |
| Mercury, Dissolved, CVAF | | X |
| Mercury, Total, CVAF | | |
| Metalochlor | X | X |
| Molybdenum, Dissolved, ICP-MS | X | X |
| Molybdenum, Total, ICP-MS | X | X |
| Naphthalene | | X |
| Nickel, Dissolved, ICP-MS | | X |
| Nickel, Total, ICP-MS | | |
| Nitrate Nitrogen | | |
| Ortho Phosphorus | X | X |
| Pentachlorophenol | | |
| Phenol | X | X |
| Pyrene | | |
| Total 4-Nonylphenol | X | X |
| Vanadium, Dissolved, ICP-MS | X | X |
| Vanadium, Total, ICP-MS | X | X |
| Zinc, Dissolved, ICP-MS | | |
| Zinc, Total, ICP-MS | | X |

# Appendix H

Appendix H: Comparison of metals concentrations in sediment to aquatic life thresholds

| | Arsenic | | | | | Cadmium | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Station Location** | **Maximum Concentration** | **TEL** | **PEL** | **FP STAT** | **FP CSL** | **Maximum Concentration** | **TEL** | **PEL** | **FP STAT** | **FP CSL** |
| WDFW Boat Launch | -- | -- | -- | -- | -- | 0.26 | 0.44 | 0.075 | 0.44 | 0.26 |
| Bothell Landing Park Bridge | 6.7 | **1.1** | 0.4 | 0.3 | 0.1 | 0.30 | 0.50 | 0.085 | 0.50 | 0.30 |
| Below Little Bear Creek | -- | -- | -- | -- | -- | 0.23 | 0.39 | 0.066 | 0.39 | 0.23 |
| Below Woodin Creek | 22 | **3.8** | **1.3** | **1.1** | 0.4 | -- | -- | -- | -- | -- |
| 145th St. Bridge | 4.0 | 0.7 | 0.2 | 0.2 | 0.1 | -- | -- | -- | -- | -- |
| NE 124th St. | 21 | **3.5** | **1.2** | 1.0 | 0.4 | -- | -- | -- | -- | -- |
| 116th St. Bridge | 5.7 | 1.0 | 0.3 | 0.3 | 0.1 | -- | -- | -- | -- | -- |
| 90th St. Bridge | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Below Bear Creek | 3.4 | 0.6 | 0.2 | 0.2 | 0.1 | -- | -- | -- | -- | -- |
| Marymoor Park Bridge | 4.4 | 0.7 | 0.3 | 0.2 | 0.1 | -- | -- | -- | -- | -- |

Notes:
All units are mg/kg dry weight
-- = not detected above method detection limit
TEL = threshold effect level (Smith et al. 1996)
PEL = probable effect level (Smith et al. 1996)
FP STAT = floating percentile based on statistical significance rules (Avocet 2002, 2003)
FP CSL = floating percentile based on screening level (Avocet 2002, 2003)

Appendix H: Comparison of metals concentrations in sediment to aquatic life thresholds

| | Arsenic | | | | | Chromium | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Station Location** | **Maximum Concentration** | **TEL** | **PEL** | **FP STAT** | **FP CSL** | **Maximum Concentration** | **TEL** | **PEL** | **FP STAT** | **FP CSL** |
| WDFW Boat Launch | -- | -- | -- | -- | -- | 30.4 | 0.81 | 0.34 | 0.32 | 0.30 |
| Bothell Landing Park Bridge | 6.7 | **1.1** | 0.4 | 0.3 | 0.1 | 30.6 | 0.82 | 0.34 | 0.32 | 0.31 |
| Below Little Bear Creek | -- | -- | -- | -- | -- | 21 | 0.56 | 0.23 | 0.22 | 0.21 |
| Below Woodin Creek | 22 | **3.8** | **1.3** | **1.1** | 0.4 | 36 | 0.97 | 0.40 | 0.38 | 0.36 |
| 145th St. Bridge | 4.0 | 0.7 | 0.2 | 0.2 | 0.1 | 26.0 | 0.70 | 0.29 | 0.27 | 0.26 |
| NE 124th St. | 21 | **3.5** | **1.2** | 1.0 | 0.4 | 31 | 0.83 | 0.34 | 0.32 | 0.31 |
| 116th St. Bridge | 5.7 | 1.0 | 0.3 | 0.3 | 0.1 | 23.6 | 0.63 | 0.26 | 0.25 | 0.24 |
| 90th St. Bridge | -- | -- | -- | -- | -- | 20.8 | 0.56 | 0.23 | 0.22 | 0.21 |
| Below Bear Creek | 3.4 | 0.6 | 0.2 | 0.2 | 0.1 | 30.1 | 0.81 | 0.33 | 0.32 | 0.30 |
| Marymoor Park Bridge | 4.4 | 0.7 | 0.3 | 0.2 | 0.1 | 34.0 | 0.91 | 0.38 | 0.36 | 0.34 |

Notes:
All units are mg/kg dry weight
-- = not detected above method detection limit
TEL = threshold effect level (Smith et al. 1996)
PEL = probable effect level (Smith et al. 1996)
FP STAT = floating percentile based on statistical significance rules (Avocet 2002, 2003)
FP CSL = floating percentile based on screening level (Avocet 2002, 2003)

Appendix H: Comparison of metals concentrations in sediment to aquatic life thresholds

| | Arsenic | | | | | Copper | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Station Location** | **Maximum Concentration** | **TEL** | **PEL** | **FP STAT** | **FP CSL** | **Maximum Concentration** | **TEL** | **PEL** | **FP STAT** | **FP CSL** |
| WDFW Boat Launch | -- | -- | -- | -- | -- | 12 | 0.33 | 0.060 | 0.23 | 0.014 |
| Bothell Landing Park Bridge | 6.7 | **1.1** | 0.4 | 0.3 | 0.1 | 11 | 0.30 | 0.055 | 0.22 | 0.013 |
| Below Little Bear Creek | -- | -- | -- | -- | -- | 7.8 | 0.22 | 0.040 | 0.16 | 0.0094 |
| Below Woodin Creek | 22 | **3.8** | **1.3** | **1.1** | 0.4 | 22 | 0.62 | 0.11 | 0.44 | 0.027 |
| 145th St. Bridge | 4.0 | 0.7 | 0.2 | 0.2 | 0.1 | 11 | 0.30 | 0.054 | 0.21 | 0.013 |
| NE 124th St. | 21 | **3.5** | **1.2** | 1.0 | 0.4 | 18 | 0.49 | 0.089 | 0.35 | 0.021 |
| 116th St. Bridge | 5.7 | 1.0 | 0.3 | 0.3 | 0.1 | 13 | 0.38 | 0.068 | 0.27 | 0.016 |
| 90th St. Bridge | -- | -- | -- | -- | -- | 10 | 0.29 | 0.053 | 0.21 | 0.013 |
| Below Bear Creek | 3.4 | 0.6 | 0.2 | 0.2 | 0.1 | 5.9 | 0.17 | 0.030 | 0.12 | 0.007 |
| Marymoor Park Bridge | 4.4 | 0.7 | 0.3 | 0.2 | 0.1 | 9.0 | 0.25 | 0.046 | 0.18 | 0.011 |

Notes:
All units are mg/kg dry weight
-- = not detected above method detection limit
TEL = threshold effect level (Smith et al. 1996)
PEL = probable effect level (Smith et al. 1996)
FP STAT = floating percentile based on statistical significance rules (Avocet 2002, 2003)
FP CSL = floating percentile based on screening level (Avocet 2002, 2003)

Appendix H: Comparison of metals concentrations in sediment to aquatic life thresholds

| | Arsenic | | | | | Lead | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Station Location** | **Maximum Concentration** | **TEL** | **PEL** | **FP STAT** | **FP CSL** | **Maximum Concentration** | **TEL** | **PEL** | **FP STAT** | **FP CSL** |
| WDFW Boat Launch | -- | -- | -- | -- | -- | 10 | 0.29 | 0.11 | 0.031 | 0.024 |
| Bothell Landing Park Bridge | 6.7 | **1.1** | 0.4 | 0.3 | 0.1 | 6.7 | 0.19 | 0.074 | 0.020 | 0.016 |
| Below Little Bear Creek | -- | -- | -- | -- | -- | 6.1 | 0.17 | 0.067 | 0.018 | 0.014 |
| Below Woodin Creek | 22 | **3.8** | **1.3** | **1.1** | 0.4 | 14 | 0.41 | 0.156 | 0.043 | 0.033 |
| 145th St. Bridge | 4.0 | 0.7 | 0.2 | 0.2 | 0.1 | 6.5 | 0.19 | 0.071 | 0.019 | 0.015 |
| NE 124th St. | 21 | **3.5** | **1.2** | 1.0 | 0.4 | 6 | 0.18 | 0.069 | 0.019 | 0.015 |
| 116th St. Bridge | 5.7 | 1.0 | 0.3 | 0.3 | 0.1 | 15 | 0.41 | 0.159 | 0.043 | 0.034 |
| 90th St. Bridge | -- | -- | -- | -- | -- | 7.6 | 0.22 | 0.083 | 0.023 | 0.018 |
| Below Bear Creek | 3.4 | 0.6 | 0.2 | 0.2 | 0.1 | 3.3 | 0.09 | 0.036 | 0.010 | 0.008 |
| Marymoor Park Bridge | 4.4 | 0.7 | 0.3 | 0.2 | 0.1 | 3.5 | 0.10 | 0.038 | 0.010 | 0.008 |

Notes:
All units are mg/kg dry weight
-- = not detected above method detection limit
TEL = threshold effect level (Smith et al. 1996)
PEL = probable effect level (Smith et al. 1996)
FP STAT = floating percentile based on statistical significance rules (Avocet 2002, 2003)
FP CSL = floating percentile based on screening level (Avocet 2002, 2003)

Appendix H: Comparison of metals concentrations in sediment to aquatic life thresholds

| | Arsenic | | | | | Mercury | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Station Location** | **Maximum Concentration** | **TEL** | **PEL** | **FP STAT** | **FP CSL** | **Maximum Concentration** | **TEL** | **PEL** | **FP STAT** | **FP CSL** |
| WDFW Boat Launch | -- | -- | -- | -- | -- | 0.045 | 0.26 | 0.094 | 0.09 | 0.061 |
| Bothell Landing Park Bridge | 6.7 | **1.1** | 0.4 | 0.3 | 0.1 | 0.043 | 0.25 | 0.088 | 0.09 | 0.057 |
| Below Little Bear Creek | -- | -- | -- | -- | -- | ND | -- | -- | -- | -- |
| Below Woodin Creek | 22 | **3.8** | **1.3** | **1.1** | 0.4 | ND | -- | -- | -- | -- |
| 145th St. Bridge | 4.0 | 0.7 | 0.2 | 0.2 | 0.1 | 0.035 | 0.20 | 0.072 | 0.07 | 0.046 |
| NE 124th St. | 21 | **3.5** | **1.2** | 1.0 | 0.4 | ND | -- | -- | -- | -- |
| 116th St. Bridge | 5.7 | 1.0 | 0.3 | 0.3 | 0.1 | ND | -- | -- | -- | -- |
| 90th St. Bridge | -- | -- | -- | -- | -- | ND | -- | -- | -- | -- |
| Below Bear Creek | 3.4 | 0.6 | 0.2 | 0.2 | 0.1 | ND | -- | -- | -- | -- |
| Marymoor Park Bridge | 4.4 | 0.7 | 0.3 | 0.2 | 0.1 | ND | -- | -- | -- | -- |

Notes:
All units are mg/kg dry weight
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TEL = threshold effect level (Smith et al. 1996)
PEL = probable effect level (Smith et al. 1996)
FP STAT = floating percentile based on statistical significance rules (Avocet 2002, 2003)
FP CSL = floating percentile based on screening level (Avocet 2002, 2003)

Appendix H: Comparison of metals concentrations in sediment to aquatic life thresholds

| | Arsenic | | | | | Nickel | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Station Location** | **Maximum Concentration** | **TEL** | **PEL** | **FP STAT** | **FP CSL** | **Maximum Concentration** | **TEL** | **PEL** | **FP STAT** | **FP CSL** |
| WDFW Boat Launch | -- | -- | -- | -- | -- | 30 | **1.6** | 0.83 | 0.54 | 0.42 |
| Bothell Landing Park Bridge | 6.7 | **1.1** | 0.4 | 0.3 | 0.1 | 25 | **1.4** | 0.70 | 0.46 | 0.36 |
| Below Little Bear Creek | -- | -- | -- | -- | -- | 22 | **1.2** | 0.63 | 0.41 | 0.32 |
| Below Woodin Creek | 22 | **3.8** | **1.3** | **1.1** | 0.4 | 35 | **1.9** | 0.97 | 0.63 | 0.50 |
| 145th St. Bridge | 4.0 | 0.7 | 0.2 | 0.2 | 0.1 | 22 | **1.2** | 0.60 | 0.39 | 0.31 |
| NE 124th St. | 21 | **3.5** | **1.2** | 1.0 | 0.4 | 23 | **1.3** | 0.65 | 0.42 | 0.33 |
| 116th St. Bridge | 5.7 | 1.0 | 0.3 | 0.3 | 0.1 | 20 | **1.1** | 0.57 | 0.37 | 0.29 |
| 90th St. Bridge | -- | -- | -- | -- | -- | 22 | **1.2** | 0.62 | 0.41 | 0.32 |
| Below Bear Creek | 3.4 | 0.6 | 0.2 | 0.2 | 0.1 | 22 | **1.2** | 0.61 | 0.40 | 0.31 |
| Marymoor Park Bridge | 4.4 | 0.7 | 0.3 | 0.2 | 0.1 | 20 | **1.1** | 0.56 | 0.37 | 0.29 |

Notes:
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FP STAT = floating percentile based on statistical significance rules (Avocet 2002, 2003)
FP CSL = floating percentile based on screening level (Avocet 2002, 2003)

Appendix H: Comparison of metals concentrations in sediment to aquatic life thresholds

| | Arsenic | | | | | Zinc | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Station Location** | **Maximum Concentration** | **TEL** | **PEL** | **FP STAT** | **FP CSL** | **Maximum Concentration** | **TEL** | **PEL** | **FP STAT** | **FP CSL** |
| WDFW Boat Launch | -- | -- | -- | -- | -- | 60 | 0.49 | 0.19 | 0.43 | 0.38 |
| Bothell Landing Park Bridge | 6.7 | **1.1** | 0.4 | 0.3 | 0.1 | 57 | 0.47 | 0.18 | 0.41 | 0.36 |
| Below Little Bear Creek | -- | -- | -- | -- | -- | 54 | 0.44 | 0.17 | 0.38 | 0.33 |
| Below Woodin Creek | 22 | **3.8** | **1.3** | **1.1** | 0.4 | 90 | 0.73 | 0.29 | 0.65 | 0.56 |
| 145th St. Bridge | 4.0 | 0.7 | 0.2 | 0.2 | 0.1 | 44 | 0.35 | 0.14 | 0.31 | 0.27 |
| NE 124th St. | 21 | **3.5** | **1.2** | 1.0 | 0.4 | 43 | 0.35 | 0.14 | 0.31 | 0.27 |
| 116th St. Bridge | 5.7 | 1.0 | 0.3 | 0.3 | 0.1 | 30 | 0.25 | 0.10 | 0.22 | 0.19 |
| 90th St. Bridge | -- | -- | -- | -- | -- | 34 | 0.28 | 0.11 | 0.24 | 0.21 |
| Below Bear Creek | 3.4 | 0.6 | 0.2 | 0.2 | 0.1 | 38 | 0.30 | 0.12 | 0.27 | 0.23 |
| Marymoor Park Bridge | 4.4 | 0.7 | 0.3 | 0.2 | 0.1 | 32 | 0.26 | 0.10 | 0.23 | 0.20 |

Notes:
All units are mg/kg dry weight
-- = not detected above method detection limit
TEL = threshold effect level (Smith et al. 1996)
PEL = probable effect level (Smith et al. 1996)
FP STAT = floating percentile based on statistical significance rules (Avocet 2002, 2003)
FP CSL = floating percentile based on screening level (Avocet 2002, 2003)