Narragansett Bay Commission 2009 Data Report

Prepared by the staff of the Environmental Monitoring & Data Analysis Section

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The Narragansett Bay Commission

The Narragansett Bay Commission, or the NBC, was created in 1980 by the R.I. General Assembly to reduce the amount of pollutants Providence's Field's Point Wastewater Treatment Facility was discharging into Narragansett Bay and its tributaries. At that time, nearly 65 million gallons of untreated sewage flowed into Rhode Island's waterways every day, resulting in temporary and permanent closures of shellfishing beds in Upper Narragansett Bay, violations of federal laws, and most importantly, a serious threat to public health and the region's environmental and economic well-being.

EMDA staff conducting River Nutrient Sampling

The NBC acquired the facility from the City of Providence in 1982 and with statewide voter approval of an $87.7 million bond referendum, the NBC transformed this dilapidated facility, the third oldest wastewater treatment plant in the nation, into a state-of-the-art award winning facility. As the largest secondary wastewater treatment facility in Rhode Island and the second largest in New England, the Field's Point Wastewater Treatment Facility provides preliminary and primary treatment for up to 200 million gallons per day (MGD) of wastewater, secondary treatment for up to 91 MGD and has an average dry weather flow to the facility of 45.5 MGD.

In 1992, the R.I. General Assembly expanded the NBC's mission by placing it in charge of the Bucklin Point Wastewater Treatment Facility in East Providence. This facility is designed to provide preliminary and primary treatment for up to 116 million gallons per day, secondary treatment for up to 46 million gallons per day, and has an average dry

weather flow to the facility of 23.9 MGD. During 1999, supervisory management of this plant was privatized to Professional Services Group (PSG), and is currently managed by Aquarion Services Company. The plant has recently undergone major upgrades to include new screening and grit facilities, wet weather facilities capable of providing primary treatment and disinfection, new fine bubble-diffusion aeration system, nutrients removal facilities, and ultraviolet disinfection of wastewater, eliminating the need to add chemicals to disinfect and dechlorinate wastewater prior to discharge.

NBC Laboratory staff analyzing samples

The NBC now owns and operates the state's two largest wastewater treatment facilities and provides quality wastewater collection and treatment services to about 360,000 persons and 7,700 commercial and industrial customers located in Providence, North Providence, Johnston, Pawtucket, Central Falls, Cumberland, Lincoln, the northern portion of East Providence, and small sections of Cranston and Smithfield.

Environmental Monitoring and Data Analysis Program Overview

The Environmental Monitoring and Data Analysis (EMDA) section evolved from the Pretreatment section, where prior to 1992, two Engineering Technicians, assisted by Pretreatment staff, implemented the industrial and manhole monitoring activities. With the acquisition of the Bucklin Point Wastewater Treatment Facility in 1992, there were two separate and distinct Pretreatment Programs, one for each treatment facility. Shortly thereafter, the two Pretreatment Programs were united and the Environmental Monitoring Program and Data Analysis section was created within the NBC Planning, Policy and

Regulation Division. Over the years, the Environmental Monitoring and Data Analysis section has evolved and is now responsible not only for industrial and manhole monitoring activities, but for all aspects of environmental monitoring for the NBC. EMDA staff conduct compliance monitoring for both treatment plants, river monitoring to support NBC's Interceptors and Maintenance section in their efforts to quickly locate and stop dry weather discharges of Combined Sewer Overflows (CSO), monitoring the upper bay for fecal coliform contamination to determine background levels as support to NBC Engineering staff to assess the effectiveness of the CSO abatement tunnel and acquire valuable data for future phases of this project, sampling of suspected hazardous waste found in sewers during routine line cleanings and in other NBC facilities during decommissioning and demolition activities, and other sampling as needed. EMDA staff also conducts many sampling initiatives to evaluate effectiveness of new technologies, such as nutrients removal and ultraviolet disinfection, to name just two examples.

In 2002, the NBC was awarded an EPA grant to develop a website to provide real time data of the upper bay receiving waters of the NBC plant outfalls. A fixed site station was constructed at an abandoned pier at Phillipsdale Landing in East Providence, and a state-of-the-art monitoring buoy was acquired and deployed at Bullock's Reach, just north of Conimicut Point in the Upper Narragansett Bay. These sites provided invaluable data to the RI DEM and the scientific community over the past several years and played a key role to these stakeholders in their investigation to understand the August 2003 fish kills associated with hypoxic events in Narragansett Bay. As a result of these fish kill events, the Governor established a Bays, Rivers and Watershed Coordination Team, of which the NBC is a member. The NBC is also a valuable contributing member of the Rhode Island Environmental Monitoring Collaborative, a subgroup of the Coordination team formed by Governor Carcieri. The NBC has coordinated monitoring activities with other agencies performing monitoring statewide, and as a result the NBC EMDA section's role in environmental monitoring and compliance issues continues to expand as compliance issues become ever more complex.

The Environmental Monitoring & Data Analysis Section continues to perform the following monitoring activities:

- Daily sampling of NBC's two plants to satisfy RIPDES requirements;
- Sampling of each Significant Industrial User at least twice annually to satisfy and exceed EPA Pretreatment Program mandates;
- Weekly monitoring of surveillance manholes to satisfy EPA mandates;
- Monitoring of sanitary manholes to obtain data required for local limits development;
- Weekly sampling of the Urban Rivers for bacteria analysis;
- Sampling of 19 locations in the NBC receiving waters of the Providence and Seekonk Rivers for bacteria analysis;
- Special project sampling for the NBC Engineering, Operations and other sections to assist in facilities planning, improvements to plant operations, etc;
- Routine maintenance of the EMPACT monitoring buoy and fixed station site to ensure accurate data to state partners and the public.

The NBC EMDA section has always done an excellent job of implementing monitoring initiatives; however in the past the public has had to specifically request data results of the NBC's sampling activities. In 2005 an annual report summarizing the 2004 monitoring data and activities of the Narragansett Bay Commission's Environmental Monitoring and Data Analysis section was published. This was a great accomplishment to be able to disseminate all of the monitoring data collected by EMDA and provide statistical analyses and discern trends and fluctuations in the data over time; however, because of the vast body of data collected and analysis that was done for each data set, this type of report became too large and cumbersome to create yearly. Therefore, in order to get the data to the public sooner, a more streamlined presentation of data without a formal analysis was created for monitoring results for each year since 2007. This report serves as a format for public dissemination of all 2009 EMDA monitoring data. In the coming months the NBC will publish a series of additional task reports with in-depth interpretation and analysis of the various data sets contained in this report.

Acknowledgements

This report has been prepared by the staff of the Environmental Monitoring and Data Analysis section, under the general direction of Thomas P. Uva, Director of Planning, Policy and Regulation. This report is a summation of the collective efforts by the Environmental Monitors and Monitoring Field Supervisors that collected in excess of 26,089 during 2009. It represents the countless hours of processing, compiling, analyzing and interpreting all the data by the Environmental Scientists and Assistant Manager as all this data will be used to publish task reports, and data entry and general assistance by clerical staff. The laboratory staff analyzed all of the samples collected by the EMDA section. In total, during 2009, the Laboratory generated 102,065 analyses from the samples delivered to it. A special acknowledgement and thank you to the NBC EMDA and Laboratory staffs that made this report possible:

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Field's Point and Bucklin Point POTW
Sample Collection Methodology and Practices

Introduction

It is the Narragansett Bay Commission's (NBC) mission to protect and enhance the water quality of Narragansett Bay and its tributaries through careful collection and treatment of wastewater from residences, businesses and industries in the NBC District. The Environmental Monitoring and Data Analysis (EMDA) section's primary objective is to perform routine and adequate sampling of a wide variety of parameters to ensure that both the Field's Point and Bucklin Point Wastewater Treatment Facilities (WWTF) are effectively meeting operational and RIPDES permit requirements. An extensive sampling schedule employing composite and grab samples within the two wastewater treatment facilities at the raw influent, primary influent, primary effluent, mixed liquor, return activated sludge, final sludge, and final effluent are necessary to keep abreast of what is introduced to and discharged from each plant, and the removal efficiencies of all conventional and non-conventional pollutants. Synthesis of this data is a continuous and ongoing process with monthly evaluations required for RIPDES discharge monitoring reports as well as periodic evaluation of the local limits that the pretreatment section uses to regulate industrial and commercial users (SIU) and ensure that no upset, pollutant pass-through, process interference, or discharge permit limit violations occur. Clean sampling and sample-handling techniques, high quality laboratory measurements, and ease of access to this data are the necessary ingredients to providing accurate data to quickly identify potential problems within the plant, and to routinely reassess the removal efficiency of pollutants. All sample collection, preservation, and storage at the Field's Point and Bucklin Point WWTFs are performed with strict adherence to U.S. EPA protocols. The current RIPDES permits require sampling of the influent and effluent wastewater streams at the Field's Point and Bucklin Point WWTFs for toxic and conventional pollutants on a regular basis.

NBC's continuing goal is to improve receiving water quality by limiting the impact of WWTF effluent on Narragansett Bay. The NBC has analyzed and tracked the toxic pollutant loading trends at its treatment facilities since the creation of the agency. EMDA works in conjunction with the Pretreatment, Laboratory, Operations, and Engineering Sections of NBC to conduct sampling of wastewater from its sources, throughout its collection and treatment systems, and ultimately to its final fate as either sludge or as effluent in Narragansett Bay. In support of NBC's mission and RIDPES requirements, the EMDA section collected 26,089 samples and the NBC lab analyzed these samples for 102,065 parameters during 2009. WWTF sampling data for 2009 is attached and can be found in Tables 1–19. Table numbers are also referred to in each section below.

Collection of Samples at Field's Point and Bucklin Point

Samples collected to evaluate the WWTF process are either composite samples collected over a particular time period or grab samples. Composite samples are formed by combining discrete samples taken at periodic points in time. Refrigerated ISCO autosamplers are used throughout Field's Point and Bucklin Point to collect composite samples on a regular predetermined basis. All refrigerated autosamplers are kept at $4^{o}C$. Grab samples are discrete samples collected at particular time periods but placed into separate sample bottles and are analyzed as individual samples. The differences in sampling between Field's Point and Bucklin Point mainly exist in the influent sampling at the interceptors into the facility and the retention time used to determine when influent and effluent samples are collected. Field's Point influent samples are collected on a time-paced basis at the single interceptor that feeds the facility, after bar screening and prior to grit removal tanks. Influent and effluent samples are collected 12-hours apart with the goal of sampling the same parcel of water as it enters the plant for treatment, and after treatment to evaluate the performance of the plant. Bucklin Point influent samples are collected on a time-paced basis from the two interceptors that feed the facility. Composite samples are collected from both interceptors, the Blackstone Valley Interceptor (BVI) and the East Providence Interceptor (EPI) and mixed flow proportionally. Influent and effluent samples are collected 17-hours apart with the goal of sampling the same parcel of water as it enters the plant for treatment, and after treatment to evaluate the performance of the plant. At both facilities final effluent sample collections are time-paced and downstream of all treatment processes. The final effluent represents wastewater after complete treatment just prior to entering the receiving waters of the Providence or Seekonk River. Collection of the final effluent sample at Field's Point takes place after chlorination and dechlorination of the wastewater, in the outfall channel downstream of the chlorine contact tank. The final effluent sample at Bucklin Point is collected downstream of the UV chamber in the UV building. The following are more detailed descriptions of composite sampling at both WWTFs.

Composite Sampling at Field's Point

Composite sampling at Field's Point is done on a time paced basis. All composite samplers sample the waste stream at 30-minute intervals and take a volume of 100 ml. The samples collected are time-paced 24-hour composites of the wastewater at a sampling location.

EMDA uses refrigerated ISCO 3700 and ISCO 4700 programmable samplers. The samplers are located at the Influent/Grit Building, Primary Influent, Primary Effluent, Mixed Liquor East and Mixed Liquor West, Wet Weather Tank Influent and Effluent, and Final Effluent. Temperatures of the samplers are always maintained at 4 degrees centigrade (acceptable range is 1-5 degrees Centigrade). The Influent Daily/Metals, Primary Effluent, Effluent Daily, and Back-up samplers are configured for 24-hour time-paced composite sampling.

Two types of suction tubing are used for sampling at FPWWTF. Influent and Effluent peristaltic samplers collecting samples for trace metals use suction lines made of Teflon®. Teflon® has characteristics that enable it to be cleaned to trace metal grade. Extra care is required in handling this tubing to prevent cracking due to its brittle nature. Peristaltic samplers not collecting trace metals samples use Tygon® tubing as suction lines. This tubing is much more resilient and pliable. The Teflon® and Tygon® suction lines both measure ½" in outer diameter and ⅜" in inner diameter. Sampler suction lines are changed semi-annually and pump tubing changed every two months. A dilute sodium hypochlorite solution is used to clean both the Teflon® and Tygon® suction line and pump tubing of the automatic samplers weekly. This procedure takes place at the auto sampler collection site. The Teflon® tubing is also acid washed monthly.

The United States Environmental Protection Agency (USEPA) released an assessment of historically used trace metals sampling procedures. The report found that the levels of contamination from the sampling/vessel cleaning process resulted in metals levels higher than the bodies of water being sampled. Therefore, USEPA made a series of recommended sampling techniques for clean sampling that EMDA follows specifically. For Influent/ Grit Building and Final Effluent auto samplers that collect wastewater analyzed for trace metals and nutrients, special clean sampling methods are used to reduce contamination. The method requires acid cleaning of composite containers prior to use and acid cleaning of suction and pump tubing. Blanks are collected to monitor and verify proper cleaning. A Nalgene polyethylene carboy is used to collect composite samples for analyses of these parameters.

Composite sampling at Bucklin Point

Composite sampling at Bucklin Point is time paced. Composite sampling takes place at the Influent, Primary Effluent and Final Effluent (FE). Composite samples from the Blackstone Valley Interceptor (BVI) and the East Providence Interceptor (EPI) are combined and analyzed together for all parameters. The autosamplers sample the wastestream at 30 minute intervals and take a volume of 100 ml. The samples collected are time-paced, 24-hour composites of the wastewater at a sampling location.

All automatic samplers used at the Bucklin Point WWTF are refrigerated samplers. Automatic samplers used include both a peristaltic pump sampler, the ISCO sampler model 3700, ISCO 4700 sampler, and a Sigma sampler model 9000. All sample locations use the ISCO sampler, except for the Primary Treatment Effluent which uses the Sigma sampler. The samplers are configured for 24-hour time paced composite sampling. Temperatures of the refrigerated samplers are always maintained at 4 degrees centigrade (acceptable range is 1-5 degrees centigrade) and their temperature is documented three times a day by EMDA staff. Each composite carboy container has been marked with a permanent marker to identify the sampling location at which it is used.

Influent and effluent peristaltic samplers collecting samples for trace metals use special suction lines made of Teflon®. Teflon® has characteristics that enable it to be cleaned to trace metal grade. Extra care is required in handling this tubing to prevent cracking due

to its brittle nature. Peristaltic samplers not collecting trace metals samples use Tygon® tubing as suction lines. This tubing is much more resilient and pliable. The Teflon® and Tygon® suction lines both measure ½" in outer diameter and ⅜" in inner diameter. Sampler suction lines are changed semi-annually and pump tubing changed every two months. A dilute sodium hypochlorite solution is used to clean both the Teflon® and Tygon® suction line and pump tubing of the automatic samplers weekly. This procedure takes place at the auto sampler collection site. The Teflon® tubing is also acid washed monthly.

As mentioned above for Field's Point, Bucklin Point also uses the EPA recommended clean sampling techniques for sample collection of wastewater for metals and nutrients analyses. A Nalgene polyethylene carboy is used to collect these "clean" composite samples at Bucklin Point. The samplers are equipped with Teflon® (3/8" inner diameter) tubing and a suction line strainer is not employed to reduce contamination. The method requires acid cleaning of composite containers prior to use and acid cleaning of suction and pump tubing. Blanks are collected to monitor and verify proper cleaning. A Nalgene polyethylene carboy is used to collect composite samples for analyses of these parameters. Cleaning and handling of samplers, pump and suction tubing and composite carboys are also outlined in the following sections under the specific parameters analyzed.

Sample Collection for Total Suspended Solids (TSS), Biological Oxygen Demand (BOD) and Fecal Coliform

NBC's RIPDES permits require sampling of TSS and BOD daily using 24-hour composites at both the influent and effluent. As stated above, the influent and effluent samplers collect samples from the waste stream at 30 minute intervals. Carboys with collected sample water are brought to the NBC laboratory for analyses every morning around 8:00 am. EMDA staff cleans sample carboys used for TSS and BOD collections in the dishwasher after each use and carboys are replaced yearly. Tygon® tubing is used with these samplers. A dilute sodium hypochlorite solution is used to clean the suction line and pump tubing weekly. Sampler suction lines are changed semi-annually and pump tubing changed every two months.

At Field's Point WWTF two grab samples are taken at the effluent per flow day for fecal coliform bacteria analyses. EMDA staff takes the first fecal coliform sample at 10:00 weekdays (08:00 on weekends and holidays); operations staff takes the second sample in the time frame of 03:00-05:00. The final fecal coliform value for that day is a geomean of the two grab samples. At Bucklin Point WWTF four effluent grab samples are taken throughout the day for fecal coliform bacteria. A geomean is then determined from these results and is assigned as the fecal coliform value for that day.
The procedure for fecal coliform sampling at both WWTFs is as follows:

- Wearing new, clean Nitrile gloves place sample container in sampling device (an open-ended brass cylinder with the bottle held in place by a small screw running

through the cylinder body. A small wire handle extends from the top of the cylinder with a line attached for lowering into the water)

- Open the sterile 120-ml coliform container by pushing up on cap to break seal. Do not use if seal is broken before opening. Make sure that the sodium thiosulfate pellet remains in the bottle throughout the collection process. This chemical neutralizes residual chlorine if present.
- Place sampling device into the center of the stream, 6 inches below surface, to collect sample.
- Container must be filled to the "EPA FILL LINE".
- Remove coliform bottle from the sampling device and close container by pressing cap from hinge side until it securely snaps shut.
- Secure and seal the sample cover by placing tie on sample container through round hole on lid and pull through.
- Place label on container with time, date, collector's initials and the operator collected TRC value in ppm.
- Place in cooler with ice and transport directly to NBC laboratory.

TSS, BOD and fecal coliform data for 2009 can be found in the attached Tables 1 and 2.

Sample Collection for Metals and Cyanide

Toxic pollutant monitoring requirements include 24-hour composite sample collections for the analysis of copper, mercury, nickel, silver, zinc and cyanide at Field's Point and copper, lead, mercury, nickel, silver, zinc, hexavalent chromium and cyanide at Bucklin Point. Other metals that are analyzed for but are not required by the RIPDES permits include arsenic, aluminum, cadmium, iron, selenium, molybdenum, and tin. Metals and cyanide measurements are required twice-weekly at both plants except for arsenic, selenium, and molybdenum which are collected once per week in the influent and once per month in the effluent. Metals and cyanide data for 2009 can be found in the attached Tables 3-6.

The current method for collection of cyanide at both Field's Point and Bucklin Point mandates nine grab samples to be collected over a 24-hour period, separated by a minimum of two hours. The automated samplers collect discrete samples for CN analysis into one-liter containers that are pre-preserved with sodium hydroxide. These samplers collect a 300 mL sample every two hours for 48 hours, twice a week. At Bucklin Point, composite samples for cyanide and metals at the influent are collected from both interceptors, the Blackstone Valley Interceptor (BVI) and the East Providence Interceptor (EPI) and are composites of nine separate grab samples at each location. These cyanide samples are mixed flow proportionally. At both plants, nine of the twelve grab samples from the twenty-four hour sampling period are composited into a 2 liter HDPE bottle. The pH is tested to insure it is greater than 12 before compositing. The composite is poured off into a 500 mL brown HDPE bottle.

For influent and final effluent auto samplers that collect wastewater analyzed for trace metals, special clean sampling methods are used to reduce contamination. The method requires acid cleaning of composite containers prior to use and acid cleaning of suction and pump tubing. Blanks are collected to monitor and verify proper cleaning. A 15-liter Nalgene polyethylene carboy is used to collect composite samples. Carboy cleaning procedures and quality assurance measures are in place to insure clean and proper sampling. Acid washed carboys are put into place twice weekly at the Influent and Effluent to collect samples to be tested for trace metals and nutrients; this is in conjunction with the samples collected for CN. Monthly post-cleaning blanks are collected from the acid washed carboys to ensure the success of the cleaning procedure. These blanks are collected by adding DI to a cleaned carboy, swirling the DI in the carboy, and letting it sit overnight refrigerated. The DI is then poured off into pre-labeled, pre-cleaned containers for analysis of parameters of interest.

Field blanks are taken each time an analysis is required for Mercury at both Field's Point and Bucklin Point. The procedure for collecting a field blank consists of transporting sufficient DI water into the field and collecting a sample using identical sampling and preserving procedures that are used in collecting the Mercury sample.

Sample Collection for WWTF Nutrients Analysis at Field's Point and Bucklin Point

Permit requirements for nutrients were modified by the Rhode Island Department of Environmental Management (RIDEM) during 2005 as part of new nutrient permit limits issued to reduce the amount of nitrogen discharged to Narragansett Bay. The permit requirements mandate monitoring of nitrate, nitrite, and total kjeldahl nitrogen (TKN) three times per week. Ammonia monitoring permit requirements remained at twice weekly, but NBC has sampled all nutrient parameters three times per week beginning August 1, 2005. Seasonal effluent discharge limits of 5 ppm for total nitrogen were proposed by the RIDEM in the 2005 RIPDES permit modification, and out of this proposed permit came the current nutrient consent agreement between the NBC and RIDEM. In June 2006, a consent agreement was signed, which imposes a seasonal interim effluent permit limit of 18 ppm on total effluent nitrogen at Field's Point and 10 ppm for Bucklin Point. NBC has worked diligently to maximize nitrogen removal at Bucklin Point and has achieved significant reductions in nitrogen loading. However, NBC has determined that additional modifications are required to achieve compliance with the nitrogen limit of 5 mg/l as set forth in the Consent Agreement. At Field's Point, major facility upgrades and renovations are necessary to implement BNR technology, and are currently taking place at the facility.

Nutrients are analyzed from 24-hour composite influent and effluent samples. Samplers automatically collect samples every 30 minutes and composites are delivered to the lab three times per week. EMDA staff regularly clean and replace suction and pump tubing as well as sample collection carboys as part of its clean sampling technique. A dilute sodium hypochlorite solution is used to clean the suction line and pump tubing of the automatic samplers monthly. Sample collection carboys are dishwasher cleaned, acid

washed and DI rinsed before they are placed at their sampling location. Equipment blanks are collected every other month from the acid washed carboys and pump tubing and are used to verify the absence of sample contamination.

All nutrient samples are analyzed by the NBC Laboratory. The nutrients analyzed are total kjeldahl nitrogen (TKN), nitrite, nitrate, ammonia, and total phosphorus. TKN analyses determine both ammonia nitrogen and organic nitrogen in a sample. The organic nitrogen component is necessary to determine and monitor total nitrogen in WWTF effluent. Nitrate is determined by difference from a combined nitrite/nitrate measurement and a nitrite measurement. In addition to the nutrient auto-analyzer acquired by NBC's Laboratory in 2004, a second instrument was acquired in September 2005 for salt water analyses. These instruments show improved analysis efficiency for nutrient measurements, and analytical results from the new equipment continue to produce better precision and accuracy than previous analyses**.** WWTF nutrients data for 2009 can be found in Tables 7 and 8.

Sample Collection for Oil and Grease at Field's Point and Bucklin Point

Based on RIPDES permit requirements, three grab samples are collected over the course of a 24-hour period, with one grab per shift, once a month at both the Field's Point and Bucklin Point influent and effluent for oil and grease. The grabs are analyzed separately and the maximum is reported. The RIPDES permit does not set a discharge limit.

Oil and grease samples are collected using a 10 foot telescoping Nasco swing sampler. A pre-cleaned bottle is labeled with collection time and date, site, and the parameter to be analyzed and attached to the Nasco swing sampler with a plastic strap. The cap is removed, taking care not to contaminate it, and the sampler is then lowered just below the surface. The bottle is filled and then recapped. Oil and grease grabs are preserved with hydrochloric acid to a pH < 2 by EMDA staff, as soon as possible after collection. These samples are then brought to the NBC lab for analysis. Oil and grease data results for 2009 can be found in the attached Table 9.

Sample Collection for Effluent Dissolved Metals Analysis at Field's Point and Bucklin Point

In 2000, the NBC began a study to monitor the dissolved metals fraction of the effluent discharged to the receiving waters of the Providence and Seekonk Rivers. During 2009, Field's Point and Bucklin Point effluent samples were analyzed monthly. The NBC and DEM use this data to better understand the fate, effect, and physical partitioning of metals discharged from the POTWs. Understanding the dissolved and total fractions for each metal, a measure of its phase partitioning, between dissolved and particulate, is important for the calculations of permit discharge limitations. POTWs are permitted in total metals. Therefore, the RIDEM must use a "metal translator conversion factor" to estimate the

POTWs total metal fraction in the receiving waters that will be in the dissolved phase when writing a permit for a wastewater treatment plant.

Metals in the dissolved form are more readily absorbed by marine life than metals associated with particles. Resultantly, the EPA and DEM have established fresh and saltwater water quality criteria in dissolved metals concentrations. By sampling for total and dissolved metals, the NBC will be able to better assess the ratio of dissolved to total metals in POTW effluent and in the receiving waters.

Effluent dissolved metals samples are analyzed once a month and samples are taken from the effluent total metals composite sample on the first Tuesday of each month. The effluent metals sample is a 24-hour composite sample taken after treatment of the wastewater is complete just before entering the Providence River. As part of a quality assurance plan, the NBC lab analyzes laboratory equipment blank samples along with the dissolved metals to insure accurate results. Effluent dissolved metals data results for 2009 can be found in Tables 10 and 11.

Collection of Final Effluent for Quarterly Bioassay Tests

The two NBC Wastewater Treatment Facilities are required to conduct quarterly bioassay studies to determine whole effluent toxicity (WET) to test organisms. NBC conducts chemical analysis and aquatic toxicity testing, using the response of organisms to detect and measure the presence or effect of one or more substances, wastes, or environmental factors, alone or in combination. NBC met the quarterly bioassay sampling frequency requirements during 2009 for both facilities. At both facilities *Americamysis bahia* and *Arbacia punctulata* are tested. Effluent samples are collected only in dry weather, defined as 48 hours prior to or during sampling and are a composite sample collected over a 24 hour period. Composites consist of 195 mL of wastewater collected every 30 minutes over the course of 24 hours. The Back-up automatic composite samplers are used for this sampling and are cleaned and maintained in the same way as those collecting samples for TSS and BOD. EMDA staff cleans the sample carboys in the dishwasher after each use and carboys are replaced yearly. A dilute sodium hypochlorite solution is used to clean the suction line and pump tubing of the automatic samplers weekly.

Two bioassay tests are performed as required by the NBC RIPDES permits; an acute toxicity test in which the whole effluent is tested to examine survivability of test organisms *Americanmysis bahia* in varying concentrations of effluent. The second test is a chronic toxicity test which examined the affect of effluent on the ability of the test organism *Arbacia punctulata* to fertilize eggs in varying concentrations of effluent. Both tests are conducted in five dilutions of effluent plus a control: 100% effluent; 50% effluent; 25% effluent; 12.5% effluent; and 6.25% effluent. The control and seawater used for the dilution is natural seawater.

Analysis of the acute toxicity data provided determination of the LC_{50} and the A-NOEC. The LC_{50} result is defined as the concentration of wastewater that causes mortality to 50% of the test organisms. A-NOEC or Acute-No Observable Effect Concentration is

defined as the highest concentration of the effluent in which 90% or more of the test animals survive. The permit requirement limit of 100% or greater is defined as a sample which is composed of 100% effluent. In addition to the acute toxicity test, the chronic test is performed on *A. punctulata*, which examines for the sublethal effects of effluent concentration on the fertilization of eggs. The permit limit for Bucklin Point is 50% or greater for this parameter while at Field's Point the permit requires only monitoring.

The WET tests are designed to supplement effluent monitoring to determine whether the combination of chemical species present in a WWTFs effluent is toxic to test organisms. The monitoring for individual pollutants is targeted towards ensuring that the concentrations of the individual pollutants are at levels which do not pose harm to aquatic organisms. The WET tests are an attempt to determining the synergistic impact of NBC effluent on receiving waters. All bioassay analyses are performed by third party laboratories contracted by NBC and must be conducted in accordance with protocols listed in the EPA document: Cornelius I. Weber, et. al., 1991. Methods for Measuring the Acute Toxicity of Effluents to Freshwater and Marine Organisms, Fourth Edition (or the most recent edition). Bioassay data results for 2009 can be found in attached Tables 12 and 13.

Sample Collection for Sludge Analysis at Field's Point and Bucklin Point

Sludge from Field's Point WWTF is collected daily and sludge from Bucklin Point WWTFs is collected Monday through Saturday, due to the fact that the contractor processing the sludge is closed on Sundays. Sludge from both plants is analyzed for total solids (TS) and volatile solids (VS). Sludge samples are also analyzed one to two times per month for metals and cyanide. Field's Point WWTF sludge was dewatered on-site using a belt press until December 2005, and is now handled by an outside contractor. Grab samples are taken throughout the day by the contractor and composited in one 4 L container. EMDA staff then pours part of this composite into a 16 oz. container for delivery to the lab by 8:00 AM the next day. These containers are disposed after a single use. At the Bucklin Point WWTF an outside contractor also processes the sludge. Similar to Field's Point, the contractor staff takes grab samples throughout the day and composites these into a 4 L container at the end of the day. This is stored in the refrigerator until EMDA picks up the sample the next morning. EMDA staff mix the sample and pour off approximately 500 mL into a smaller container to bring to the lab for analysis. Data results from sludge sampling for 2009 can be found in attached Tables 14-17.

Sample Collection for VOCs/Priority Pollutants

Grab samples are collected monthly at influent and effluent locations for volatile organic compounds (VOCs). The same glass jars used for oil and grease samples are used for the grab collection. The glass jar is fastened to the end of a pole and dipped in the wastewater to collect the sample. This sample is then poured off into three prepreserved 40 mL glass

vials. The glass vials have been prepreserved with 3 drops of hydrochloric acid in each vial before collection. The glass vials are then transported to the laboratory for analysis. Priority pollutant data results for 2009 can be found in attached Tables 18 and 19.

Sanitary Manhole Monitoring

EPA and RIDPES permit regulations require the NBC Pretreatment Program to reevaluate local discharge limitations every five years. In order to complete this task, the NBC must monitor sanitary manholes to evaluate pollutant loadings from residential sources. One of the primary sources of information regarding the water quality of wastewater in the NBC collection system comes from sanitary and industrial manhole sampling. The NBC began sanitary and combined sewer manhole sampling in 1993, and in 2000, EMDA began to make these collections using EPA approved clean sampling techniques to quantify the background loadings of metals and cyanide from residential and non-industrial sources. As laboratory detection limits continue to decrease due to improved clean sampling handling techniques, these data become a more precise measure of the amount of uncontrolled toxic chemicals that enter the NBC collection system from residential, non-industrial sources.

Sanitary manholes have been identified in residential areas, upstream of any industrial or commercial facilities. These background loadings are outside the realm of control by the NBC regulatory Pretreatment program, but provide the setting for determining how much of a given pollutant that can be accepted and effectively removed at each of the treatment facilities. These samples reveal the composition of what is being introduced into the collection system in a more site-specific way than the influent composite samples.

During 2009, the NBC collected 29 sanitary manhole samples. The collection of sanitary manhole samples works as follows: automated sampling devices suspended in the manholes are programmed to collect 100 mL of wastewater every fifteen minutes for a 24 hour time period during a given weekday starting early morning. The aliquots collect into a 10 L acid washed Nalgene jug over the 24 hour period, and the composite sample is later poured off into specified containers for each different parameter including total metals, cyanide, total suspended solids/biological oxygen demand, and mercury. The initial pH of the composite is taken and recorded on a chain of custody document, and for those parameters that require preserving, the preservative used is marked and the final pH is recorded. After every use, the automated sampling device tubing and jug is acid cleaned, rinsed with DI water, and a cleaning blank is produced.

Cadmium (Cd), chromium (Cr), copper (Cu), lead (Pb), nickel (Ni), silver (Ag), zinc (Zn), cyanide (CN), mercury (Hg), arsenic (As), selenium (Se), and tin (Sn) were measured in both Field's Point and Bucklin Point sanitary manholes in 2009. The geometric mean of the concentrations for each pollutant is reported in order to remove the inherent variability of background sampling and provide the most representative value for these concentrations.

Sanitary manhole data is essential for providing a point of comparison and screening of collection system data to determine problem areas within the collection system. In addition, the sanitary manhole data is necessary for the calculation of the local limits that the NBC imposes on its industrial users. Sanitary manhole data results for 2009 can be found in Table 20.

Significant Industrial User (SIU) Sampling

The Environmental Protection Agency (EPA) requires that all significant industrial users be sampled at least once every twelve months. NBC has established a more stringent goal to sample each user twice per year. Information regarding what is introduced to NBC facilities is gathered through industrial user and industrial manhole sampling, in addition to the required user self-monitoring. The industrial manhole sampling is an additional means to track chemical spills, concentrated, or non-compliant discharges, as well as to ensure that industrial users are in compliance with the limits set by the Narragansett Bay Commission. The NBC collected 1,847 individual sample bottles from industrial users within both service districts during 2009. These 1,847 sample bottles were analyzed for numerous parameters and resulted in 258 sets of industrial user sample results. Industrial user data results for 2009 can be found in Table 21.

Industrial manhole sampling activities are designed to isolate a specific business within the collection system to surreptitiously determine the typical discharge from the business. Samples are taken upstream and downstream of a significant user's discharge point via manholes. The upstream sample serves to establish a background concentration with which to compare the results from the industry, as well as confirm that the source of any contaminants is from the permitted user, not additional sources. The distance between these two sampling locations is typically 150 feet, depending on the location of the nearest manhole.

ICSO 2700 samplers are used to perform both sanitary and industrial manhole sampling, as well as collect plant influent samples. This sampler can be programmed to collect samples every 20 minutes for approximately 32 hours, thereby providing a composited representation of the average discharge for that time period. Samplers can disperse the water collected into up to 24 sample bottles, thereby allowing for an intensive analysis of the variations within the upstream and downstream sample locations, if necessary. A Tygon suction line with a stainless steel strainer attached at the end is used to collect samples from the middle of the waste-stream. Samples are immediately checked for sulfides and chlorides using lead acetate and potassium iodide indicator paper, respectively, as these chemicals can interfere with cyanide measurements. Cyanide sample pH is adjusted using sodium hydroxide to a pH above 12, and metals samples are acidified to a pH of less than 2 with trace metal grade nitric acid. Samples are analyzed for cadmium, chromium, copper, lead, nickel, silver, zinc, and cyanide. All metals were analyzed by Inductively Coupled Plasma – Mass Spectrometry (ICP-MS).

The implementation of clean sampling techniques at the NBC has provided additional means of confirming that industrial discharges do not exceed treatment capacity. The EMDA industrial user sampling supplements the self-monitoring activities, providing a means for enforcing local limits for the pollutants.

Septage Sampling

The NBC receives septage waste, waste pumped out of septic tanks, at the Lincoln Septage Receiving Station in Lincoln, RI. The Lincoln station input point is within the Bucklin Point service district, approximately 11 miles from the Bucklin Point facility. The septage is routinely monitored by the EMDA for toxic constituents to ensure that the material received does not contain toxics in concentrations that exceed NBC's Pretreatment Industrial Discharge Limitations for the Bucklin Point WWTF, to which the waste ultimately discharges. This sampling also helps NBC evaluate the percent of metals loading received from septage into the Bucklin Point WWTF. Septage samples are collected daily Monday-Saturday as composite samples of all of the septage trucked to the NBC Lincoln Septage Receiving Station. All six composite samples are kept refrigerated until they are picked up by EMDA staff on Mondays at the Lincoln Septage Station and are brought to the NBC lab on Tuesdays for analysis. Three daily samples are chosen at random and analyzed by the NBC Laboratory for trace metals and cyanide each week. Interceptor Maintenance staff sample and screen each septage truck's waste delivery for quality by looking at the physical characteristics and by measuring pH during the pump-out at the septage facility. During 2009, 156 septage samples were analyzed for trace metals and cyanide.

New septage sample collection techniques and equipment were introduced in June of 2004. The new equipment allowed for easier, in-line sampling during septage delivery. A sample from each truck is collected after the sample port is flushed thoroughly, usually after the load has discharged, for approximately one minute. The sample from an individual truck is screened for pH, odor, and other unusual characteristics. If any anomaly is observed, the sample is targeted for individual analysis; otherwise it is combined with the day's delivery and sent to the laboratory for analysis. This new sampling protocol has helped to more quickly locate potential toxic inputs to the collection system. These more representative sampling techniques may partially explain the observed increase in septage metal loadings since 2004. Grit removal at the septage facility removes a portion of the metals loading prior to its introduction to the sewer system and the treatment plant. Septage data results for 2009 can be found in Tables 22 and 23.

NBC Receiving Water Monitoring Activities

The NBC not only monitors wastewater from the source (industries and manholes) to the WWTFs and throughout the plant process, but also monitors the receiving waters, where treated effluent and combined sewer overflows enter. NBCs receiving water monitoring includes sampling the surrounding urban rivers and upper bay as well as some of the rivers that enter the upper bay from Massachusetts. The monitoring data is vital to determining the impact of NBC effluent on the river and bay ecosystems. This data will be useful in determining and quantifying the positive results from the CSO abatement project in the upper Bay and will provide insight into the response of the receiving waters to NBC WWTF upgrades. The NBC EMDA section's role in environmental monitoring and compliance issues also continues to expand as compliance issues become ever more complex.

In 2009, EMDA continued sampling for nutrients at several locations in Narragansett Bay and within the watershed at both local river stations and at border stations on the MA/RI border. These measurements are aimed at effectively characterizing the magnitude, composition and distribution of nutrient inputs to these rivers, and comparing these results to previous years to examine factors influencing nitrogen loadings into the bay. The characterization of nutrient loadings and dynamics are an integral part of the nutrient issue. Determination of the background loadings, effluent discharge impacts, and fate of nutrients from the NBC facilities are necessary components of a sound environmental policy on nutrients. This study was undertaken to gain greater insight into the nutrient cycling within the rivers, and to help quantitatively define the amount of nitrogen that the WWTFs can safely discharge without adversely impacting water quality.

In addition to nutrient sampling the NBC conducts routine field sampling for pathogens (disease-causing organisms) in the local freshwater rivers and the estuarine waters of the Providence and Seekonk Rivers. Fecal coliform has been widely accepted as a good indicator of pathogens in waterbodies. Although fecal coliform (composed of a number of similar species of bacteria) does not necessarily contain disease-causing organisms, it is used as an indicator of the *possible* presence of pathogens. Generally, if fecal coliform counts are high, there is a high potential for the presence of other bacteria that could be harmful to both humans and wildlife. Raw, undiluted sewage contains high levels of fecal coliform bacteria because this type of bacteria is found in the feces of all warm-blooded animals, including humans. The wastewater treatment process at NBC's facilities eliminates almost all of these bacteria after the waste passes through primary and secondary treatment and, ultimately, disinfection via chlorination or ultraviolet light. Final effluent wastewater discharged from the Field's Point and Bucklin Point WWTFs has very low levels of fecal coliform bacteria. During small rain events, the two treatment facilities use special wet weather treatment tanks to treat and disinfect the higher volumes of combined rainwater and sewage. However, during intense rain events, the NBC's combined sewer overflows (CSOs) can send untreated stormwater and sewage that the collection system cannot contain directly into the freshwater rivers and upper bay. In recognizing the need to assess the impact that the NBC facilities can have on the water quality of the local rivers and upper bay, fecal coliform bacteria were measured at a

number of locations throughout the urban rivers and the upper bay. A new Water Quality Regulations document was published by the RIDEM in July 2006, which contained a change in the water quality criteria for bacteria. *Enterococci* measurements, considered a more accurate metric for potential human health impacts from primary contact, were adopted to replace fecal coliform as the primary bacteriological indicator for both fresh and saline waters. Fecal coliform is only applied when *Enterococci* data are not available. Therefore, the NBC also conducted *Enterococci* sampling at five of the bay stations and two of the river stations. The NBC has been conducting fecal coliform sampling in the urban rivers for over a decade and with such a historical database we believe it is important to continue these measurements for as long as possible and as long as it takes to determine if there is a consistent relationship between *Enterococci* and fecal coliform results. EMDA also conducts monitoring of particular CSOs during wet weather events when there is discharge from these outfalls. The NBC has embarked on an historic public works project to eliminate the negative impact that CSO overflows have on water quality, with a CSO Abatement Program in which Phase I began operation in the fall of 2008.

As part of investigating the Bay's overall health, the NBC also maintains two water quality monitoring stations located at a dock at Phillipsdale Landing in the Seekonk River and a buoy at Bullock's Reach in the Providence River. The monitoring sites are continuously collecting data on the conditions of the water such as temperature, dissolved oxygen, salinity, pH, and chlorophyll or turbidity.

River and Bay Nutrient Sampling

The NBC has been proactive in responding to the environmental concerns of Narragansett Bay and the state of Rhode Island. As a part of a continuing effort to both address and understand the magnitude of the impacts that facility operations has on our receiving waters, an intensive sampling program of the urban and local rivers that are part of the Narragansett Bay watershed has been developed for nutrient analysis and loading determination. This sampling program was designed to encompass two components: an evaluation of the loading in the urban rivers that empty into Narragansett Bay just upstream of tidal influence, and an evaluation of the nutrients entering Narragansett Bay from Massachusetts. Both components are important to accurately determine the nutrient inputs to Narragansett Bay as well as a means of determining the impact of sources outside of the NBC service district. By determining the magnitude and relative importance of these fluxes, the NBC will be able to more accurately determine the impact of biological nutrient removal (BNR) systems recently constructed at the Bucklin Point facility as well as planned future facility upgrades at the Field's Point facility. This data will also contribute to developing a thorough understanding of nutrient fluxes to Narragansett Bay.

The NBC initiated nutrient monitoring of the local urban rivers in 2005, and expanded the sampling locations to sixteen stations and increased the frequency of sampling to one to two times per month, depending on the station location, in 2006. The locations of sample stations can be found in Figure 1. Sample locations for all freshwater river sites

are as close to the mouth of the river as possible without encountering tidal mixing. Nutrient samples are taken using a peristaltic pump, Tygon tubing, and new plastic sample bottles. All tubing and sample bottles are acid washed and then rinsed with deionized water (DI) before the sampling event and tubing is rinsed with DI between sample stations. Deionized water field blanks, equipment blanks, and duplicates are collected in order to provide a means of determining the accuracy and reproducibility of sampling methods and sample handling techniques. In addition to sampling QA/QC measures, the NBC Laboratory has a rigorous analytical QA/QC program in place for all nutrient samples.

To measure any direct changes in nutrients in the upper bay as a result of WWTF upgrades and the CSO Abatement Project, the Narragansett Bay Commission began sampling for nutrients in the Providence and Seekonk Rivers during the summer of 2005. The direct water column nutrient measurements provide an important look at the amount of nutrients in the upper bay from all sources, including river loading, surrounding WWTFs, atmospheric deposition, groundwater, runoff, leaky septic systems and nutrients from the middle and lower bay area as well as from offshore. Bay sampling stations in 2005 included five surface stations and one bottom station. These bay stations included Conimicut Point, Edgewood Yacht Club, Pomham Rocks, and India Point Park at the surface and Phillipsdale Landing at the surface and bottom. In July 2006, one additional bay station was added as well as bottom samples at all bay stations. The new bay station was located at the Bullock's Reach Buoy, where our fixed continuous water quality monitoring buoy is located. In 2009 NBC sampled surface and bottom at each of the six stations. As seen in Figure 2, the Conimicut Point, Bullock's Reach Buoy, Edgewood Yacht Club and Pomham Rocks stations are located in the Providence River. The Phillipsdale Landing station is located in the Seekonk River at our fixed continuous water quality monitoring dock site and the India Point Park station is located near the mouth of the Seekonk River estuary. All surface collections in bay waters were made at a depth of approximately 0.5-1 meter below the surface. Bottom collections were made approximately 0.5-1 meter above the sediment.

Bay samples were collected, filtered, and preserved on-board the NBC research vessel, the R.V. Monitor. Samples were collected using either an acid-washed and DI rinsed Niskin sampler attached to the boat davit or a Wheaton grab sampler and acid-washed, DI rinsed sample bottle. If the Niskin sampler was used, the sample water was poured off into a sample bottle. Using the water in the sample bottle, the same methods as described above for the freshwater rivers was used for the estuarine samples. Sample splits were also submitted to both the NBC and URI/GSO MERL (MERL) facilities to assure data quality during 2005 and 2006. As with the river samples, deionized water field blanks and duplicates are collected during Bay sampling as well. The NBC laboratory analyzes both freshwater and saltwater nutrient samples for nitrite/nitrate, nitrite, total dissolved nitrogen, ammonia, orthophosphate, and silicate. All nutrient samples were filtered prior to analyses; therefore all results are measurements of the dissolved (or soluble) phase. Grab samples for TSS are also taken at the same time as nutrient samples and analyzed by the NBC laboratory. All data for the 2009 River and Bay Nutrient sampling can be found in the attached Table 24.

Figure 1: NBC River Nutrient Sampling Stations

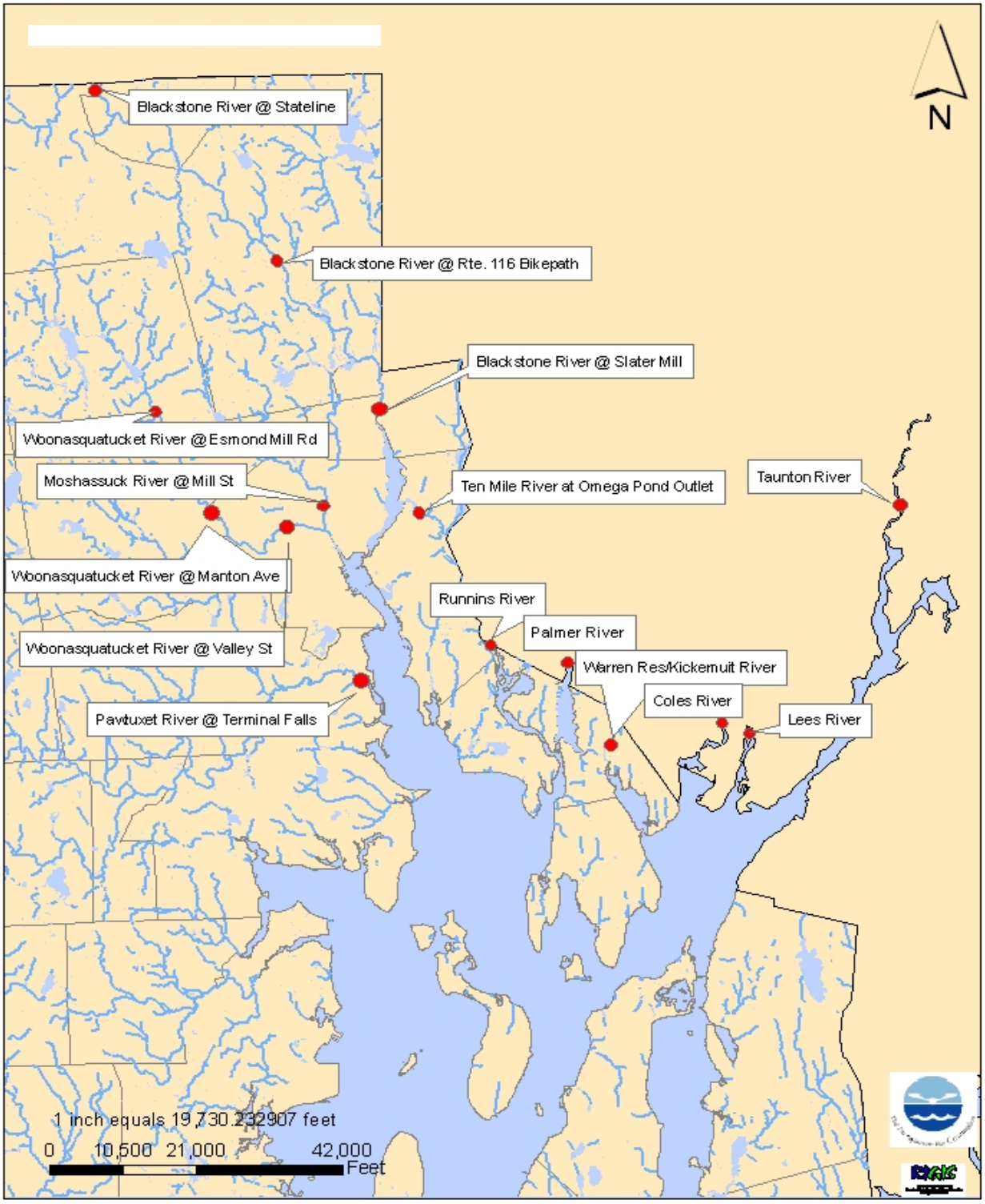
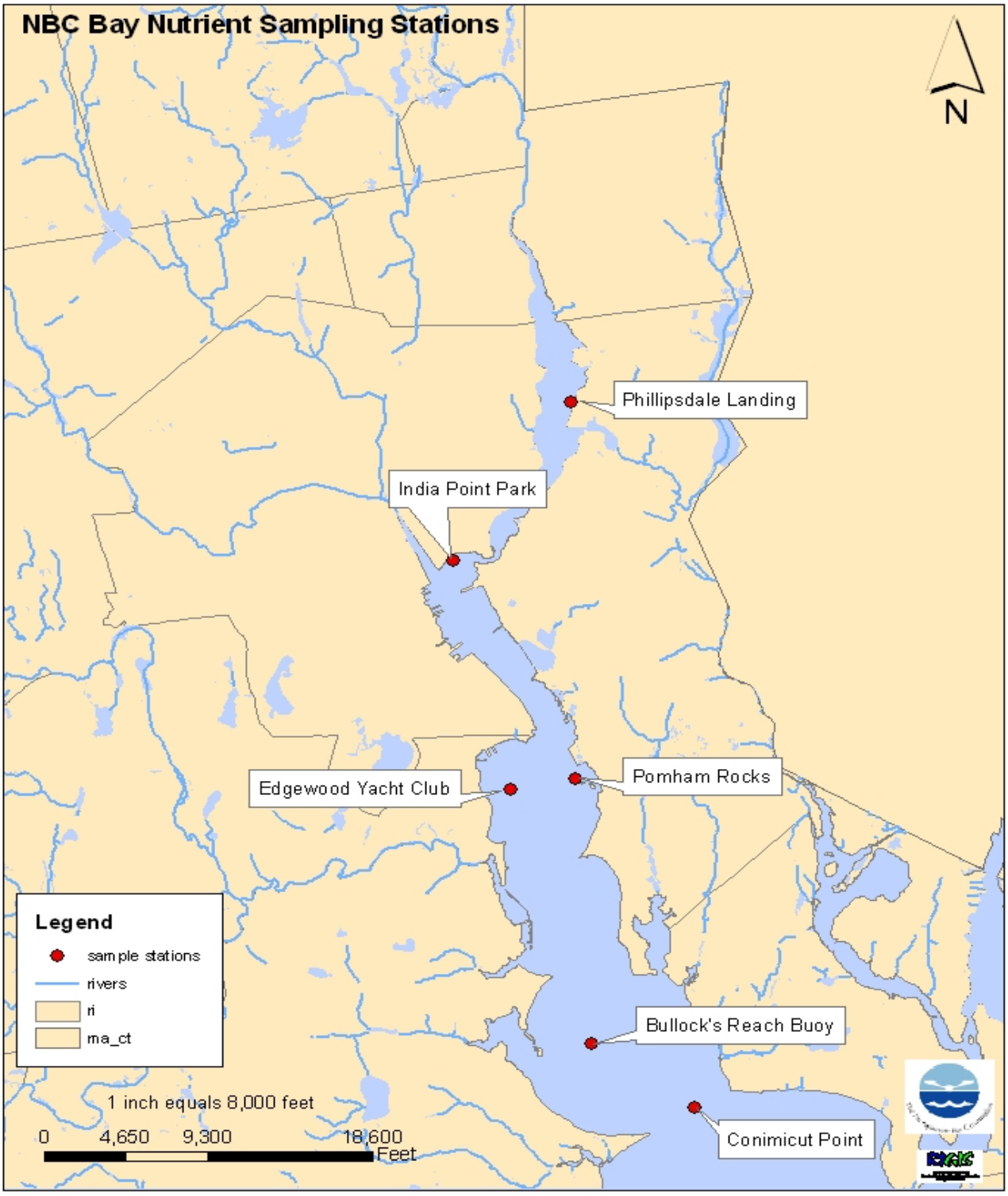


Figure 2: NBC Bay Nutrient Sampling Locations



Urban River Pathogen Monitoring

Consistent monitoring for fecal coliform analysis on the Providence area urban rivers began in 1997 and became the responsibility of EMDA in 1998. It was developed in conjunction with the CSO remediation stakeholders and has developed as a tool of the Interceptor Maintenance (IM) section as a check for potential problems occurring at any of the sixty-seven CSOs the Narragansett Bay Commission owns, operates, and maintains. Routine sample collections for analysis of fecal coliform are made each week, with stations on the Blackstone, Woonasquatucket, Moshassuck, Providence and Pawtuxet Rivers sampled on Mondays and stations on the West, Woonasquatucket, Moshassuck and Providence Rivers on Tuesdays. In the event of a holiday, or any other unforeseen circumstance arising that would prevent the regular schedule, the sampling routine will begin the next day sampling is possible. Samples are collected by Environmental Monitoring Staff in the morning, and delivered to the lab at Field's Point no later than 11:00 AM the day of sampling. All stations sampled on the same river on the same day are collected within a two-hour interval. NBC's Interceptor Maintenance and Construction (IMC), Environmental Monitoring and Data Analysis (EMDA) and Engineering departments determine locations to be added or omitted as needed.

Samples are collected from six sites on the Woonasquatucket River, two sites on the Blackstone River, seven sites on the Moshassuck River, two sites on the West River, and one site each on the Pawtuxet, Providence, and Seekonk Rivers. During 2009, 1631 fecal coliform samples and127 *Enterococci* samples were collected and analyzed. Please see Figure 3 for sampling locations.

In order to improve NBC's identification of dry weather discharges (DWO), in 2002 EMDA began resampling weekly collections when DWOs are suspected, and to identify other sources of bacterial contamination to the rivers. Rivers are not resampled when collections have occurred in times of wet weather, because analytical results are expected to be high due to the normal functioning of CSOs. When results from collections are high (greater than 1000 MPN per 100 mL) and there has been dry weather (no rain i.e. <0.1 inches in the preceding four days), EMDA will resample those stations a second time within the week. Resampling will also occur when results are very high (greater than 10,000 MPN per 100 mL) when no rain has occurred in the preceding two days. These general resampling criteria are subject to change based on river flow, fecal bacteria level at background stations, and staff availability.

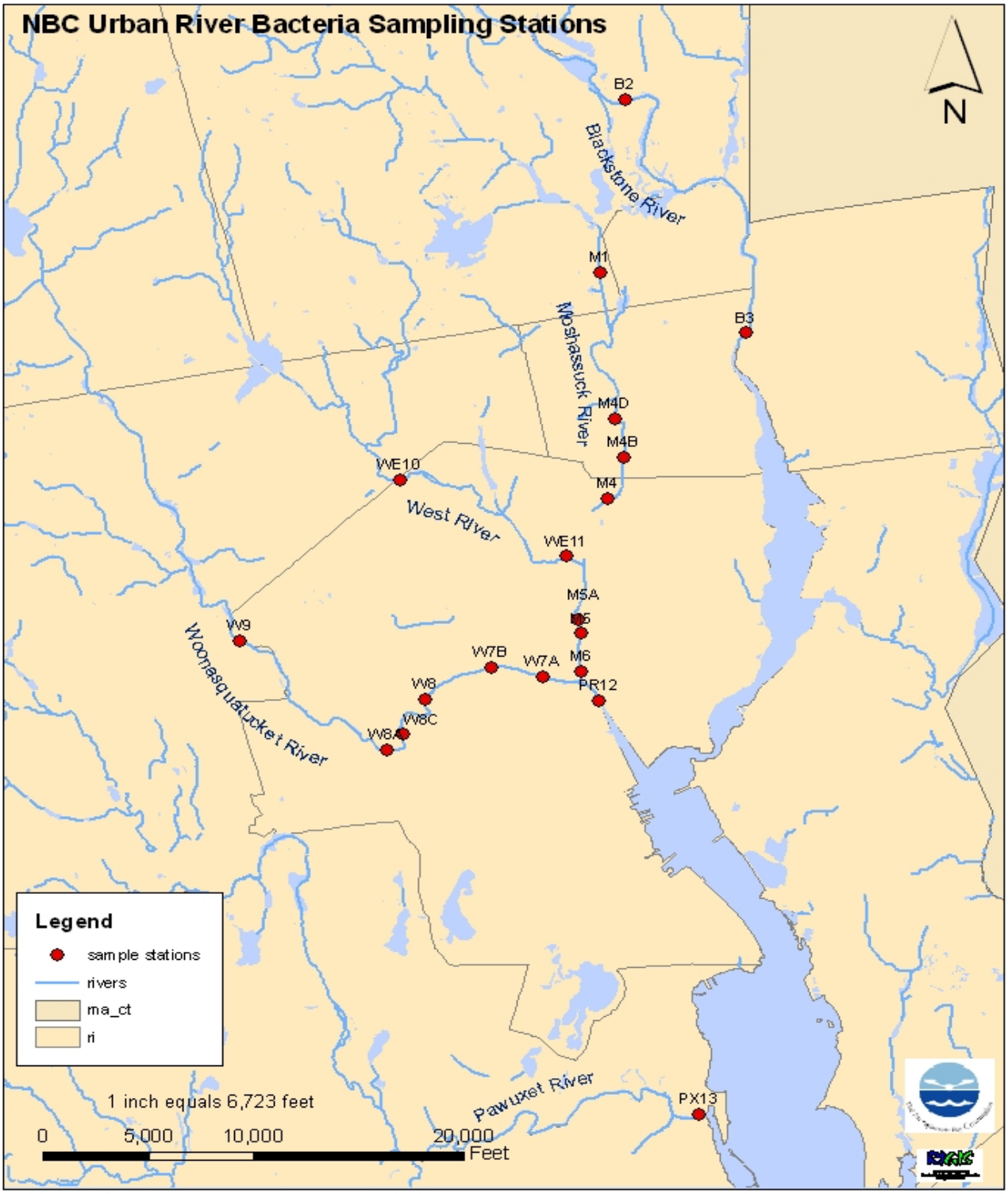
Water samples for fecal coliform analysis are collected from the center of a bridge or from a riverbank. A sterile, 120 mL fecal coliform sample container is used for the sample collection. Collections from bridges have the sample container placed in an open-ended brass cylinder and held in place with a small screw running through the cylinder body. A wire handle extends from the top of the cylinder with a line attached for lowering it into the water stream being sampled. Samples being collected from a riverbank are taken by dipping the sample container in the water stream by hand. The sample is taken as close to the center of the water stream as possible. Once the sample has been collected, the sample container is sealed, and a label with site ID, sample number, date and time of collection and collector's initials is placed on the container. The samples are held in a portable cooler with ice packs (temperature held at 4 degrees

Celsius) for transfer to the lab. All samples are brought to the laboratory within the holding time period (6 hours). If samples do not make it to the lab in time to be analyzed before the holding time, they are discarded and not analyzed.

As part of EMDA's quality assurance for this program, collection and analysis of duplicate fecal bacteria samples occurs on all regular sampling days. These collections and analyses are used to help determine general river variability, namely bacterial "patchiness" in the river, as well as analytical and sampling variability. The two sampling locations that have been chosen as replicate sites are Atwells Avenue (W-8) in Providence on the Woonasquatucket River and at the end of Moshassuck St. (M-4B) in Pawtucket on the Moshassuck River. The Atwells Avenue sampling is conducted from a bridge in the center of the main current flow; the end of Moshassuck Street site sampling is conducted from the riverbank in the center of the main current flow. The duplicate samples are taken simultaneously using a second 120 mL sterile bottle zip tied to the sampling device. Fecal and enterococci data for the sampling stations located in the Woonasquatucket, West, Providence, and Seekonk Rivers can be found in the attached Table 25. Data for the Blackstone, Moshassuck, and Pawtuxet Rivers can be found in the attached Table 26.

Another element of EMDA's quality assurance for this program is the collection and analysis of field blanks. Sample blanks are taken in the field during each fecal coliform sampling day to measure the ability of staff to maintain clean sampling techniques, and to rule out any potential contaminants from normal "open-air" exposure. These blanks are taken using deionized water in place of river water, with the same handling techniques as the actual river samples. The detection limit for these samples was <30 MPN/100 mL. The analytical method used by the NBC Laboratory is the 24-hour Fecal Coliform Determination by Multiple Tube Fermentation, using A-1 broth or media. The Standard Methods reference number is 9221E for this EPA approved methodology. Positive and negative controls are routinely run in the laboratory; in addition, tubes of un-inoculated, freshly prepared media are incubated and analyzed in order to confirm the sterility of the media. The NBC Laboratory is RIDOH certified. All samples are properly preserved prior to analysis at 4 degrees Celsius and holding times are kept to less than four hours, to avoid approaching the maximum six hour limit.

Figure 3: NBC Urban River Bacteria Sampling locations



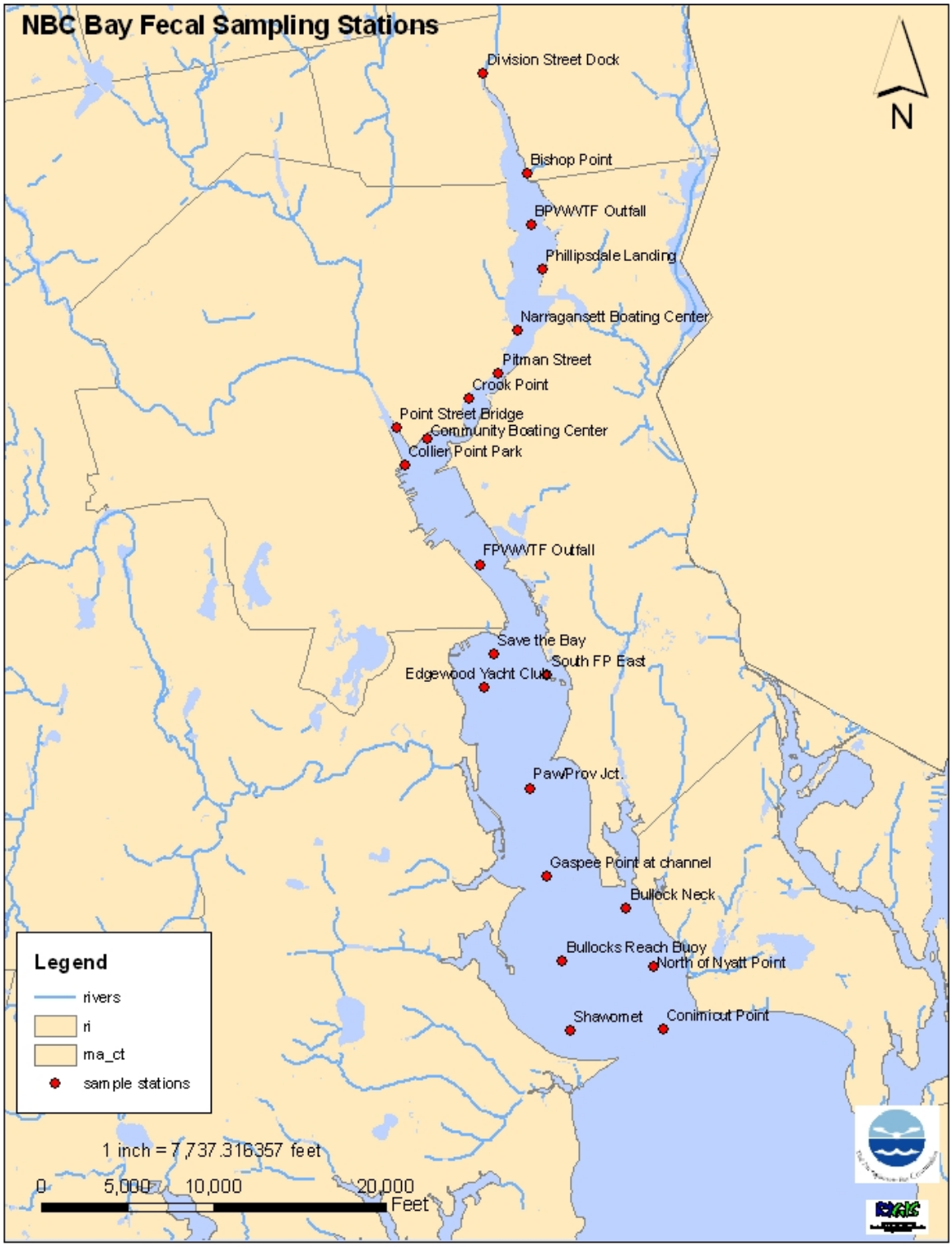
Bay Pathogen Monitoring

Fecal coliform sampling in the Providence and Seekonk Rivers began in 2003 in response to the need to understand the spatial and temporal impacts that discharges within these waterbodies have on Narragansett Bay as a whole. Routine sample collections for the analysis of fecal coliform are made biweekly, usually on Wednesdays or Thursdays, from spring to fall. All station samples are collected within a three-hour interval on the same day. In the event of a holiday, or any other unforeseen circumstance arising that would prevent the regular schedule, the sampling routine will be done the next regular work day. Samples are collected by Environmental Monitoring Staff, and delivered to the lab at Field's Point no later than 12:00 PM the day of sampling.

Bay fecal samples are collected at twenty-two locations in the Seekonk and Providence River. Fecal samples are collected from the NBC research vessel the R/V Monitor at seven sites in the Seekonk River, five sites north of Field's Point WWTF, and ten sites south of Field's Point WWTF; please see Figure 4 for sampling locations. During special events, including after some heavy rainfalls, special sampling may take place that includes collecting bay fecal samples consecutively over several days. Depending on the event, the sample stations may include all of the usual stations, some of the usual stations and/or some additional stations further down the bay.

Water samples for bacteria analysis are collected from the port or starboard side of the EMDA research vessel. A sterile, 120 mL coliform sample container is used for the sample collection. Collections are made by placing the sample container in an open-ended plastic cylinder which is held in place with a small screw running through the cylinder body. A metal handle extends from the top of the cylinder with a vinyl line attached for lowering it into the water being sampled. Once the sample has been collected, the sample container is sealed, and a label with site ID, sample number, date and time of collection is placed on the container. The samples are held in a portable cooler with ice packs or a portable refrigerated cooler (temperature held at 4 degrees Celsius) for transfer to the lab. All samples are brought to the laboratory within the holding time period (6 hours). If samples do not make it to the lab in time to be analyzed before the holding time, they are discarded and not analyzed. Duplicate samples are taken at the Conimicut Point, Field's Point Outfall, and Phillipsdale Landing stations. The duplicate samples for each site are collected simultaneously using a second 120ml coliform bottle. A "blank" sample using deionized water is also taken and brought to the lab along with the fecal samples for quality assurance purposes. In addition to fecal monitoring, five sites are also analyzed for *Enterococci* bacteria. During 2009, 550 bay fecal coliform samples and 122 *Enterococci* samples were collected and analyzed. Please refer to attached Table 27 for 2009 Bay fecal coliform data and to Table 28 for the Bay *Enterococci* data.

Figure 4: NBC Bay Bacteria Sampling Stations



Combined Sewer Overflows (CSO) Wet Weather Sampling

In implementing NBC's policy of protection of Narragansett Bay and its tributary rivers, and to fulfill the requirements of the EPA and RIDEM Nine Minimum Controls Program, the EMDA staff sampled two CSO wet weather overflows during a rain event in 2009. The aim of these wet weather sampling events was to characterize the impact of CSO discharges and to evaluate the success of the NBC Pretreatment and Pollution Prevention Programs at controlling the discharge of toxics through CSOs. The CSO Remediation Project will effectively eliminate 98% of CSO discharges in the near future but all feasible controls are expected to be implemented until that project is completed and the EPA's Capacity, Management, Operations and Maintenance (CMOM) program for the NBC is fully implemented. The 2009 wet weather sampling was conducted on December 3, 2009, a day of approximately 1.71 inches of rain, as measured at the National weather Service at T.F.Green Airport. Rainfall was concentrated early in the morning between 2:30 am and 6 am. Collections were made at CSOs within both the Field's Point service district at outfall 45 at Rathbone St. in Providence, RI, and in the Bucklin Point service district at outfall 218 at Bucklin Brook in Pawtucket, RI. Outfall 45 discharges into the Woonasquatucket River and is tied to a sewer collection drainage basin that includes a mix of residential, industrial, and commercial uses. Outfall 218 discharges into the Seekonk River North of Bucklin Point and is linked to a large sewer drainage basin that is predominantly residential with commercial and industrial inputs. Also sampled was the Bucklin Point North Diversion structure, outfall 002, which is a large interceptor relief CSO located in the BVI interceptor just prior to entering the Bucklin Point treatment plant. The data for CSO #218 can be found in Table 29; the data for CSO #002A can be found in Table 30; and the data for CSO #045 can be found in Table 31.

The sampling plan was designed to collect three samples at each outfall throughout the overflow event. The first sample would be collected during the initial overflow, or first flush, stage and was expected to contain wastewater with the least degree of rain water dilution and the highest concentrations of materials washed from street and land surfaces into the combined sewer system. A second sample would then be taken during the stage of highest overflow rate and a third sample taken near the conclusion of the event. This plan was fully implemented at all outfalls.

Narragansett Bay Fixed Site Water Quality Monitoring

The Narragansett Bay Commission (NBC) funds two fixed site water quality monitoring stations in the Providence and Seekonk Rivers. These stations were created in 2000 as part of the formerly EPA-grant funded Environmental Monitoring for Public Access and Community Tracking (EMPACT) Project. NBC has maintained full funding of these sites since federal grant funding ceased in 2002. The stations have been established in proximity to the Field's Point and Bucklin Point wastewater treatment plant outfalls. The Bullock's Reach station is a floating buoy located between Gaspee Point and Conimicut Point in the Providence River and the Phillipsdale Landing station is a dock site located on the Seekonk River in East Providence. These monitoring stations directly benefit

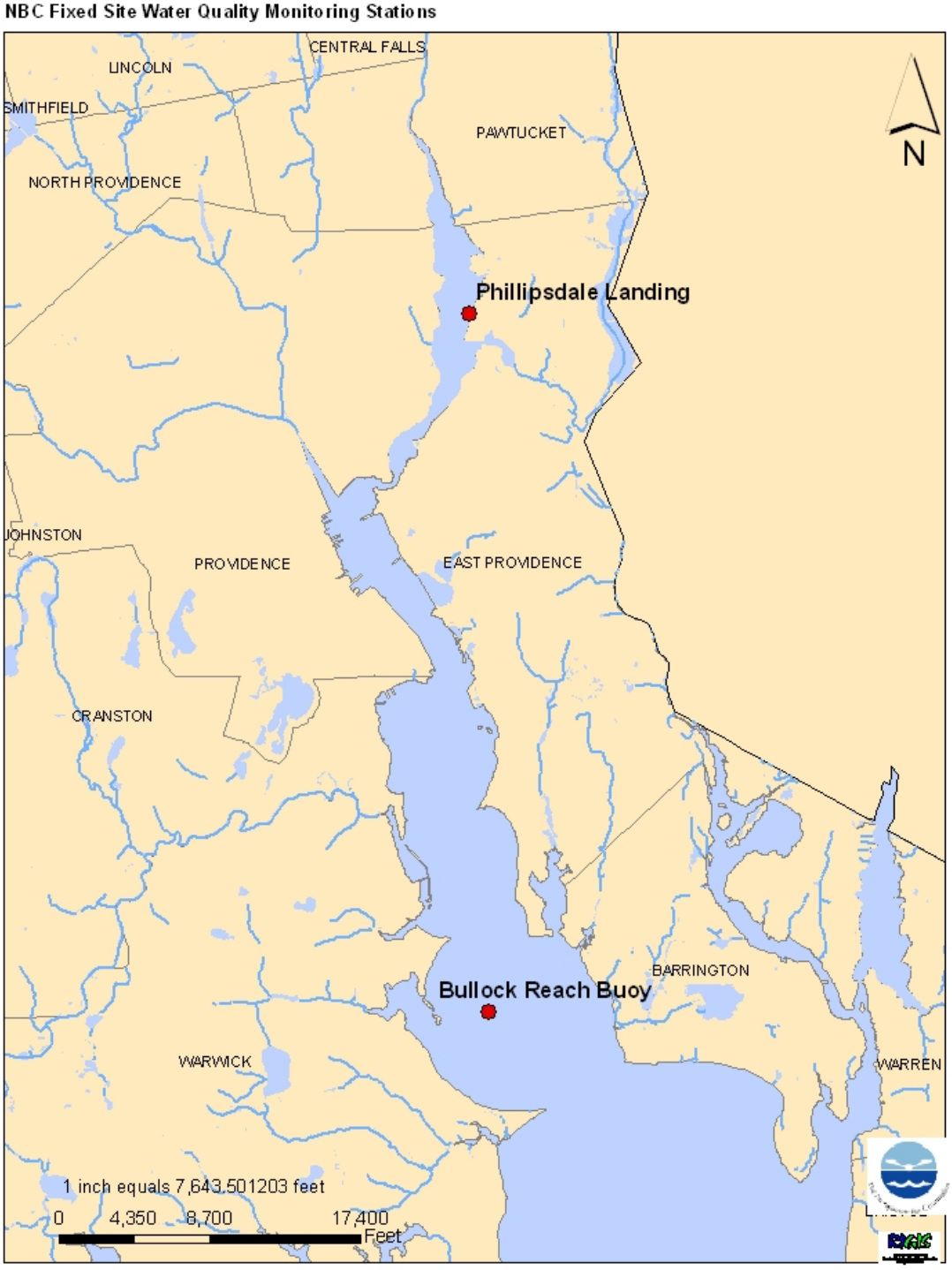
Narragansett Bay research by allowing for continuous, real-time water quality monitoring in the more urbanized portions of the upper Bay. Through radio and land-based phone line telemetry systems, Bay researchers can consistently track changes in the estuaries from remote locations, thus saving valuable resources and decreasing the response time to anomalous conditions. This data also provides a baseline of water quality across seasons and reveals yearly trends.

At the end of 2002, uncorrected raw data from the water quality stations became available for use by the general public via a link on the NBC website, http://www.narrabay.com/empact/. This website presents monitoring station raw data in an easy-to-use and easy-to-understand format, and includes information about the history and future of Narragansett Bay. The NBC EMPACT website represents a comprehensive look at water quality and biological life in upper Narragansett Bay by providing the general public with real-time data and a wide range of information regarding water quality in Narragansett Bay.

State-of-the-art technology at these sites collects measurements for depth, temperature, salinity, pH, dissolved oxygen, turbidity and fluorescence (a proxy for chlorophyll and phytoplankton activity). Data is collected by the use of water quality instruments called sondes, at both the Bullock's Reach buoy and Phillipsdale Landing stations every 15 minutes and is transmitted via radio signal from Bullock's Reach and via landline phone connection from Phillipsdale Landing to a base station at Field's Point every hour. During 2001 and 2002, EMDA and URI-GSO worked together to service and maintain the Bullock's Reach buoy. In 2003, the NBC assumed all buoy maintenance activities and NBC EMDA staff has continued to maintain the buoy as well as the Phillipsdale Landing dock site through 2009. The EMDA staff is also continually making improvements to equipment, infrastructure and QA/QC protocols to ensure the reliability of data collected. Please see Figure 5 for the locations of both fixed site water quality monitoring stations.

EMDA works with the RIDEM, University of Rhode Island (URI) and Narragansett Bay National Estuarine Research Reserve (NBNERR) to coordinate maintenance and data handling efforts with each of these groups who are also maintaining buoy stations and dock sites with the same water quality instruments (YSI 6-series sondes) in other parts of the Bay. This group of statewide collaborators is collectively known as the Narragansett Bay Fixed Site Water Quality Monitoring Network (Fixed Site Network). Through the Fixed Site Network, a standard operating procedure for calibration and maintenance of the sondes as well as data handling has been developed so that each organization will be following the same protocols. The RIDEM maintains a website which allows easy access to data from all of these fixed sites in one central location. This can be accessed at http://www.dem.ri.gov/bart/stations.htm . The RIDEM BART website currently displays a map showing station locations, monthly graphs of summer data and all Fixed Site Network data from 2003 through 2009 in raw, edited and corrected formats.

Figure 5: NBC Fixed Site Water Quality Monitoring Stations



Project Objective

The fixed site water quality monitoring project is very important in understanding the overall health of NBC's receiving waters and will be useful in looking at the response of these waters to future WWTF upgrades. The NBC is also concerned about the issues of hypoxia and eutrophication occurring in the Bay. Hypoxia is the condition that occurs when dissolved oxygen concentrations in water fall below a critical level, negatively affecting biological organisms. As mentioned above, the water quality instruments (sondes) that NBC uses at these fixed sites have dissolved oxygen sensors on them, so the NBC can immediately determine when hypoxia is occurring and for how long. This data is extremely helpful for the NBC, RIDEM and other organizations in studying why these events happen and how the biological organisms in the bay react.

Data from the Bullock's Reach buoy has become very important to the RIDEM in monitoring for low dissolved oxygen events that may require a quick response by their staff. Data from 2009 was sent to the RIDEM weekly during the critical summer months to keep them updated on the water quality status at the Bullock's Reach site. Throughout the years, data from the Bullock's Reach buoy has been useful in RIDEM's analysis of water quality changes in the upper bay, and for periodic fish kills occurring in the upper bay and rivers. The data from these sondes is also being used be in a joint NBC-URI hydrodynamic modeling project that will provide information on currents, flushing and predicted tracks of WWTF effluent in the Providence and Seekonk Rivers.

Sample Design

The Bullocks Reach buoy includes sondes at three depths: surface, mid and bottom. The Bullock's Reach site therefore includes a YSI EMM 700 buoy with one YSI sonde at the surface at an approximate depth of 0.5-1 meter, one YSI sonde at a mid-depth of approximately 2-4 meters and one YSI sonde at the bottom at an approximate depth of 6-7.5 meters. Water quality data is recorded and transmitted at a 15 minute interval from all three depths. In 2009 the buoy position was to the northwest of Conimicut Point at 41^{o}.43.944 North and 71^{o}.22.214 West in about 26 feet of water (about 8 meters), west of the Providence River channel. The surface and mid depth sondes measure depth (m), water temperature (°C), specific conductance (salinity; mS/cm and ppt), pH, dissolved oxygen (% and mg/L), chlorophyll a, (µg/L) and fluorescence (%). The bottom sonde measures depth, water temperature, conductivity (salinity), pH, and dissolved oxygen with the same units as above, along with turbidity (NTU). The buoy is serviced using the NBC's 23-foot Parker research vessel the R/V Monitor, which is kept at the Port Edgewood Marina. A water quality profile is obtained at the buoy during each visit, if possible, using a YSI 600XL sonde, which measures temperature, salinity, pH and dissolved oxygen. Data from the buoy is transferred to the PC in the Field's Point WWTF Process Monitor Room via radio signal every hour and is then viewed by EMDA personnel utilizing the YSI software program EcoWatch. For the 2009 season, the buoy was deployed in the water in early May and sondes began collecting data on 5/12/09 until 10/28/09; the buoy was removed for the season shortly thereafter.

The second continuous monitoring site is a dock site located at Phillipsdale Landing on the east side of the channel of the Seekonk River in East Providence. This site is in about 11.5 feet of water (3.5 meters) and two YSI sondes collect water quality data from two levels, 0.3 m from the surface and 0.5 m off the bottom, at a 15 minute rate. The surface sonde measures depth, water temperature, specific conductance (salinity), pH, chlorophyll a and fluorescence. The bottom sonde measures depth, water temperature, pH, and dissolved oxygen, with both surface and bottom sondes using the same units as noted above at Bullock's Reach. As with the Bullock's Reach data, Phillipsdale Landing data is transferred to the PC in the Field's Point WWTF Process Monitor Room every hour via phone line and is then viewed by EMDA personnel utilizing the YSI software program EcoWatch. Sondes were deployed on 04/07/09 and were removed on 12/13/09 due to concerns of ice build up at the site.

Lab/Field Procedures

Sondes are calibrated before each deployment at each site. All sondes are calibrated using YSI recommended methods in the YSI Operations Manual as well as agreed upon protocols from the Fixed Site Network. All calibrations used YSI standards and were conducted by NBC EMDA staff in the EMDA laboratory. Sondes are then deployed, retrieved after approximately two weeks in the water and then undergo post-deployment checks. Summer deployments are kept to a maximum of two weeks in the water due to fouling concerns. The post-deployment check involved placing the sonde probes in each calibration solution, as done during calibration, to check sonde readings when in that solution of known concentration, pH or NTUs. This data can be used in assessing how closely the sonde is reading to the actual solution levels, and therefore how far it has drifted from the original calibration or if there has been a probe failure. After the deployment period, new, clean, calibrated sondes are deployed at each site.

Data is viewed regularly in EcoWatch while the sondes are deployed and if any problems are seen in the data, an attempt is made to change the sondes out sooner if staff time is available. All sonde swaps, including those done at Phillipsdale Landing, need to be done in dry weather so as not to get water in the sonde connectors.

Once at the site, a vertical profile is done using another YSI sonde instrument that measures depth, water temperature, pH, and dissolved oxygen. The sonde displays readings for these parameters on a small handheld computer and can be held at the same approximate depth as the sondes in the water to compare readings. During site visits, these measurements are compared to the readings from the sondes already in the water ('old') and those that were swapped into the water ('new') at the appropriate depths. If time allows, the profile sonde was also used to take measurements at various depths through the rest of the water column to determine the amount of stratification and differences in parameter values with varying depth. All field work information is recorded on a Field Sheet, which is later placed in a Field Sheet binder in the EMDA office. All calibration, post-deployment and field information is provided in a metadata document to the Fixed Site Network for data editing purposes.

Phillipsdale Landing Dock Site

The Phillipsdale Landing (Phillipsdale) station is unique in that it is very close to large freshwater river sources and is also open to the tidal estuarine Providence River. Therefore, it receives seawater flushing during the tidal cycle and the transport of saltier bottom waters in the form of a salt wedge. This makes the Seekonk River a tidal estuary, defined as a place of fresh and saltwater mixing, in the truest sense. The Phillipsdale Landing site is located very close to shore and is on the edge of the shipping channel in the Seekonk River.

The freshwater rivers feeding the Seekonk River include the Blackstone River which is north of the Phillipsdale site and feeds directly into the Seekonk River as its major source and the Ten Mile River which enters the Seekonk River just south of the Phillipsdale station. The Blackstone River streamflow averages approximately 700 cubic feet per second. For comparison, the next two largest freshwater inputs to Narragansett Bay are the Taunton River, averaging approximately 500 cubic feet per second, and the Pawtuxet River, averaging approximately 300 cubic feet per second.

The location of this site allows staff to have easy access to the water quality instruments from shore, allowing them to get to the instruments more quickly and attempt to remedy any problems.

Bullock's Reach Site

The Bullock's Reach Site sonde location is situated on a floating YSI buoy that is anchored near the edge of the shipping channel in the southern section of the Providence River. This location is in deeper, more saline waters than the Phillipsdale Landing station and is less proximate to fresh water sources and receives a greater degree of dilution by the saltier waters of the mid-Bay. The most proximate freshwater source would be the Pawtuxet River located to the northwest of the buoy site. During the 2009 season the position of the buoy was to the northwest of Conimicut Point at 41^{o}.43.944 North and 71^{o}.22.214 West in about 26 feet of water (about 8 meters), west of the Providence River channel. The bottom and mid depth sondes are attached to the buoy on one line with a mushroom anchor at the bottom and a float just above the sonde to keep it in an upright position. The surface sonde is placed in a PVC tube that is integrated into the buoy that allows protected but free flowing access to the surface water. Power to the buoy is maintained by a solar powered battery.

Data Management

Currently, the Bullock's Reach and Phillipsdale Landing sites are programmed to transmit data every hour to a computer referred to as the base station at NBC. This data is then stored on the computer in monthly files. The data can be uploaded and viewed anytime in order to assess and troubleshoot problems. During the summer months, the raw unedited data is also sent to the Fixed Site Network coordinator to determine if the Bay is experiencing hypoxic conditions and is then posted on the RIDEM's BART

website. At the conclusion of the season, all data is sent to the Fixed Site Network coordinator for further editing and correcting. The data was not included in paper format as with the other tables due to the extensive nature of this sampling.

Field's Point 2009 Wastewater Treatment Plant
TSS, BOD and Fecal Coliform Data

Date	Fecal Coliform Bacteria (MPN/100mL)	Influent flow (MGD)	Raw Influent TSS (mg/L)	Raw Influent BOD (mg/L)	Final Effluent TSS (mg/L)	Final Effluent BOD (mg/L)
1/1/09	8	48.46	81	111.5	15	20
1/2/09	5	48.76	89	135.0	17	24
1/3/09	11	46.84	90	149.4	13	23
1/4/09	13	44.46	107	124.1	19	30
1/5/09	12	44.57	109	132.6	16	38
1/6/09	39	53.51	94	115.9	14	36
1/7/09	50	71.28	153	118.8	23	37
1/8/09	26	70.56	73	89.2	13	45
1/9/09	29	68.50	89	98.7	15	32
1/10/09	14	60.14	91	113.8	15	31
1/11/09	20	48.50	84	127.3	13	25
1/12/09	39	49.16	103	130.1	12	19
1/13/09	28	50.32	98	120.8	12	23
1/14/09	6	44.10	104	138.2	26	35
1/15/09	20	48.36	116	130.6	9	18
1/16/09	26	44.20	84	153.6	16	29
1/17/09	7	44.04	113	144.6	10	22
1/18/09	14	41.59	125	147.0	8	22
1/19/09	20	42.71	118	160.7	15	16
1/20/09	29	42.86	94	132.2	16	27
1/21/09	49	41.09	150	146.1	17	20
1/22/09	37	43.97	95	143.4	15	22
1/23/09	62	43.98	107	142.1	11	23
1/24/09	25	39.95	101	158.3	10	22
1/25/09	15	38.66	120	133.5	13	17
1/26/09	23	42.79	106	159.5	11	27
1/27/09	25	38.48	115	161.6	14	27
1/28/09	50	57.24	161	117.0	7	19
1/29/09	39	56.48	89	114.2	17	25
1/30/09	26	54.70	85	123.6	16	25
1/31/09	16	50.63	81	117.2	11	20
2/1/09	7	43.94	99	138.2	13	24
2/2/09	9	46.60	109	141.0	4	13
2/3/09	15	44.11	95	132.0	7	11
2/4/09	23	40.84	124	162.0	9	20
2/5/09	50	42.26	108	138.7	16	19
2/6/09	11	38.69	128	191.3	14	20
2/7/09	15	43.93	124	158.0	8	13
2/8/09	15	52.13	122	115.4	5	13
2/9/09	13	52.13	83	128.5	7	15
2/10/09	25	41.73	81	122.4	11	20
2/11/09	63	50.30	135	155.6	4	14
2/12/09	15	52.35	111	119.2	10	12
2/13/09	6	44.19	96	150.9	11	15
2/14/09	7	46.41	98	104.3	6	12
2/15/09	12	40.63	95	136.9	10	19
2/16/09	18	43.13	100	162.6	9	20
2/17/09	14	42.66	101	156.1	11	15
2/18/09	10	56.29	145	140.6	8	15
2/19/09	30	59.78	117	124.8	12	14

Table 1: Field's Point TSS, BOD, and Fecal Coliform Data

Field's Point 2009 Wastewater Treatment Plant
TSS, BOD and Fecal Coliform Data

Date	Fecal Coliform Bacteria (MPN/100mL)	Influent flow (MGD)	Raw Influent TSS (mg/L)	Raw Influent BOD (mg/L)	Final Effluent TSS (mg/L)	Final Effluent BOD (mg/L)
2/20/09	12	50.31	91	141.7	13	17
2/21/09	15	41.81	91	136.8	10	16
2/22/09	10	57.77	101	92.7	6	12
2/23/09	34	55.48	76	132.3	9	14
2/24/09	23	61.23	87	122.5	10	16
2/25/09	15	45.31	80	141.4	17	19
2/26/09	23	44.32	107	155.1	10	14
2/27/09	15	50.86	134	164.0	7	13
2/28/09	39	51.03	77	124.5	13	13
3/1/09	41	43.33	93	129.5	10	16
3/2/09	17	42.33	93	161.9	8	10
3/3/09	37	44.45	101	151.5	14	19
3/4/09	23	42.85	97	146.9	15	15
3/5/09	17	47.05	101	133.4	11	13
3/6/09	30	52.35	101	133.5	10	13
3/7/09	10	55.36	90	157.0	9	12
3/8/09	30	51.98	106	143.5	10	14
3/9/09	30	69.73	109	109.4	12	12
3/10/09	25	60.30	76	116.0	10	17
3/11/09	30	62.38	82	106.5	12	14
3/12/09	33	53.53	96	97.6	10	13
3/13/09	40	50.09	107	134.5	13	14
3/14/09	26	47.20	96	157.2	14	17
3/15/09	46	46.63	86	131.2	13	14
3/16/09	40	46.11	103	145.3	9	13
3/17/09	23	44.08	109	133.4	6	11
3/18/09	41	49.24	93	117.7	6	17
3/19/09	39	46.01	129	145.9	20	15
3/20/09	13	44.35	106	134.0	8	13
3/21/09	9	41.19	93	154.8	12	11
3/22/09	32	41.13	99	155.6	9	13
3/23/09	5	41.03	111	111.6	7	8
3/24/09	19	42.97	109	121.3	9	11
3/25/09	30	40.79	103	128.1	16	9
3/26/09	17	46.10	150	183.6	13	26
3/27/09	25	43.62	110	166.2	14	13
3/28/09	29	40.22	118		15	
3/29/09	46	56.59	123	140.0	15	17
3/30/09	30	50.25	105	106.2	18	16
3/31/09	50	50.32	84	77.0	10	12
4/1/09	50	43.41	119	152.5	13	17
4/2/09	29	43.72	117	154.0	6	8
4/3/09	42	61.29	153	105.1	13	14
4/4/09	43	57.21	71	146.3	7	8
4/5/09	38	62.13	73	112.9	10	11
4/6/09	18	70.94	123	119.8	6	6
4/7/09	49	70.56	75	76.5	8	6
4/8/09	81	68.12	65	85.1	10	4
4/9/09	39	68.90	92	107.5	16	8
4/10/09	42	57.22	108	125.9	8	11

Table 1: Field's Point TSS, BOD, and Fecal Coliform Data

Field's Point 2009 Wastewater Treatment Plant
TSS, BOD and Fecal Coliform Data

Date	Fecal Coliform Bacteria (MPN/100mL)	Influent flow (MGD)	Raw Influent TSS (mg/L)	Raw Influent BOD (mg/L)	Final Effluent TSS (mg/L)	Final Effluent BOD (mg/L)
4/11/09	25	67.08	64	84.3	11	7
4/12/09	57	70.43	53	77.6	4	8
4/13/09	39	63.82	86	75.0	9	7
4/14/09	50	50.15	98	112.3	7	7
4/15/09	81	50.45	90	149.1	9	12
4/16/09	50	47.56	106	131.5	11	12
4/17/09	46	48.85	102	140.2	11	10
4/18/09	39	44.93	91	127.1	11	13
4/19/09	62	46.59	100	114.5	11	12
4/20/09	57	54.68	219	225.5	11	8
4/21/09	62	83.09	101	86.0	15	14
4/22/09	80	69.93	65	73.4	15	9
4/23/09	41	72.53	80	121.4	7	10
4/24/09	49	71.77	82	91.3	10	9
4/25/09	23	69.48	63	78.6	5	9
4/26/09	20	66.85	101	132.9	7	9
4/27/09	18	53.44	113	174.9	8	6
4/28/09	18	50.12	98	132.2	2	7
4/29/09	39	51.08	110	156.2	6	7
4/30/09	11	47.02	91	133.5	10	11
5/1/09	30	46.21	99	145.4	9	12
5/2/09	13	48.11	102	160.6	6	9
5/3/09	50	44.85	95	122.1	13	15
5/4/09	50	43.98	135	137.3	11	11
5/5/09	20	67.61	137	121.5	12	12
5/6/09	37	68.51	95	83.3	9	7
5/7/09	49	70.12	89	103.2	12	11
5/8/09	26	69.65	91	100.2	10	8
5/9/09	34	55.40	97	137.4	10	11
5/10/09	40	45.06	96	115.1	15	10
5/11/09	50	43.93	109	135.1	12	12
5/12/09	34	45.90	203	210.2	21	16
5/13/09	102	46.59	105	114.3	13	13
5/14/09	95	49.37	126	149.3	22	22
5/15/09	170	46.02	114	157.2	20	22
5/16/09	84	46.71	103	158.6	13	16
5/17/09	136	45.86	97	127.2	11	19
5/18/09	80	42.39	121	148.0	16	14
5/19/09	39	40.68	123	155.9	14	19
5/20/09	106	42.29	141	144.6	14	11
5/21/09	102	39.81	135	176.1	14	16
5/22/09	124	39.68	137	180.3	17	15
5/23/09	80	41.84	143	184.7	13	18
5/24/09	155	45.47	140	188.4	24	28
5/25/09	292	39.24	99	129.7	17	19
5/26/09	173	40.20	120	136.3	16	13
5/27/09	144	40.74	136	130.9	18	20
5/28/09	92	40.10	139	177.0	18	14
5/29/09	112	41.57	140	173.4	18	19
5/30/09	16	38.99	121	184.5	15	18

Table 1: Field's Point TSS, BOD, and Fecal Coliform Data

Field's Point 2009 Wastewater Treatment Plant
TSS, BOD and Fecal Coliform Data

Date	Fecal Coliform Bacteria (MPN/100mL)	Influent flow (MGD)	Raw Influent TSS (mg/L)	Raw Influent BOD (mg/L)	Final Effluent TSS (mg/L)	Final Effluent BOD (mg/L)
5/31/09	102	38.42	127	132.2	9	15
6/1/09	39	37.05	151	155.5	16	10
6/2/09	39	35.70	126	173.0	15	11
6/3/09	26	40.91	118	161.2	17	12
6/4/09	81	39.27	175	191.4	21	19
6/5/09	7	49.86	148	161.3	29	25
6/6/09	17	39.30	77	161.3	18	13
6/7/09	5	36.67	107	134.1	18	12
6/8/09	23	37.43	137	151.0	24	15
6/9/09	20	45.26	156	138.2	19	15
6/10/09	14	38.89	124	149.5	8	9
6/11/09	49	41.06	165	172.4	17	14
6/12/09	80	54.46	121	159.5	8	12
6/13/09	14	41.06	113	142.3	10	10
6/14/09	47	55.70	122	108.9	11	14
6/15/09	30	51.59	110	105.1	9	9
6/16/09	30	37.50	134	160.7	3	9
6/17/09	26	38.62	139	159.7	10	9
6/18/09	158	56.42	147	153.0	19	7
6/19/09	130	68.32	82	118.8	5	8
6/20/09	26	47.54	88	123.8	6	6
6/21/09	5	40.68	105	130.0	4	5
6/22/09	2	54.15	133	122.7	11	9
6/23/09	2	39.24	137	121.9	10	16
6/24/09	5	41.56	127	156.7	10	10
6/25/09	20	40.04	119	171.1	12	14
6/26/09	3	41.15	129	186.0	10	15
6/27/09	3	37.86	115	166.9	11	11
6/28/09	5	42.25	119	135.6	4	11
6/29/09	32	41.28	157	96.6	10	8
6/30/09	72	39.64	105	125.0	10	13
7/1/09	122	62.52	111	104.5	16	17
7/2/09	11	67.66	132	126.5	8	10
7/3/09	3	63.64	77	98.4	11	10
7/4/09	2	67.53	51	97.5	5	12
7/5/09	2	56.69	75	107.6	7	12
7/6/09	2	42.36	106	144.5	9	10
7/7/09	2	63.06	151	120.2	13	17
7/8/09	2	63.23	79	100.0	8	10
7/9/09	2	46.57	94	100.7	9	12
7/10/09	2	40.25	108	164.2	9	13
7/11/09	2	51.32	125	160.2	11	13
7/12/09	2	44.84	85	108.8	5	11
7/13/09	2	41.69	105	140.8	8	13
7/14/09	2	40.46	95	129.8	10	11
7/15/09	3	39.87	119	152.1	7	14
7/16/09	5	41.91	133	154.9	14	16
7/17/09	12	47.36	141	170.7	16	20
7/18/09	3	55.22	81	133.9	15	18
7/19/09	4	36.46	96	129.2	5	9

Table 1: Field's Point TSS, BOD, and Fecal Coliform Data

Field's Point 2009 Wastewater Treatment Plant
TSS, BOD and Fecal Coliform Data

Date	Fecal Coliform Bacteria (MPN/100mL)	Influent flow (MGD)	Raw Influent TSS (mg/L)	Raw Influent BOD (mg/L)	Final Effluent TSS (mg/L)	Final Effluent BOD (mg/L)
7/20/09	2	42.56	137	175.0	11	11
7/21/09	5	62.00	116	115.1	16	22
7/22/09	3	63.68	73	124.2	5	10
7/23/09	13	68.91	99	126.3	10	14
7/24/09	7	79.42	77	85.7	9	10
7/25/09	25	68.32	55	99.3	5	9
7/26/09	14	65.48	69	96.3	9	8
7/27/09	46	69.58	74	95.7	8	13
7/28/09	25	63.83	72	111.0	7	13
7/29/09	15	49.27	94	155.6	12	12
7/30/09	17	52.35	128	135.0	17	19
7/31/09	30	62.13	81	95.6	6	25
8/1/09	27	51.32	80	143.1	13	15
8/2/09	55	44.86	98	128.0	16	21
8/3/09	43	43.27	120	146.0	19	25
8/4/09	75	43.01	97	134.5	14	17
8/5/09	39	50.93	111	144.5	18	23
8/6/09	74	40.39	121	179.1	16	19
8/7/09	106	42.24	106	164.4	15	18
8/8/09	94	39.72	112	167.0	17	22
8/9/09	155	39.11	113	162.0	11	16
8/10/09	25	40.04	130	169.7	18	21
8/11/09	49	50.13	146	154.7	16	26
8/12/09	55	41.55	141	163.2	14	14
8/13/09	43	37.85	116	176.1	11	15
8/14/09	62	37.76	121	176.3	10	15
8/15/09	155	38.44	124	162.7	9	14
8/16/09	63	35.47	115	225.5	10	15
8/17/09	81	39.12	133	168.2	19	17
8/18/09	80	37.78	119	162.9	10	14
8/19/09	39	43.08	127	157.3	11	16
8/20/09	15	39.20	133	179.5	12	11
8/21/09	19	38.81	136	184.8	12	15
8/22/09	57	42.42	164	221.1	10	16
8/23/09	37	34.19	125	170.3	5	12
8/24/09	141	38.78	136	189.1	20	17
8/25/09	83	35.77	130	175.0	17	12
8/26/09	387	37.87	177	192.1	22	13
8/27/09	62	34.13	149	190.1	16	14
8/28/09	155	47.34	159	189.2	19	20
8/29/09	63	60.81	81	84.3	17	15
8/30/09	95	60.00	57	99.3	14	14
8/31/09	196	55.66	91	121.5	7	10
9/1/09	41	35.99	148	182.0	10	8
9/2/09	17	34.91	139	177.4	10	9
9/3/09	8	36.37	134	160.9	9	9
9/4/09	14	33.72	147	202.6	14	12
9/5/09	14	35.10	145	206.7	12	8
9/6/09	15	32.29	132	157.9	14	13
9/7/09	13	34.08	140	171.3	12	14

Table 1: Field's Point TSS, BOD, and Fecal Coliform Data

Field's Point 2009 Wastewater Treatment Plant
TSS, BOD and Fecal Coliform Data

Date	Fecal Coliform Bacteria (MPN/100mL)	Influent flow (MGD)	Raw Influent TSS (mg/L)	Raw Influent BOD (mg/L)	Final Effluent TSS (mg/L)	Final Effluent BOD (mg/L)
9/8/09	49	36.58	166	207.9	13	14
9/9/09	117	33.68	153	215.8	13	17
9/10/09	33	34.95	149	191.6	13	13
9/11/09	300	55.32	156	142.2	23	28
9/12/09	429	62.08	89	97.9	14	19
9/13/09	30	60.64	70	96.6	8	11
9/14/09	13	55.50	94	125.0	12	13
9/15/09	4	36.68	145	197.1	12	11
9/16/09	8	37.15	134	178.2	12	10
9/17/09	2	34.00	131	179.7	11	8
9/18/09	10	34.93	147	169.6	11	11
9/19/09	2	36.15	114	176.5	7	11
9/20/09	2	35.59	134	164.0	6	10
9/21/09	2	35.22	138	160.3	11	8
9/22/09	3	35.87	154	180.8	15	13
9/23/09	4	33.70	141	184.3	12	12
9/24/09	3	32.51	141	189.6	8	11
9/25/09	3	35.33	126	165.9	12	10
9/26/09	5	34.72	136	205.5	15	15
9/27/09	38	49.00	147	179.8	16	17
9/28/09	10	42.24	141	235.8	17	23
9/29/09	13	36.81	124	138.6	10	10
9/30/09	7	34.86	163	170.1	15	17
10/1/09	10	32.17	128	180.9	14	17
10/2/09	50	36.03	171	188.5	12	17
10/3/09	25	60.39	89	99.3	14	19
10/4/09	32	59.41	63	97.4	13	19
10/5/09	50	54.86	97	115.3	9	18
10/6/09	49	35.43	147	180.6	9	15
10/7/09	107	61.38	131	109.9	11	17
10/8/09	117	46.27	125	139.3	11	17
10/9/09	300	40.89	166	185.1	16	21
10/10/09	387	37.70	109	201.2	7	15
10/11/09	297	34.50	118	158.4	12	16
10/12/09	20	32.51	134	174.3	9	16
10/13/09	102	38.22	125	151.0	13	18
10/14/09	14	35.61	151	167.7	14	16
10/15/09	16	43.13	143	157.9	14	23
10/16/09	23	37.19	123	148.1	11	15
10/17/09	10	36.36	111	171.5	10	13
10/18/09	34	62.03	100	85.5	9	14
10/19/09	61	61.92	79	93.6	20	27
10/20/09	26	45.89	113	133.0	13	17
10/21/09	46	37.47	148	156.0	15	17
10/22/09	62	37.70	125	167.4	12	17
10/23/09	117	39.96	111	163.1	14	21
10/24/09	387	65.84	132	121.7	16	32
10/25/09	109	59.31	79	82.3	17	25
10/26/09	49	64.61	78	88.4	14	21
10/27/09	124	56.37	88	124.0	14	19

Table 1: Field's Point TSS, BOD, and Fecal Coliform Data

Field's Point 2009 Wastewater Treatment Plant
TSS, BOD and Fecal Coliform Data

Date	Fecal Coliform Bacteria (MPN/100mL)	Influent flow (MGD)	Raw Influent TSS (mg/L)	Raw Influent BOD (mg/L)	Final Effluent TSS (mg/L)	Final Effluent BOD (mg/L)
10/28/09	65	67.15	105	117.6	9	14
10/29/09	49	63.49	85	99.5	14	25
10/30/09	18	42.32	113	160.6	15	25
10/31/09	41	45.19	105	149.4	7	17
11/1/09	34	39.74	111	157.4	14	22
11/2/09	30	43.17	123	161.3	13	20
11/3/09	50	40.23	121	149.6	14	22
11/4/09	173	40.84	136	153.9	15	20
11/5/09	23	38.08	134	174.0	16	23
11/6/09	63	39.34	115	164.9	10	21
11/7/09	32	38.08	128	175.2	8	19
11/8/09	145	37.53	125	167.4	10	22
11/9/09	92	37.49	148	192.6	12	17
11/10/09	63	38.33	131	160.4	13	20
11/11/09	92	35.89	146	181.5	10	13
11/12/09	20	37.38	131	158.3	10	14
11/13/09	81	38.92	147	195.2	13	18
11/14/09	81	71.80	111	94.9	21	27
11/15/09	52	62.35	65	104.1	15	19
11/16/09	50	67.49	67	99.0	19	29
11/17/09	41	63.80	75	102.5	25	38
11/18/09	20	42.90	111	154.1	14	21
11/19/09	39	44.74	122	166.9	12	18
11/20/09	73	64.41	104	113.2	7	14
11/21/09	107	61.07	87	112.7	13	16
11/22/09	4	42.21	90	125.4	9	14
11/23/09	3	55.52	104	128.0	11	15
11/24/09	20	49.81	89	121.1	11	14
11/25/09	30	41.40	106	153.2	14	22
11/26/09	10	44.96	114	167.2	13	19
11/27/09	10	62.25	106	121.1	10	14
11/28/09	49	53.29	73	118.4	15	21
11/29/09	13	41.56	114	150.1	18	20
11/30/09	19	52.54	109	135.6	7	15
12/1/09	21	42.12	98	135.8	16	25
12/2/09	50	51.93	126	162.1	18	18
12/3/09	39	68.43	83	121.5	13	14
12/4/09	80	69.24	65	88.6	12	13
12/5/09	50	71.70	69	90.3	11	17
12/6/09	80	65.04	61	75.2	27	28
12/7/09	92	59.43	93	118.3	7	17
12/8/09	59	61.74	75	113.8	11	17
12/9/09	32	67.58	81	94.3	13	19
12/10/09	30	71.88	93	97.5	16	22
12/11/09	80	60.50	81	135.3	15	28
12/12/09	21	52.10	82	132.7	17	23
12/13/09	46	61.16	97	104.6	12	18
12/14/09	159	69.06	65	92.2	11	18
12/15/09	106	64.60	134	140.4	15	19
12/16/09	34	53.86	103	98.0	18	20

Table 1: Field's Point TSS, BOD, and Fecal Coliform Data

Field's Point 2009 Wastewater Treatment Plant
TSS, BOD and Fecal Coliform Data

Date	Fecal Coliform Bacteria (MPN/100mL)	Influent flow (MGD)	Raw Influent TSS (mg/L)	Raw Influent BOD (mg/L)	Final Effluent TSS (mg/L)	Final Effluent BOD (mg/L)
12/17/09	49	47.57	89	118.0	22	29
12/18/09	34	47.18	93	154.6	17	26
12/19/09	22	47.32	104	178.7	20	24
12/20/09	20	44.83	99	125.9	12	24
12/21/09	25	45.56	113	159.8	25	30
12/22/09	7	42.82	110	143.9	11	19
12/23/09	25	42.77	112	140.3	17	23
12/24/09	7	42.05	121	161.0	15	18
12/25/09	10	40.82	117	177.0	19	19
12/26/09	25	53.47	140	147.5	13	16
12/27/09	26	62.16	71	82.8	21	21
12/28/09	15	69.06	85	115.6	13	22
12/29/09	17	67.25	62	99.7	13	21
12/30/09	26	57.50	37	122.5	18	25
12/31/09	30	49.51	99	155.0	10	17

Table 1: Field's Point TSS, BOD, and Fecal Coliform Data

Bucklin Point 2009 Wastewater Treatment Plant
TSS, BOD and Fecal Coliform Data

Date	Fecal Coliform Bacteria (MPN/100 ml)	Influent Flow (MGD)	Raw Influent TSS (mg/L)	Raw Influent BOD (mg/L)	Final Effluent TSS (mg/L)	Final Effluent BOD (mg/L)
1/1/09	11	23.68	96	141	17	14
1/2/09	15	24.76	111	140	20	15
1/3/09	71	25.74	121	201	21	14
1/4/09	14	25.26	104	122	21	18
1/5/09	46	26.05	123	155	14	14
1/6/09	19	23.23	125	136	23	21
1/7/09	85	52.29	197	142	25	14
1/8/09	41	27.12	90	98	20	16
1/9/09	14	24.41	107	143	15	13
1/10/09	5	23.74	101	129	15	12
1/11/09	8	24.26	98	141	11	11
1/12/09	7	23.26	135	152	13	13
1/13/09	8	23.55	129	133	15	12
1/14/09	9	22.85	118	137	15	13
1/15/09	10	22.33	117	127	13	11
1/16/09	10	21.28	103	148	10	10
1/17/09	7	17.09	121	159	13	10
1/18/09	11	21.54	121	151	12	10
1/19/09	4	22.29	131	137	13	9
1/20/09	3	21.26	141	126	20	15
1/21/09	13	20.58	191	153	19	12
1/22/09	7	20.34	217	154	15	7
1/23/09	2	20.47	204	179	24	8
1/24/09	8	20.38	108	147	10	9
1/25/09	3	19.05	134	136	15	8
1/26/09	6	23.64	127	173	10	11
1/27/09	5	20.39	163	183	13	12
1/28/09	6	35.35	116	141	12	8
1/29/09	5	27.08	128	136	13	8
1/30/09	4	20.17	131	156	12	8
1/31/09	4	19.07	105	140	11	8
2/1/09	3	20.79	113	162	7	9
2/2/09	8	21.74	113	134	8	6
2/3/09	3	20.01	119	133	8	5
2/4/09	2	18.73	123	158	8	7
2/5/09	3	18.76	132	151	9	8
2/6/09	2	18.52	141	213	4	8
2/7/09	3	20.64	130	203	9	6
2/8/09	3	30.72	128	150	8	7
2/9/09	2	19.33	96	143	6	6
2/10/09	3	20.40	118	147	4	8
2/11/09	2	21.16	134	150	6	7
2/12/09	4	25.71	151	144	5	6
2/13/09	2	20.74	122	169	11	4
2/14/09	3	21.23	127	140	9	5
2/15/09	2	20.07	131	148	10	6
2/16/09	2	20.04	112	149	8	8
2/17/09	2	19.33	129	155	5	7
2/18/09	3	21.20	151	186	7	6
2/19/09	3	32.12	135	161	7	6
2/20/09	2	20.71	121	154	6	7

Table 2: Bucklin Point TSS, BOD, and Fecal Coliform Data

Bucklin Point 2009 Wastewater Treatment Plant
TSS, BOD and Fecal Coliform Data

Date	Fecal Coliform Bacteria (MPN/100 ml)	Influent Flow (MGD)	Raw Influent TSS (mg/L)	Raw Influent BOD (mg/L)	Final Effluent TSS (mg/L)	Final Effluent BOD (mg/L)
2/21/09	2	19.82	104	123	7	
2/22/09	2	37.54	127	171	6	5
2/23/09	2	21.41	105	107	4	5
2/24/09	2	20.51	119	150	6	5
2/25/09	2	20.38	93	148	4	5
2/26/09	3	21.12	115	157	4	5
2/27/09	3	22.94	127	187	7	5
2/28/09	2	24.16	122	139	6	5
3/1/09	2	20.94	109	133	3	6
3/2/09	2	20.77	98	139	3	3
3/3/09	2	19.56	95	142	5	4
3/4/09	2	19.48	97	149	7	3
3/5/09	2	20.14	111	146	10	4
3/6/09	2	25.80	122	137	7	6
3/7/09	4	22.23	93	136	6	5
3/8/09	2	21.32	99	135	8	6
3/9/09	2	43.90	123	167	20	9
3/10/09	2	24.21	77	127	7	5
3/11/09	2	26.92	89	117	7	6
3/12/09	2	22.99	93	115	8	4
3/13/09	2	22.30	117	123	5	4
3/14/09	2	22.74	93	152	7	4
3/15/09	2	21.70	109	133	5	4
3/16/09	2	22.19	91	115	6	3
3/17/09	3	20.79	107	122	7	4
3/18/09	3	21.43	101	122	6	4
3/19/09	3	23.03	121	132	8	4
3/20/09	2	20.15	118	145	8	5
3/21/09	2	19.42	106	177	5	3
3/22/09	2	20.04	121	156	10	4
3/23/09	2	18.82	111	84	6	2
3/24/09	3	18.72	116	133	3	<2
3/25/09	4	18.01	130	131	4	3
3/26/09	9	19.78	137	161	4	4
3/27/09	3	21.72	141	172	6	3
3/28/09	2	18.55	115		6	
3/29/09	5	31.08	129	152	43	13
3/30/09	2	23.60	103	100	7	2
3/31/09	4	18.44	102	105	4	<2
4/1/09	3	20.62	109	170	4	4
4/2/09	3	20.97	143	163	3	3
4/3/09	7	37.15	137	161	11	6
4/4/09	2	21.18	147	158	4	3
4/5/09	2	19.20	122	151	5	3
4/6/09	5	44.86	117	57	9	<1.74
4/7/09	3	25.37	113	77	5	2
4/8/09	2	24.19	94	88	5	2
4/9/09	5	22.48	118	139	7	2
4/10/09	2	23.14	114	129	5	3
4/11/09	2	48.99	125	104	9	4
4/12/09	2	23.22	75	116	7	3

Table 2: Bucklin Point TSS, BOD, and Fecal Coliform Data

Bucklin Point 2009 Wastewater Treatment Plant
TSS, BOD and Fecal Coliform Data

Date	Fecal Coliform Bacteria (MPN/100 ml)	Influent Flow (MGD)	Raw Influent TSS (mg/L)	Raw Influent BOD (mg/L)	Final Effluent TSS (mg/L)	Final Effluent BOD (mg/L)
4/13/09	2	23.30	93	106	4	<2
4/14/09	3	23.25	105	100	3	3
4/15/09	3	22.41	111	149	6	3
4/16/09	12	21.71	107	161	6	3
4/17/09	6	21.59	118	137	7	3
4/18/09	3	21.82	125	148	7	3
4/19/09	2	20.68	109	122	2	3
4/20/09	5	21.45	125	128	4	1
4/21/09	13	55.85	149	138	16	7
4/22/09	6	28.45	97	74	5	3
4/23/09	9	28.70	92	115	8	3
4/24/09	3	23.74	113	146	8	3
4/25/09	9	23.34	102	132	<2.0	3
4/26/09	7	21.95	106	127	7	3
4/27/09	6	23.06	107	124	5	2
4/28/09	3	23.79	123	138	3	3
4/29/09	9	22.70	123	135	3	2
4/30/09	5	22.30	115	150	2	2
5/1/09	6	23.21	141	163	3	3
5/2/09	5	21.05	138	170	3	3
5/3/09	16	20.76	135	144	2	2
5/4/09	3	21.28	131	142	2	3
5/5/09	7	36.40	177	135	9	6
5/6/09	13	29.83	121	84	8	4
5/7/09	21	35.14	139	133	8	2
5/8/09	9	21.47	137	151	6	2
5/9/09	9	22.09	130	178	2	2
5/10/09	6	21.98	132	135	5	3
5/11/09	4	20.03	115	125	4	4
5/12/09	8	23.92	147	138	6	3
5/13/09	11	20.35	157	127	4	2
5/14/09	8	22.24	144	184	5	3
5/15/09	13	24.13	168	176	8	2
5/16/09	41	19.58	125	175	4	2
5/17/09	17	22.20	139	143	2	4
5/18/09	9	20.89	130	146	9	3
5/19/09	13	19.02	143	140	5	2
5/20/09	11	18.91	150	155	7	3
5/21/09	6	18.74	157	162	6	2
5/22/09	12	18.30	153	195	4	2
5/23/09	3	19.51	186	204	3	2
5/24/09	6	21.63	132	170	5	2
5/25/09	15	17.26	145	124	3	2
5/26/09	5	17.67	143	130	<2.0	3
5/27/09	6	23.17	203	149	5	2
5/28/09	10	18.11	149	177	3	3
5/29/09	6	19.98	153	181	6	3
5/30/09	11	16.68	156	196	<2.0	3
5/31/09	18	17.16	129	143	<2.0	2
6/1/09	18	16.95	142	163	3	2
6/2/09	44	17.40	148	152	2	2

Table 2: Bucklin Point TSS, BOD, and Fecal Coliform Data

Bucklin Point 2009 Wastewater Treatment Plant
TSS, BOD and Fecal Coliform Data

Date	Fecal Coliform Bacteria (MPN/100 ml)	Influent Flow (MGD)	Raw Influent TSS (mg/L)	Raw Influent BOD (mg/L)	Final Effluent TSS (mg/L)	Final Effluent BOD (mg/L)
6/3/09	26	16.92	172	167	4	3
6/4/09	52	19.33	181	176	7	2
6/5/09	21	22.96	171	182	4	3
6/6/09	18	17.52	139	140	2	2
6/7/09	28	15.47	137	146	2	2
6/8/09	8	16.20	162	142	9	2
6/9/09	7	22.49	206	173	7	4
6/10/09	18	17.69	177	174	3	4
6/11/09	25	18.36	166	206	5	2
6/12/09	28	26.00	167	190	3	3
6/13/09	19	16.27	145	155	3	2
6/14/09	17	30.62	153	143	5	3
6/15/09	6	17.58	85	123	2	3
6/16/09	9	16.95	119	149	4	3
6/17/09	60	16.84	173	181	6	4
6/18/09	34	25.65	149	240	12	<2
6/19/09	189	37.19	154	147	9	5
6/20/09	76	17.68	144	160	6	4
6/21/09	36	17.75	129	138	6	3
6/22/09	30	26.30	157	148	7	6
6/23/09	44	19.61	130	123	7	7
6/24/09	143	18.64	180	169	10	6
6/25/09	77	17.79	149	189	10	6
6/26/09	41	17.76	151	224	8	7
6/27/09	73	16.40	148	180	4	6
6/28/09	57	16.47	138	184	6	4
6/29/09	175	20.11	161	186	8	5
6/30/09	688	16.98	137	132	6	4
7/1/09	711	30.47	183	176	8	6
7/2/09	52	35.50	163	141	9	3
7/3/09	5	19.51	120	156	9	3
7/4/09	5	17.65	98	159	3	4
7/5/09	2	17.36	113	174	6	4
7/6/09	5	17.81	127	150	5	3
7/7/09	4	30.08	136	154	9	4
7/8/09	7	22.89	119	124	4	3
7/9/09	7	18.69	115	150	9	3
7/10/09	5	17.75	139	162	4	2
7/11/09	6	17.62	127	157	2	3
7/12/09	20	27.65	137	124	<2.0	4
7/13/09	5	18.32	125	145	4	2
7/14/09	4	17.50	141	148	3	3
7/15/09	5	17.01	147	181	4	2
7/16/09	4	18.04	129	165	<2.0	3
7/17/09	4	16.80	147	184	<2.0	3
7/18/09	15	24.13	175	181	4	3
7/19/09	2	16.08	116	135	2	3
7/20/09	14	16.58	129	162	2	3
7/21/09	3	29.58	161	169	3	3
7/22/09	6	22.96	71	102	4	2
7/23/09	7	23.33	125	158	4	2

Table 2: Bucklin Point TSS, BOD, and Fecal Coliform Data

Bucklin Point 2009 Wastewater Treatment Plant
TSS, BOD and Fecal Coliform Data

Date	Fecal Coliform Bacteria (MPN/100 ml)	Influent Flow (MGD)	Raw Influent TSS (mg/L)	Raw Influent BOD (mg/L)	Final Effluent TSS (mg/L)	Final Effluent BOD (mg/L)
7/24/09	28	51.73	113	121	6	3
7/25/09	5	24.53	97	149	<2.0	2
7/26/09	3	22.57	92	120	3	2
7/27/09	4	21.00	98	133	4	2
7/28/09	5	19.88	125	162	<2.0	2
7/29/09	2	20.45	97	130	4	2
7/30/09	6	22.59	176	185	8	2
7/31/09	4	31.06	117	150	20	3
8/1/09	5	19.21	123	119	8	2
8/2/09	4	19.34	111	124	2	2
8/3/09	10	18.98	115	157	<2.0	2
8/4/09	3	19.52	137	111	<2.0	<2
8/5/09	7	20.36	115	212	<2.0	2
8/6/09	45	18.90	133	162	2	1
8/7/09	28	17.84	113	152	3	2
8/8/09	2	16.79	386	345	2	<1.3
8/9/09	2	17.18	134	154	3	1
8/10/09	3	16.77	123	155	<2.0	2
8/11/09	25	16.98	161	246	4	2
8/12/09	10	18.28	216	228	6	2
8/13/09	2	18.61	157	185	<2.0	2
8/14/09	5	16.60	161	195	3	<1.17
8/15/09	4	15.74	163	180	2	2
8/16/09	3	15.41	142	175	4	2
8/17/09	10	16.31	131	171	<2.0	2
8/18/09	2	16.34	147	165	2	2
8/19/09	2	15.93	162	210	3	2
8/20/09	2	16.15	178	204	<2.0	2
8/21/09	3	16.81	164	193	3	2
8/22/09	4	15.83	157	215	<2.0	2
8/23/09	7	19.62	181	179	4	2
8/24/09	2	15.77	137	178	4	3
8/25/09	3	15.87	162	178	4	2
8/26/09	7	15.57	175	199	5	2
8/27/09	2	14.73	141	190	2	2
8/28/09	14	15.78	165	171	2	2
8/29/09	56	50.48	147	131	8	3
8/30/09	13	16.35	109	109	<2.0	2
8/31/09	18	16.52	121	161	3	2
9/1/09	6	15.37	125	173	<2.0	2
9/2/09	5	15.82	185	181	2	2
9/3/09	2	15.63	165	163	3	2
9/4/09	5	15.06	283	247	4	2
9/5/09	9	14.45	195	255	7	2
9/6/09	2	13.64	157	193	5	<1.12
9/7/09	5	14.61	134	146	4	2
9/8/09	2	15.22	279	215	8	3
9/9/09	4	15.16	269	204	5	2
9/10/09	3	15.24	179	165	8	2
9/11/09	4	28.05	320	278	13	3
9/12/09	25	25.25	179	132	5	3

Table 2: Bucklin Point TSS, BOD, and Fecal Coliform Data

Bucklin Point 2009 Wastewater Treatment Plant
TSS, BOD and Fecal Coliform Data

Date	Fecal Coliform Bacteria (MPN/100 ml)	Influent Flow (MGD)	Raw Influent TSS (mg/L)	Raw Influent BOD (mg/L)	Final Effluent TSS (mg/L)	Final Effluent BOD (mg/L)
9/13/09	26	18.98	119	154	3	2
9/14/09	2	14.32	154	150	6	3
9/15/09	5	16.48	174	226	4	2
9/16/09	5	15.79	195	199	8	2
9/17/09	8	16.03	171	173	7	2
9/18/09	4	14.94	260	234	8	2
9/19/09	11	14.45	155	201	4	2
9/20/09	3	13.87	170	208	<2.0	3
9/21/09	3	14.42	174	180	5	2
9/22/09	3	15.08	243	274	4	3
9/23/09	6	15.38	255	219	7	3
9/24/09	4	14.54	193	236	4	2
9/25/09	7	14.41	173	207	4	3
9/26/09	6	14.32	185	223	6	2
9/27/09	7	21.10	229	212	4	3
9/28/09	12	15.32	165	198	4	5
9/29/09	9	20.00	216	178	8	3
9/30/09	5	15.18	223	219	7	4
10/1/09	9	14.67	221	280	6	3
10/2/09	8	14.20	193	233	7	3
10/3/09	15	43.11	227	171	10	4
10/4/09	8	15.55	125	150	2	2
10/5/09	5	15.35	167	188	5	2
10/6/09	3	14.89	173	156	3	3
10/7/09	68	28.82	180	144	5	3
10/8/09	8	15.37	164	189	4	2
10/9/09	4	16.18	174	191	11	2
10/10/09	37	18.28	177	224	5	3
10/11/09	5	14.25	175	214	6	2
10/12/09	4	15.06	165	193	5	2
10/13/09	4	16.74	168	189	6	2
10/14/09	3	15.60	196	174	5	2
10/15/09	5	20.39	163	204	5	3
10/16/09	2	18.09	177	200	5	2
10/17/09	2	15.91	163	197	4	2
10/18/09	3	45.10	144	168	7	3
10/19/09	2	16.74	102	98	6	4
10/20/09	3	16.61	159	185	3	2
10/21/09	3	16.44	343	209	5	2
10/22/09	2	16.63	177	298	2	2
10/23/09	3	16.45	179	365	7	3
10/24/09	2	32.00	233	241	9	6
10/25/09	4	29.91	118	109	6	5
10/26/09	4	17.69	117	157	9	4
10/27/09	2	19.04	158	149	8	3
10/28/09	6	39.88	243	215	8	4
10/29/09	4	20.76	305	217	7	3
10/30/09	5	19.05	166	192	7	2
10/31/09	12	18.79	160	195	4	3
11/1/09	3	19.00	161	174	5	2
11/2/09	5	19.93	257	202	3	2

Table 2: Bucklin Point TSS, BOD, and Fecal Coliform Data

Bucklin Point 2009 Wastewater Treatment Plant
TSS, BOD and Fecal Coliform Data

Date	Fecal Coliform Bacteria (MPN/100 ml)	Influent Flow (MGD)	Raw Influent TSS (mg/L)	Raw Influent BOD (mg/L)	Final Effluent TSS (mg/L)	Final Effluent BOD (mg/L)
11/3/09	3	18.91	144	232	4	3
11/4/09	2	18.16	262	245	5	2
11/5/09	8	18.45	167	256	4	3
11/6/09	6	17.68	149	182	5	2
11/7/09	2	16.83	159	224	3	2
11/8/09	4	16.38	173	206	4	3
11/9/09	3	16.84	160	203	3	2
11/10/09	4	17.29	169	183	5	2
11/11/09	4	16.94	180	213	5	2
11/12/09	3	17.13	220	322	6	2
11/13/09	5	16.91	203	229	5	3
11/14/09	13	57.20	259	224	9	6
11/15/09	5	22.35	89	112	6	3
11/16/09	5	19.69	134	163	3	2
11/17/09	5	19.20	313	218	5	4
11/18/09	7	19.21	238	229	3	3
11/19/09	3	19.39	193	254	7	4
11/20/09	22	31.72	94	135	9	3
11/21/09	64	19.60	171	206	8	3
11/22/09	5	19.21	162	172	5	2
11/23/09	6	27.69	168	188	7	4
11/24/09	4	22.44	199	198	7	3
11/25/09	6	20.42	425	479	9	3
11/26/09	13	19.37	203	225	8	3
11/27/09	15	34.74	163	212	11	6
11/28/09	3	20.23	135	150	7	4
11/29/09	7	19.17	180	182	5	3
11/30/09	9	24.13	159	183	5	4
12/1/09	10	19.63	128	181	4	3
12/2/09	6	20.07	152	176	11	5
12/3/09	47	45.16	171	202	8	6
12/4/09	5	21.97	174	168	9	3
12/5/09	3	32.23	128	144	15	7
12/6/09	22	25.56	89	102	11	4
12/7/09	4	22.87	101	170	7	4
12/8/09	11	21.96	119	137	5	3
12/9/09	16	41.51	144	169	24	9
12/10/09	95	26.04	91	102	13	6
12/11/09	12	23.17	109	142	11	4
12/12/09	14	23.09	131	149	11	5
12/13/09	9	37.63	115	139	8	4
12/14/09	10	25.37	112	109	9	6
12/15/09	17	24.95	156	179	12	7
12/16/09	39	23.07	113	134	11	5
12/17/09	12	22.36	167	145	14	6
12/18/09	17	21.74	161	206	11	5
12/19/09	21	22.62	146	175	11	6
12/20/09	32	21.81	149	218	14	6
12/21/09	16	20.98	166	256	16	6
12/22/09	9	20.48	169	185	19	7
12/23/09	47	20.45	354	209	23	9

Table 2: Bucklin Point TSS, BOD, and Fecal Coliform Data

Bucklin Point 2009 Wastewater Treatment Plant
TSS, BOD and Fecal Coliform Data

Date	Fecal Coliform Bacteria (MPN/100 ml)	Influent Flow (MGD)	Raw Influent TSS (mg/L)	Raw Influent BOD (mg/L)	Final Effluent TSS (mg/L)	Final Effluent BOD (mg/L)
12/24/09	34	21.59	164	178	20	9
12/25/09	23	19.63	209	346	21	8
12/26/09	26	21.68	181	221	21	9
12/27/09	96	46.60	155	150	27	12
12/28/09	37	27.23	113	146	24	12
12/29/09	13	23.07	123	158	22	13
12/30/09	30	21.96	115	151	24	13
12/31/09	16	23.05	118	164	21	14

Table 2: Bucklin Point TSS, BOD, and Fecal Coliform Data

Field's Point Influent Metals
all analyses in ppb

Date	Day of the Week	In flow	Cd	TTL Cr	Cu	Pb	Hg	Ni	Ag	Zn	CN	Al	Fe	Se	As	Mo
1/6/2009	Tuesday	53.51	<2.5	<10	33.4	10.00	0.0218	23.5	<4	85.0	25.29	382	1500	5.37	4.48	**3.34**
1/7/2009	Wednesday	71.28	<2.5	<10	37.8	25.20	0.0374	13.2	<4	102.0	22.72	957	2380			
1/13/2009	Tuesday	50.32	<2.5	<10	43.5	22.50	0.0498	23.6	<4	79.7	14.60	511	1660	3.65	2.69	1.04
1/14/2009	Wednesday	44.10	<2.5	<10	31.5	<10	0.0209	16.6	<4	62.6	10.10	292	1260			
1/20/2009	Tuesday	42.86	<2.5	<10	41.0	<10	0.0264	29.7	<4	73.3	11.79	268	1300	6.10	2.47	3.76
1/21/2009	Wednesday	41.09	<2.5	<10	42.7	<10	0.0322	19.6	<4	86.2	11.87	337	1280			
1/27/2009	Tuesday	38.48	<2.5	<10	42.6	<10	0.0735	19.0	<4	76.4	22.19	320	1360	6.00	2.23	1.41
1/28/2009	Wednesday	57.24	<2.5	<10	51.4	17.60	0.0912	20.1	<4	140.0	8.40	935	2290			
2/3/2009	Tuesday	44.11	<2.5	<10	29.0	<10	0.0468	16.6	<4	70.6	9.33	315	1490	<1.5	1.73	0.83
2/4/2009	Wednesday	40.84	<2.5	<10	30.6	<10	0.0543	19.6	<4	69.3	7.60	308	1370			
2/10/2009	Tuesday	41.73	<2.5	<10	37.1	<10	0.0482	19.3	<4	77.7	6.89	289	1270	4.51	1.88	3.00
2/11/2009	Wednesday	50.30	<2.5	<10	43.2	18.10	0.0407	16.8	<4	111.0	5.36	1180	2570			
2/17/2009	Tuesday	42.66	<2.5	<10	35.3	<10	0.0944	19.5	<4	84.6	11.49	308	1430	5.76	1.67	2.57
2/18/2009	Wednesday	56.29	<2.5	<10	39.6	13.70	0.1090	16.7	<4	103.0	7.25	736	1920			
2/24/2009	Tuesday	61.23	<2.5	<10	47.3	10.80	0.0380	19.3	<4	110.0	5.18	456	1270	3.33	1.94	2.38
2/25/2009	Wednesday	45.31	<2.5	<10	32.5	<10	0.0318	18.1	<4	77.5	80.73	258	1230			
3/3/2009	Tuesday	44.45	2.6	<10	38.6	<10	0.0435	19.4	<4	93.4	63.21	267	1360	4.39	3.12	3.50
3/4/2009	Wednesday	42.85	2.5	<10	43.9	<10	0.0197	30.8	<4	98.2	30.72	244	1210			
3/10/2009	Tuesday	60.30	<2.5	<10	28.6	<10	0.0532	15.2	<4	70.4	16.02	348	1260	3.47	2.13	2.61
3/11/2009	Wednesday	62.38	<2.5	<10	27.1	13.10	0.0314	14.6	<4	65.8	12.58	327	1300			
3/17/2009	Tuesday	44.08	4.9	<10	39.2	14.70	0.0703	29.9	<4	95.7	5.50	320	1340	4.14	1.84	3.39
3/18/2009	Wednesday	49.24	<2.5	<10	29.7	<10	0.1050	21.4	<4	71.4	4.85	250	1220			
3/24/2009	Tuesday	42.97	<2.5	48.80	43.3	<10	0.0409	27.9	<4	140.0	47.42	263	1280	5.75	2.31	3.80
3/25/2009	Wednesday	40.79	<2.5	<10	44.4	<10	0.0362	21.1	<4	86.9	19.16	305	1350			
3/31/2009	Tuesday	50.32	<2.5	<10	34.6	<10	0.0294	17.3	<4	69.6	14.98	269	1140	5.06	1.87	2.35
4/1/2009	Wednesday	43.41	<2.5	<10	36.3	18.10	0.0937	18.3	<4	81.4	7.72	352	1430			
4/7/2009	Tuesday	70.56	<2.5	<10	25.3	13.60	0.0816	12.4	<4	68.8	6.61	435	1260	4.08	1.87	2.29
4/8/2009	Wednesday	68.12	<2.5	<10	25.0	<10	0.0372	12.3	<4	59.9	5.49	328	1160			
4/14/2009	Tuesday	50.15	<2.5	<10	25.0	<10	0.0293	13.4	<4	56.8	5.13	231	1130	2.66	2.41	4.52
4/15/2009	Wednesday	50.45	<2.5	<10	26.6	<10	0.0582	21.0	<4	72.7	23.76	284	1360			
4/21/2009	Tuesday	83.09	<2.5	<10	35.8	22.90	0.0818	13.9	<4	76.3	5.05	597	1530	3.07	2.23	2.11
4/22/2009	Wednesday	69.93	<2.5	<10	29.2	<10	0.0351	12.3	<4	56.4	4.38	285	1060			
4/28/2009	Tuesday	50.12	<2.5	<10	29.7	<10	0.0377	16.9	<4	68.4	8.46	290	1180	3.15	2.29	3.77
4/29/2009	Wednesday	51.08	<2.5	<10	30.9	<10	0.0520	16.6	<4	68.7	4.06	400	1400			
5/5/2009	Tuesday	67.61	<2.5	<10	40.8	23.90	0.0582	13.7	<4	97.5	5.02	652	1800	3.48	2.30	2.29
5/6/2009	Wednesday	68.51	<2.5	<10	29.7	16.10	0.0344	12.7	<4	64.6	4.52	382	1270			
5/12/2009	Tuesday	45.90	<2.5	<10	53.8	15.70	0.1160	19.6	<4	97.9	8.95	590	1920	4.40	2.80	4.04
5/13/2009	Wednesday	46.59	<2.5	<10	34.2	<10	0.0913	16.5	<4	63.6	22.29	304	1270			
5/19/2009	Tuesday	40.68	<2.5	<10	44.3	<10	0.0544	22.1	<4	87.2	4.30	300	1340	4.39	3.27	2.54
5/20/2009	Wednesday	42.29	6.4	32.30	61.5	29.30	0.0716	44.9	<4	128.0	6.87	464	1420			
5/26/2009	Tuesday	40.20	<2.5	<10	32.4	<10	0.0699	15.1	<4	74.9	22.38	348	1370	6.63	4.04	4.38
5/27/2009	Wednesday	40.74	<2.5	<10	40.3	12.60	0.0855	17.8	<4	84.9	26.34	353	1430			
6/2/2009	Tuesday	35.70	<2.5	<10	34.8	<10	0.0545	17.7	<4	87.5	4.73	340	1340	7.20	3.76	1.32

Table 3. Field's Point Influent Metals and Cyanide

Field's Point Influent Metals
all analyses in ppb

Date	Day of the Week	In flow	Cd	TTL Cr	Cu	Pb	Hg	Ni	Ag	Zn	CN	Al	Fe	Se	As	Mo
6/3/2009	Wednesday	40.91	<2.5	<10	45.0	<10	0.0488	17.5	<4	101.0	6.11	376	1390			
6/9/2009	Tuesday	45.26	<2.5	<10	54.9	18.00	0.0647	19.6	<4	213.0	5.01	592	1890	7.64	3.81	3.90
6/10/2009	Wednesday	38.89	<2.5	<10	47.5	<10	0.0509	16.9	<4	109.0	7.92	341	1330			
6/16/2009	Tuesday	37.50	<2.5	<10	37.6	<10	0.0892	14.4	<4	89.9	9.56	775	1450	6.78	2.61	3.59
6/17/2009	Wednesday	38.62	<2.5	<10	41.5	<10	0.0653	16.9	<4	110.0	5.62	364	1390			
6/23/2009	Tuesday	39.24	<2.5	<10	33.5	<10	0.0641	14.7	<4	87.4	6.54	353	1190	6.74	3.21	2.57
6/24/2009	Wednesday	41.56	<2.5	32.90	51.5	12.40	0.0626	24.6	<4	148.0	6.59	384	1390			
6/30/2009	Tuesday	39.64	<2.5	10.30	40.5	<10	0.0525	25.2	<4	93.0	<4	295	1330	5.17	3.04	4.01
7/1/2009	Wednesday	62.52	<2.5	13.00	57.4	30.90	0.0540	22.5	<4	118.0	15.86	724	1970			
7/7/2009	Tuesday	63.06	<2.5	<10	37.1	25.60	0.0488	11.4	<4	98.1	<4	503	1350	<1.5	1.50	1.91
7/8/2009	Wednesday	63.23	<2.5	<10	24.7	11.70	0.0332	<10	<4	69.8	<4	352	1170			
7/14/2009	Tuesday	40.46	<2.5	23.30	28.3	<10	0.0244	15.6	<4	100.0	7.89	281	1280	3.95	1.69	8.90
7/15/2009	Wednesday	39.87	<2.5	18.40	35.3	17.00	0.0468	17.4	<4	122.0	7.05	378	1490			
7/21/2009	Tuesday	62.00	<2.5	<10	40.7	19.30	0.0836	17.4	<4	124.0	10.61	493	1360	2.31	1.34	1.86
7/22/2009	Wednesday	63.68	<2.5	<10	34.1	<10	0.0257	13.9	<4	123.0	6.42	318	1130			
7/28/2009	Tuesday	63.83	<2.5	<10	30.4	<10	0.0194	21.9	<4	73.3	6.12	274	1170	1.93	1.40	2.18
7/29/2009	Wednesday	49.27	<2.5	<10	51.1	10.20	0.0340	25.0	<4	149.0	21.65	363	1440			
8/4/2009	Tuesday	43.01	<2.5	<10	48.0	<10	0.0313	18.5	<4	115.0	9.14	499	1240	1.93	1.35	3.86
8/5/2009	Wednesday	50.93	<2.5	<10	54.5	16.90	0.0436	16.9	<4	157.0	4.45	628	1710			
8/11/2009	Tuesday	50.13	<2.5	<10	66.7	23.30	0.0925	14.7	<4	146.0	15.07	613	1960	2.48	2.06	2.73
8/12/2009	Wednesday	41.55	<2.5	<10	57.8	<10	0.0411	29.1	<4	129.0	11.48	351	1470			
8/18/2009	Tuesday	37.78	<2.5	12.00	47.8	<10	0.0705	19.3	<4	132.0	6.03	406	1400	3.41	1.61	4.96
8/19/2009	Wednesday	43.08	<2.5	<10	43.4	<10	0.0433	19.3	<4	119.0	6.16	344	1270			
8/25/2009	Tuesday	35.77	<2.5	<10	51.6	10.10	0.0269	15.4	<4	110.0	5.36	356	1640	2.71	1.97	4.17
8/26/2009	Wednesday	37.87	<2.5	11.70	60.9	<10	0.0616	17.2	<4	155.0	9.26	419	1610			
9/1/2009	Tuesday	35.99	<2.5	<10	49.0	<10	0.0432	15.7	<4	86.4	7.71	389	1350	4.55	1.79	3.72
9/2/2009	Wednesday	34.91	<2.5	29.90	62.7	<10	0.0293	20.0	<4	124.0	27.91	361	1340			
9/8/2009	Tuesday	36.58	<2.5	<10	63.0	<10	0.0406	22.3	<4	118.0	16.27	450	1500	6.09	2.37	5.05
9/9/2009	Wednesday	33.68	<2.5	<10	37.8	<10	0.0336	13.0	<4	87.6	7.04	449	1340			
9/15/2009	Tuesday	36.68	<2.5	<10	55.2	<10	0.0530	25.7	<4	138.0	5.61	431	1370	2.80	2.32	2.58
9/16/2009	Wednesday	37.15	<2.5	11.10	39.3	<10	0.0385	20.6	<4	127.0	6.40	517	1420			
9/22/2009	Tuesday	35.87	<2.5	<10	53.5	<10	0.0566	28.1	<4	150.0	23.40	378	1460	4.66	2.82	3.61
9/23/2009	Wednesday	33.70	<2.5	16.90	57.9	14.00	0.0668	24.7	<4	189.0	86.77	405	1640			
9/29/2009	Tuesday	36.81	<2.5	<10	43.8	<10	0.0425	23.2	<4	92.5	8.23	513	1330	7.70	2.75	4.81
9/30/2009	Wednesday	34.86	<2.5	<10	49.3	<10	0.0738	21.7	<4	110.0	4.58	506	1730			
10/6/2009	Tuesday	35.43	2.6	<10	69.1	<10	0.0579	37.6	<4	570.0	<4	517	1420	5.02	2.25	3.53
10/7/2009	Wednesday	61.38	<2.5	<10	45.9	23.20	0.0773	14.2	<4	159.0	<4	594	1450			
10/13/2009	Tuesday	38.22	<2.5	<10	38.2	<10	0.0357	39.3	<4	96.3	10.15	330	1380	5.26	1.93	3.20
10/14/2009	Wednesday	35.61	<2.5	<10	38.6	<10	0.0695	24.4	<4	93.8	8.06	332	1310			
10/20/2009	Tuesday	45.89	<2.5	<10	38.5	<10	0.0356	21.2	<4	109.0	4.39	296	1270	3.64	1.72	5.10
10/21/2009	Wednesday	37.47	<2.5	<10	40.4	<10	0.0350	24.9	<4	99.2	12.43	325	1440			
10/27/2009	Tuesday	56.37	<2.5	<10	32.5	<10	0.0316	145.0	<4	88.7	4.26	326	1390	2.89	1.51	3.12
10/28/2009	Wednesday	67.15	<2.5	<10	39.8	17.60	0.0331	91.9	<4	95.6	12.55	543	1380			

Table 3. Field's Point Influent Metals and Cyanide

Field's Point Influent Metals
all analyses in ppb

Date	Day of the Week	In flow	Cd	TTL Cr	Cu	Pb	Hg	Ni	Ag	Zn	CN	Al	Fe	Se	As	Mo
11/3/2009	Tuesday	40.23	<2.5	<10	34.1	<10	0.0544	33.4	<4	94.1	13.89	347	1520	4.06	1.73	2.14
11/4/2009	Wednesday	40.84	<2.5	<10	39.6	<10	0.0336	25.4	<4	91.6	4.02	381	1450			
11/10/2009	Tuesday	38.33	<2.5	<10	34.6	<10	0.0361	26.3	<4	101.0	11.19	333	1330	5.05	1.68	3.33
11/11/2009	Wednesday	35.89	<2.5	<10	37.4	<10	0.0409	21.0	<4	86.8	<4	379	1350			
11/17/2009	Tuesday	63.80	<2.5	<10	33.7	<10	0.0208	16.4	5.80	61.3	9.96	302	1050	4.13	1.52	3.71
11/18/2009	Wednesday	42.90	<2.5	<10	35.6	<10	0.0248	17.9	10.70	62.5	107.60	291	1230			
11/24/2009	Tuesday	49.81	<2.5	<10	39.6	<10	0.0971	24.9	<4	75.2	23.56	297	1240	5.09	1.63	18.80
11/25/2009	Wednesday	41.40	<2.5	<10	36.6	<10	0.0186	24.3	<4	60.7	7.37	237	1100			
12/1/2009	Tuesday	42.12	<2.5	<10	39.9	<10	0.0282	19.9	<4	69.8	21.70	415	1310	6.63	1.39	2.92
12/2/2009	Wednesday	51.93	<2.5	<10	39.5	11.40	0.0501	15.1	<4	76.8	6.25	455	1360			
12/8/2009	Tuesday	61.74	<2.5	<10	28.0	<10	0.0638	15.8	<4	60.6	5.78	257	1150	3.97	1.29	5.45
12/9/2009	Wednesday	67.58	<2.5	<10	37.0	17.00	0.0389	13.5	<4	80.7	16.96	549	1550			
12/15/2009	Tuesday	64.60	<2.5	<10	31.1	<10	0.0364	17.2	<4	63.3	5.51	248	988	4.35	1.24	3.51
12/16/2009	Wednesday	53.86	<2.5	<10	26.1	<10	0.0313	18.4	<4	59.5	5.33	226	1150			
12/22/2009	Tuesday	42.82	4.3	<10	45.1	<10	0.0720	28.5	<4	164.0	6.38	323	1310	6.89	1.51	2.62
12/23/2009	Wednesday	42.77	<2.5	<10	34.0	<10	0.0314	18.3	<4	83.7	4.21	264	1250			
12/29/2009	Tuesday	67.25	<2.5	<10	32.0	<10	0.0202	23.8	<4	85.3	5.33	235	1100	2.23	1.30	1.86
12/30/2009	Wednesday	57.50	<2.5	<10	11.8	<10	0.0278	17.5	<4	45.7	<4	126	1200			

Table 3. Field's Point Influent Metals and Cyanide

Field's Point Effluent Metals

all analysis in ppb

Date	Day of Week	Plant Flow	Cd	TTL Cr	Cu	Pb	Hg	Ni	Ag	Zn	CN	Al	Fe	Se	As	Mo
1/6/2009	Tuesday	53.51	0.119	1.69	14.90	1.64	0.0077	20.0	0.18	25.40		68	466	4.95	5.11	3.81
1/7/2009	Wednesday	67.01	0.101	1.52	12.10	2.88	0.0152	12.4	0.17	33.80		96	503			
1/13/2009	Tuesday	50.32	0.086	1.12	10.10	1.64	0.0037	17.6	0.17	22.70		54	343			
1/14/2009	Wednesday	44.10	0.098	1.17	10.80	1.79	0.0060	16.0	0.23	25.00		64	391			
1/20/2009	Tuesday	42.86	0.113	0.85	10.60	0.92	0.0059	19.6	0.17	21.50		35	244			
1/21/2009	Wednesday	41.09	0.160	0.78	12.20	0.70	0.0042	18.8	0.20	26.30		28	220			
1/27/2009	Tuesday	38.48	0.088	0.96	11.60	0.81	0.0096	18.8	0.19	23.80		49	202			
1/28/2009	Wednesday	57.24	0.092	1.76	13.60	0.96	0.0048	14.8	0.13	29.70		56	190			
2/3/2009	Tuesday	44.11	0.164	1.24	15.10	0.73	0.0064	34.6	0.11	25.70		28	226	5.25	2.85	3.24
2/4/2009	Wednesday	40.84	0.156	2.26	13.20	0.90	0.0059	30.6	0.29	26.40		40	304			
2/10/2009	Tuesday	41.73	0.134	1.11	13.00	0.85	0.0077	19.3	0.26	23.10		39	274			
2/11/2009	Wednesday	50.30	0.102	0.92	11.20	0.81	0.0050	15.2	0.21	23.70		30	201			
2/17/2009	Tuesday	42.66	0.088	0.98	10.00	0.51	0.0049	12.8	0.09	21.60		21	188			
2/18/2009	Wednesday	56.29	0.080	2.81	10.60	1.28	0.0110	11.3	0.11	22.10		55	228			
2/24/2009	Tuesday	61.23	0.180	0.97	14.50	1.31	0.0077	14.1	0.16	42.50		58	326			
2/25/2009	Wednesday	45.31	0.170	1.08	14.70	1.15	0.0066	14.2	0.17	36.90		51	274			
3/3/2009	Tuesday	44.45	0.363	1.60	13.70	1.00	0.0064	13.6	0.18	29.10		34	300	4.99	3.42	3.37
3/4/2009	Wednesday	42.85	0.429	2.14	13.40	0.81	0.0040	16.5	0.14	29.10		27	213			
3/10/2009	Tuesday	60.30	0.125	1.06	11.40	0.87	0.0060	11.7	0.18	23.40		23	188			
3/11/2009	Wednesday	62.38	0.131	1.11	11.50	1.07	0.0075	13.4	0.15	24.60		31	212			
3/17/2009	Tuesday	44.08	0.364	0.69	8.99	0.78	0.0061	18.0	0.15	18.10		24	183			
3/18/2009	Wednesday	49.24	0.385	1.02	9.31	1.08	0.0076	17.9	0.18	20.00		33	311			
3/24/2009	Tuesday	42.97	0.293	6.37	14.10	0.98	0.0066	23.9	0.20	26.50		30	273			
3/25/2009	Wednesday	40.79	0.244	2.43	13.30	1.02	0.0070	23.0	0.26	24.20		34	308			
3/31/2009	Tuesday	50.32	0.183	1.03	12.20	0.96	0.0068	15.2	0.18	26.40		29	299			
4/1/2009	Wednesday	43.41	0.178	1.34	12.10	1.41	0.0077	15.5	0.23	27.10		38	302			
4/7/2009	Tuesday	70.56	0.096	1.29	8.06	1.35	0.0063	10.7	0.10	22.50		37	240	4.04	2.20	2.43
4/8/2009	Wednesday	68.12	0.087	1.30	8.05	1.31	0.0054	10.4	0.10	22.10		31	225			
4/14/2009	Tuesday	50.15	0.089	0.81	12.50	0.88	0.0047	11.1	0.10	21.00		23	212			
4/15/2009	Wednesday	50.45	0.114	1.83	9.50	0.80	0.0059	15.0	0.14	19.80		21	227			
4/21/2009	Tuesday	70.48	0.137	1.59	9.43	1.82	0.0086	11.6	0.11	22.00		45	295			
4/22/2009	Wednesday	69.93	0.105	1.25	9.31	1.53	0.0072	11.5	0.12	21.80		35	283			
4/28/2009	Tuesday	50.12	0.080	0.89	9.61	0.59	0.0064	12.9	0.26	18.30		15	190			
4/29/2009	Wednesday	51.08	0.094	1.88	8.77	0.83	0.0047	13.3	0.12	19.40		24	264			
5/5/2009	Tuesday	67.61	0.062	0.82	7.56	0.98	0.0105	9.7	0.09	17.60		27	245	3.25	2.07	2.51
5/6/2009	Wednesday	68.51	0.065	1.31	7.32	0.97	0.0047	9.4	0.08	17.90		25	221			
5/12/2009	Tuesday	45.90	0.092	1.61	14.10	1.95	0.0116	13.0	0.15	23.80		55	288			
5/13/2009	Wednesday	46.59	0.088	1.17	13.40	1.31	0.0078	12.9	0.23	23.00		47	247			
5/19/2009	Tuesday	40.68	0.229	1.24	12.80	1.32	0.0125	17.9	0.14	29.60		54	326			
5/20/2009	Wednesday	42.29	0.294	2.29	12.70	1.15	0.0105	17.6	0.30	30.60		50	268			

Table 4: Field's Point Effluent Metals and Cyanide

Field's Point Effluent Metals

all analysis in ppb

Date	Day of Week	Plant Flow	Cd	TTL Cr	Cu	Pb	Hg	Ni	Ag	Zn	CN	Al	Fe	Se	As	Mo
5/26/2009	Tuesday	40.20	0.158	1.18	12.70	1.42	0.0102	11.3	0.18	27.90		61	386			
5/27/2009	Wednesday	40.74	0.165	1.20	13.80	1.43	0.0070	14.8	0.23	27.70		60	382			
6/2/2009	Tuesday	35.70	0.161	1.25	12.30	1.19	0.0129	15.5	0.31	27.50		47	420	6.19	3.89	3.32
6/3/2009	Wednesday	40.91	0.173	1.42	13.40	1.62	0.0137	14.7	0.37	28.90		54	482			
6/9/2009	Tuesday	45.26	0.131	1.22	10.60	1.25	0.0091	13.3	0.17	27.10		40	377			
6/10/2009	Wednesday	38.89	0.141	1.20	10.30	1.08	0.0126	15.8	0.25	29.60		37	348			
6/16/2009	Tuesday	37.50	0.080	1.13	7.65	0.78	0.0073	12.5	0.06	19.90		32	246			
6/17/2009	Wednesday	38.62	0.123	1.42	9.28	1.04	0.0076	14.0	0.08	24.00		36	340			
6/23/2009	Tuesday	39.24	0.091	1.43	8.66	0.92	0.0082	14.0	0.04	21.00		27	274			
6/24/2009	Wednesday	41.56	0.200	4.95	9.20	1.17	0.0096	14.8	0.07	25.60		38	394			
6/30/2009	Tuesday	39.64	0.142	2.08	11.60	1.54	0.0112	15.2	0.22	24.50		46	444			
7/1/2009	Wednesday	62.52	0.098	0.98	7.27	0.74	<0.002	11.8	0.05	18.50		20	119			
7/7/2009	Tuesday	63.06	0.051	1.41	9.63	1.80	0.0024	8.7	0.07	15.30		31	315	<1.5	1.41	2.30
7/8/2009	Wednesday	63.23	0.051	1.26	10.60	2.07	0.0055	8.6	0.06	17.10		40	373			
7/14/2009	Tuesday	40.46	0.068	1.61	9.45	0.90	0.0037	11.2	0.16	17.70		25	364			
7/15/2009	Wednesday	39.87	0.070	1.63	10.10	0.92	0.0044	12.7	0.15	19.80		28	350			
7/21/2009	Tuesday	62.00	0.082	1.17	8.91	1.20	0.0044	15.0	0.22	28.90		28	313			
7/22/2009	Wednesday	63.68	0.079	0.80	7.65	0.63	0.0030	25.2	0.08	26.40		13	210			
7/28/2009	Tuesday	63.83	0.083	1.45	9.90	1.06	<0.002	16.5	0.19	19.10		27	316			
7/29/2009	Wednesday	49.27	0.151	1.86	14.70	1.90	0.0069	17.9	0.25	26.60		55	557			
8/4/2009	Tuesday	43.01	0.122	1.42	14.10	1.39	0.0077	15.7	0.28	27.00		59	420	1.92	1.40	3.30
8/5/2009	Wednesday	50.93	0.121	1.50	13.60	1.78	0.0072	12.3	0.24	31.30		56	462			
8/11/2009	Tuesday	50.13	0.097	1.78	14.20	1.60	0.0118	14.5	0.86	28.10		47	469			
8/12/2009	Wednesday	41.55	0.079	1.50	12.40	1.21	0.0065	20.3	0.35	27.10		38	385			
8/18/2009	Tuesday	37.78	0.110	1.45	14.50	0.85	0.0043	16.5	0.19	27.40		36	367			
8/19/2009	Wednesday	43.08	0.115	1.12	13.60	0.77	0.0042	16.7	0.33	26.20		31	356			
8/25/2009	Tuesday	35.77	0.097	2.03	15.60	1.78	0.0067	13.6	0.46	30.10		59	488			
8/26/2009	Wednesday	37.87	0.079	1.81	15.60	1.60	0.0064	14.7	0.64	26.50		44	498			
9/1/2009	Tuesday	35.99	<0.04	1.13	9.61	0.68	0.0027	14.1	0.15	17.00		16	201			
9/2/2009	Wednesday	34.91	0.044	4.70	12.60	0.80	0.0028	15.0	0.13	20.00		18	214			
9/8/2009	Tuesday	36.58	0.065	1.00	12.80	0.68	0.0038	14.8	0.17	24.60		26	348			
9/9/2009	Wednesday	33.68	0.059	1.03	11.50	0.83	0.0041	14.4	0.18	23.00		32	358			
9/15/2009	Tuesday	36.68	0.112	1.78	8.16	0.81	0.0024	19.1	0.11	24.80		25	248	2.58	2.11	2.88
9/16/2009	Wednesday	37.15	0.108	7.43	7.33	0.83	0.0022	17.9	0.12	24.40		23	232			
9/22/2009	Tuesday	35.87	0.082	1.77	8.02	0.64	<0.002	17.6	0.11	27.80		27	340			
9/23/2009	Wednesday	33.70	0.101	2.42	8.48	0.60	<0.002	18.2	0.11	29.90		27	300			
9/29/2009	Tuesday	36.81	0.110	1.43	10.50	0.70	<0.002	16.7	0.13	31.80		28	323			
9/30/2009	Wednesday	34.86	0.142	0.95	11.80	0.86	0.0040	18.6	0.25	32.20		31	340			
10/6/2009	Tuesday	35.43	0.130	1.23	10.10	0.95	0.0043	20.4	0.13	42.50		36	276	3.92	1.68	2.81
10/7/2009	Wednesday	61.38	0.124	1.12	9.78	1.23	0.0053	17.1	0.15	39.40		37	325			

Table 4: Field's Point Effluent Metals and Cyanide

Field's Point Effluent Metals

all analysis in ppb

Date	Day of Week	Plant Flow	Cd	TTL Cr	Cu	Pb	Hg	Ni	Ag	Zn	CN	Al	Fe	Se	As	Mo
10/13/2009	Tuesday	38.22	0.090	1.83	11.60	1.04	0.0039	24.8	0.15	26.10		50	384			
10/14/2009	Wednesday	35.61	0.102	1.42	12.50	1.49	0.0042	22.7	0.17	26.20		42	455			
10/20/2009	Tuesday	45.89	0.180	0.93	12.00	1.30	<0.002	17.8	0.18	34.60		41	433			
10/21/2009	Wednesday	37.47	0.164	1.02	12.80	0.93	<0.002	21.0	0.30	32.10		33	331			
10/27/2009	Tuesday	56.37	0.127	0.79	9.30	1.54	0.0043	116.0	0.18	26.00		36	329			
10/28/2009	Wednesday	67.15	0.114	2.06	9.19	1.54	<0.002	56.1	0.15	28.20		55	281			
11/3/2009	Tuesday	40.23	0.107	1.17	11.50	1.49	0.0033	29.3	0.18	25.40		45	375	4.17	1.64	3.21
11/4/2009	Wednesday	40.84	0.104	1.25	12.20	1.34	0.0025	27.1	0.18	26.20		41	363			
11/10/2009	Tuesday	38.33	0.132	1.18	10.90	1.01	0.0046	25.1	0.20	26.90		41	400			
11/11/2009	Wednesday	35.89	0.101	1.02	9.42	0.87	0.0032	20.9	0.16	23.00		29	318			
11/17/2009	Tuesday	63.80	0.083	1.17	9.30	1.62	0.0040	16.0	1.36	24.00		61	438			
11/18/2009	Wednesday	42.90	0.079	0.94	10.00	1.31	0.0021	18.6	2.83	24.60		49	398			
11/24/2009	Tuesday	49.81	0.072	1.16	10.00	0.98	<0.002	18.4	0.29	25.50		36	257			
11/25/2009	Wednesday	41.40	0.066	0.82	9.35	1.12	0.0020	18.0	0.42	22.50		32	276			
12/1/2009	Tuesday	42.12	0.094	1.93	11.50	1.37	0.0060	16.0	0.33	25.00		47	454			
12/2/2009	Wednesday	51.93	0.076	1.08	9.52	1.05	0.0036	15.0	0.22	22.90		35	277			
12/8/2009	Tuesday	61.74	0.067	2.10	10.00	1.09	0.0045	14.7	0.28	24.40		35	313	3.90	1.31	5.72
12/9/2009	Wednesday	67.58	0.083	1.20	11.60	2.22	0.0061	15.0	0.34	28.30		69	443			
12/15/2009	Tuesday	64.60	0.073	0.73	9.18	1.38	0.0066	15.2	0.16	24.20		37	358			
12/16/2009	Wednesday	53.86	0.082	1.74	9.17	1.37	0.0054	15.9	0.18	22.40		43	355			
12/22/2009	Tuesday	42.82	0.473	1.17	11.30	1.26	0.0056	19.8	0.09	39.30		39	379			
12/23/2009	Wednesday	42.77	0.399	1.70	11.60	1.50	0.0048	18.3	0.14	35.40		53	497			
12/29/2009	Tuesday	67.25	0.192	1.16	9.32	1.49	0.0054	17.0	0.09	27.80		48	423	3.59	2.24	2.82
12/30/2009	Wednesday	57.50	0.174	0.93	9.78	1.33	0.0045	26.1	0.13	28.00		43	403			

Table 4: Field's Point Effluent Metals and Cyanide

Bucklin Point Influent Metals

all analyses in ppb

Date	Day of the Week	Influent flow	Cd	TTL Cr	Hex Cr	Cu	Pb	Hg	Ni	Ag	Zn	CN	Al	Fe	Se	As	Sn	Mo
1/6/2009	Tuesday	23.23	<2.5	22.5	28	59.6	<10	25.8000	161.0	<4.0	98.9	4.54	310	964	<1.5	2.24	<5.0	1.47
1/7/2009	Wednesday	52.29	<2.5	59.5	27	85.4	15.3	48.9000	41.2	<4.0	151.0	9.26	1140	2410			<5.0	
1/13/2009	Tuesday	23.55	<2.5	<10	38	52.0	<10	28.0000	17.1	<4.0	125.0	4.00	327	974	<1.5	1.78	<5.0	1.46
1/14/2009	Wednesday	22.85	<2.5	<10	22	42.4	<10	36.3000	46.3	<4.0	99.3	4.66	388	1080			<5.0	
1/20/2009	Tuesday	21.26	<2.5	<10	36	71.0	<10	65.8000	20.1	<4.0	116.0	4.04	459	1130	<1.5	1.88	<5.0	1.79
1/21/2009	Wednesday	20.58	<2.5	<10	27	50.8	<10	39.7000	18.6	<4.0	103.0	4.00	380	1310			<5.0	
1/27/2009	Tuesday	20.39	<2.5	17.8	34	60.7	<10	53.9000	67.7	<4.0	141.0	4.00	431	1300	5.88	4.54	<5.0	2.23
1/28/2009	Wednesday	35.35	<2.5	<10	34	56.6	<10	41.4000	16.2	<4.0	122.0	4.00	318	1040			<5.0	
2/3/2009	Tuesday	20.01	<2.5	<10	42	48.8	<10	37.1000	<10	<4.0	125.0	4.58	584	1340	<1.5	1.91	<5.0	0.97
2/4/2009	Wednesday	18.73	<2.5	<10	45	46.1	<10	46.3000	20.0	<4.0	105.0	4.05	366	1080			<5.0	
2/10/2009	Tuesday	20.40	<2.5	<10	48	46.5	<10	49.2000	17.7	<4.0	98.6	4.00	388	1060	<1.5	1.43	<5.0	1.65
2/11/2009	Wednesday	21.16	<2.5	<10	47	50.5	<10	43.1000	21.5	<4.0	116.0	4.00	474	1230			<5.0	
2/17/2009	Tuesday	19.33	<2.5	<10	44	47.6	<10	59.5000	<10	<4.0	102.0	4.00	394	1090	<1.5	1.67	<5.0	9.55
2/18/2009	Wednesday	21.20	<2.5	<10	44	57.6	<10	75.4000	<10	<4.0	117.0	4.00	542	1080			<5.0	
2/24/2009	Tuesday	20.51	<2.5	<10	39	48.7	<10	37.8000	28.9	<4.0	97.4	4.00	311	1040	<1.5	1.57	<5.0	1.7
2/25/2009	Wednesday	20.38	<2.5	<10	45	38.9	<10	29.4000	<10	<4.0	78.9	4.00	252	872			<5.0	
3/3/2009	Tuesday	19.56	<2.5	<10	48	45.1	<10	16.5000	37.6	<4.0	94.8	4.00	40.1	909	<1.5	1.47	<5.0	0.93
3/4/2009	Wednesday	19.48	<2.5	<10	40	37.3	<10	34.6000	<10	<4.0	92.5	4.49	288	900			<5.0	
3/10/2009	Tuesday	24.21	<2.5	<10	32	31.4	<10	33.4000	12.1	<4.0	92.5	4.00	330	910	<1.5	1.52	<5.0	1.54
3/11/2009	Wednesday	26.92	<2.5	<10	<12	36.7	<10	32.0000	28.3	<4.0	79.4	4.00	252	820			<5.0	
3/17/2009	Tuesday	20.79	<2.5	<10	30	44.6	<10	51.2000	<10	<4.0	82.1	4.00	295	840	<3.00	1.49	<5.0	1.76
3/18/2009	Wednesday	21.43	<2.5	<10	43	48.7	<10	45.9000	<10	<4.0	84.1	4.00	262	879			<5.0	
3/24/2009	Tuesday	18.72	<2.5	<10	49	71.3	<10	69.5000	18.1	<4.00	107.0	4.61	684	930	<3.00	1.46	<5.0	1.65
3/25/2009	Wednesday	18.01	<2.5	<10	44	71.6	<10	102.0000	15.7	<4.00	120.0	4.86	390	962			<5.0	
3/31/2009	Tuesday	18.44	<2.5	<10	36	50.0	<10	72.9000	84.1	<4.00	97.4	4.00	381	963	<1.5	1.16	<5.0	9.36
4/1/2009	Wednesday	20.62	<2.5	<10	37	63.0	<10	45.1000	19.0	<4.0	101.0	4.00	298	931			<5.0	
4/7/2009	Tuesday	25.37	<2.5	<10	16	36.7	15.40	35.8000	<10	<4.0	86.2	4.00	707	1420	<1.5	1.42	<5.0	1.12
4/8/2009	Wednesday	24.19	<2.5	<10	31	39.5	<10	47.9000	<10	<4.0	75.9	5.33	278	862			<5.0	
4/14/2009	Tuesday	23.25	<2.5	<10	39	48.6	<10	47.5000	13.0	<4.0	98.4	4.00	308	851	<1.5	1.74	<5.0	1.16
4/15/2009	Wednesday	22.41	<2.5	<10	32	44.9	<10	33.0000	20.3	<4.0	83.7	4.00	263	844			<5.0	
4/21/2009	Tuesday	55.85	<2.5	<10	30	58.9	10.60	61.3000	10.0	<4.0	105.0	4.00	652	1230	<1.5	1.58	<5.0	1.6
4/22/2009	Wednesday	28.45	<2.5	<10	20	38.9	10.20	76.4000	<10	<4.0	79.0	4.00	594	1220			<5.0	
4/28/2009	Tuesday	23.79	<2.5	<10	28	45.9	<10	48.8000	<10	<4.0	88.2	4.00	353	867	<1.5	1.64	<5.0	1.42
4/29/2009	Wednesday	22.70	<2.5	<10	25	41.9	<10	39.5000	<10	<4.0	87.7	4.00	355	858			<5.0	
5/5/2009	Tuesday	36.40	<2.5	<10	36	64.8	10.5	96.1000	<10	<4.0	134.0	4.77	652	1440	<1.5	1.59	<5.0	1.91
5/6/2009	Wednesday	29.83	<2.5	<10	21	42.5	10.40	51.2000	<10	<4.0	85.3	4.00	552	1120			<5.0	
5/12/2009	Tuesday	23.92	<2.5	<10	36	58.1	<10	63.3000	<10	<4.0	96.4	4.18	472	983	<1.5	1.82	<5.0	2.96
5/13/2009	Wednesday	20.35	<2.5	<10	25	59.6	<10	54.3000	<10	<4.0	101.0	4.00	559	1170			<5.0	
5/19/2009	Tuesday	19.02	<2.5	<10	34	59.7	<10	72.1000	<10	<4.0	118.0	4.00	613	996	<1.5	2.04	<5.0	3.32

Table 5: Bucklin Point Influent Metals and Cyanide

Bucklin Point Influent Metals

all analyses in ppb

Date	Day of the Week	Influent flow	Cd	TTL Cr	Hex Cr	Cu	Pb	Hg	Ni	Ag	Zn	CN	Al	Fe	Se	As	Sn	Mo
5/20/2009	Wednesday	18.91	<2.5	<10	51.00	59.5	<10	56.0000	<10	<4.0	113.0	4.00	447	1010			<5.0	
5/26/2009	Tuesday	17.67	<2.5	<10	35.00	41.3	<10	34.3000	<10	<4.0	84.7	4.00	978.00	910	<1.5	1.91	<5.0	1.63
5/27/2009	Wednesday	23.17	<2.5	<10	36	60.1	<10	66.7000	<10	<4.0	125.0	4.00	611	1180			<5.0	
6/2/2009	Tuesday	17.40	<2.5	12.7	42	80.7	<10	75.9000	28.1	<4.0	115.0	4.00	473	997	<1.5	2.24	<5.0	2.14
6/3/2009	Wednesday	16.92	<2.5	<10	48	107.0	<10	66.5000	16.1	<4.0	143.0	4.00	559	1060			<5.0	
6/9/2009	Tuesday	22.49	<2.5	17.2	47	95.1	10.6	87.6000	42.1	<4.0	162.0	4.00	639	1440	<1.5	2.04	<5.0	1.11
6/10/2009	Wednesday	17.69	<2.5	19.1	55	74.7	<10	98.3000	39.8	<4.0	127.0	4.00	472	1060			<5.0	
6/16/2009	Tuesday	16.95	<2.5	<10	32	51.7	<10	71.2000	89.3	<4.0	78.2	4.00	283	1040	<1.5	1.82	<5.0	0.44
6/17/2009	Wednesday	16.84	<2.5	16.1	122	80.4	<10	80.2000	44.6	<4.0	161.0	4.22	486	1170			<5.0	
6/23/2009	Tuesday	19.61	<2.5	<10	82	49.2	<10	67.0000	15.4	<4.0	90.7	4.00	418	1060	<1.5	1.68	<5.0	1.97
6/24/2009	Wednesday	18.64	<2.5	<10	105	59.2	<10	97.8000	13.3	<4.0	121.0	4.00	407	1420			<5.0	
6/30/2009	Tuesday	16.98	<2.5	<10	46	64.3	<10	83.0000	<10	<4.0	129.0	4.00	441	1330	<1.5	1.55	<5.0	1.98
7/1/2009	Wednesday	30.47	<2.5	<10	39	63.5	<10	60.9000	<10	<4.0	154.0	4.00	530	1480			<5.0	
7/7/2009	Tuesday	30.08	<2.5	<10	30	47.7	<10	36.5000	<10	<4.0	108.0		470	1100	<1.5	1.22	<5.0	1.96
7/8/2009	Wednesday	22.89	<2.5	<10	15	46.7	12.8	48.3000	<10	<4.0	102.0	4.00	544	1140			<5.0	
7/9/2009	Thursday	18.69										4.00						
7/14/2009	Tuesday	17.50	<2.5	<10	36	45.6	<10	25.2000	13.5	<4.0	84.0	4.00	376	953	<1.5	1.41	<5.0	10.1
7/15/2009	Wednesday	17.01	<2.5	<10	31	77.3	<10	38.3000	11.3	<4.0	113.0	4.00	426	1100			<5.0	
7/21/2009	Tuesday	29.58	<2.5	10.6	44	64.2	<10	32.9000	10.4	<4.0	114.0	4.00	505	1140	<1.5	1.17	<5.0	2.61
7/22/2009	Wednesday	22.96	<2.5	<10	22	39.5	<10	19.1000	<10	<4.0	84.3	4.00	312	830			<5.0	
7/28/2009	Tuesday	19.88	<2.5	<10	29	57.6	<10	33.8000	13.2	<4.0	94.0	4.61	377	967	<1.5	1.12	<5.0	2.57
7/29/2009	Wednesday	20.45	<2.5	<10	25	40.4	<10	23.3000	<10	<4.0	92.8	4.88	281	900			<5.0	
8/4/2009	Tuesday	19.52	<2.5	<10	37	66.4	<10	47.0000	14.7	<4.0	120.0	4.00	428	1060	<1.5	1.14	<5.0	2.21
8/5/2009	Wednesday	20.36	<2.5	<10	27	55.5	<10	32.3000	24.6	<4.0	118.0	4.00	303	961			<5.0	
8/11/2009	Tuesday	16.98	<2.5	<10	27	55.6	<10	47.8000	<10	<4.0	118.0	4.00	474	1330	<1.5	1.32	<5.0	2.51
8/12/2009	Wednesday	18.28	<2.5	70.8	35	71.7	<10	49.6000	18.8	<4.0	124.0	4.00	470	1440			<5.0	
8/18/2009	Tuesday	16.34	<2.5	<10	48	59.5	<10	43.0000	<10	<4.0	118.0	5.37	402	1040	<1.5	1.28	<5.0	7.3
8/19/2009	Wednesday	15.93	<2.5	10.5	48	66.4	<10	67.4000	10.2	<4.0	142.0	4.00	432	1230			<5.0	
8/25/2009	Tuesday	15.87	<2.5	<10	44	70.0	<10	46.8000	18.0	<4.0	120.0	4.00	515	1410	<1.5	1.35	<5.0	3.35
8/26/2009	Wednesday	15.57	<2.5	<10	44	74.8	<10	40.4000	12.3	<4.0	122.0	4.00	439	1180			<5.0	
9/1/2009	Tuesday	15.37	<2.5	<10	48	79.9	<10	41.3000	14.2	<4.0	99.1	4.00	424	1070	<1.5	1.34	<5.0	2.71
9/2/2009	Wednesday	15.82	<2.5	<10	42	66.4	<10	58.1000	13.5	<4.0	107.0	4.00	460	1110			<5.0	
9/8/2009	Tuesday	15.22			50							4.00						
9/9/2009	Wednesday	15.16	<2.5	11.0	70	88.1	<10	55.3000	28.2	<4.0	144.0	4.00	568	1350	<1.5	1.32	<5.0	5.03
9/10/2009	Thursday	15.24	<2.5	<10		52.9	<10	21.3000	30.1	<4.0	109.0		381	1200			<5.00	
9/15/2009	Tuesday	16.48	<2.5	<10	70	77.1	<10	47.7000	<10	<4.0	117.0	4.00	500	1090	<1.5	1.27	<5.0	1.8
9/16/2009	Wednesday	15.79	<2.5	<10	70	75.2	<10	42.4000	12.0	<4.0	141.0	4.00	508	1150			<5.0	
9/22/2009	Tuesday	15.08	<2.5	16.0	60	93.8	12.3	86.0000	27.8	5.60	196.0	4.00	1380	1710	<1.5	1.76	<5.0	2.62
9/23/2009	Wednesday	15.38	<2.5	32.2	70	123.0	12.3	100.0000	24.2	<4.0	200.0	4.17	690	2200			<5.0	

Table 5: Bucklin Point Influent Metals and Cyanide

Bucklin Point Influent Metals

all analyses in ppb

Date	Day of the Week	Influent flow	Cd	TTL Cr	Hex Cr	Cu	Pb	Hg	Ni	Ag	Zn	CN	Al	Fe	Se	As	Sn	Mo
9/29/2009	Tuesday	20.00	<2.5	<10	130	66.7	<10	98.2000	12.0	<4.0	135.0	4.00	615	1510	<1.5	1.6	<5.0	2.72
9/30/2009	Wednesday	15.18	<2.5	<10	50	78.0	<10	59.2000	14.8	<4.0	169.0	4.11	581	1630			<5.0	
10/6/2009	Tuesday	14.89	<2.5	<10	80	66.3	<10	54.0000	15.4	<4.0	119.0	4.00	474	1170	<1.5	1.28	<5.0	3.45
10/7/2009	Wednesday	28.82	<2.5	<10	30	52.7	15.2	51.6000	10.0	<4.0	103.0	4.00	694	1340			<5.0	
10/13/2009	Tuesday	16.74	<2.5	<10	80	61.0	<10	42.7000	26.0	<4.0	106.0	4.00	495	1070	<1.5	1.17	<5.0	1.94
10/14/2009	Wednesday	15.60	<2.5	85.1	70	73.6	<10	80.2000	21.8	<4.0	139.0	4.00	559	1240			<5.0	
10/20/2009	Tuesday	16.61	<2.5	<10	60	67.7	<10	35.2000	12.0	<4.0	153.0	4.00	695	1290	<1.5	1.24	<5.0	5.54
10/21/2009	Wednesday	16.44	<2.5	<10	40	78.3	<10	107.0000	20.4	<4.0	156.0	4.00	688	1380			<5.0	
10/27/2009	Tuesday	19.04	<2.5	<10	43	63.5	<10	48.7000	17.2	<4.0	134.0	4.00	497	1160	<1.5	1.2	<5.0	2.43
10/29/2009	Thursday	20.76	<2.5	<10	43	66.4	13.4	40.7000	12.1	<4.0	115.0		490	1270			<5.0	
11/3/2009	Tuesday	18.91	<2.5	<10	43	68.9	<10	44.8000	53.8	4.20	130.0	4.00	726	1160	<1.5	1.13	<5.0	2.44
11/4/2009	Wednesday	18.16	<2.5	<10	46	65.9	<10	43.0000	14.2	<4.0	145.0	4.00	633	1300			<5.0	
11/9/2009	Monday	16.84	<2.5	<10	63	54.8	<10	15.7000	<10	<4.0	101.0		469	1130	<1.5	1.19	<5.0	1.36
11/10/2009	Tuesday	17.29										4.00						
11/11/2009	Wednesday	16.94	<2.5	<10	53	60.7	<10	54.7000	11.5	<4.0	130.0	4.00	630	1220			<5.0	
11/17/2009	Tuesday	19.20	<2.5	<10	17	74.1	<10	55.3000	19.8	<4.0	147.0	4.00	597	1280	<1.5	1.3	<5.0	2.49
11/18/2009	Wednesday	19.21	<2.5	<10	43.7	78.4	<10	########	19.6	4.40	146.0	4.00	557	1770			<5.0	
11/23/2009	Monday	27.69	<2.5	<10	39	50.8	<10	32.4000	<10	<4.0	98.1		394	1160	<1.5	1.33	<5.0	1.75
11/24/2009	Tuesday	22.44	<2.5	<10	30	83.9	<10	69.3000	14.7	<4.0	174.0	5.00	603	1310			11.30	
11/25/2009	Wednesday	20.42										4.00						
12/1/2009	Tuesday	19.63	<2.5	<10	40	70.3	<10	41.6000	13.7	<4.0	112.0	4.41	501	1080	<1.5	1.08	<5.0	2.22
12/2/2009	Wednesday	20.07	<2.5	<10	34	76.8	<10	41.5000	15.9	<4.0	103.0	4.50	496	974			<5.0	
12/8/2009	Tuesday	21.96	<2.5	<10	22	65.2	<10	24.8000	16.7	<4.0	96.4	4.00	646	973	<1.5	0.98	<5.0	14
12/9/2009	Wednesday	41.51	<2.5	<10	15	70.6	<10	38.1000	25.5	<4.0	113.0	4.00	903	1320			<5.0	
12/15/2009	Tuesday	24.95	<2.5	39.1	30	72.5	<10	48.0000	23.0	<4.0	134.0	4.00	420	1040	<1.5	1.09	<5.0	3.05
12/16/2009	Wednesday	23.07	<2.5	14.0	25	56.3	<10	38.9000	14.5	<4.0	115.0	4.00	340	878			<5.0	
12/22/2009	Tuesday	20.48	<2.5	<10	21	62.8	<10	66.2000	14.8	<4.0	110.0	4.00	464	1080	<1.5	1.08	<5.0	2.01
12/23/2009	Wednesday	20.45	<2.5	17.3	35	104.0	57.7	47.2000	15.9	<4.0	160.0	4.00	668	1880			<5.0	
12/29/2009	Tuesday	23.07	<2.5	32.2	33	56.9	<10	34.8000	21.2	<4.0	88.4	4.00	442	1100	<1.5	1.07	<5.0	1.74
12/30/2009	Wednesday	21.96	<2.5	<10	30	50.3	<10	50.6000	16.3	<4.0	82.7		341	913			<5.0	
12/31/2009	Thursday	23.05										4.00						
12/24/2008	Wednesday	40.68	<2.5	<10		50.0	<10	0.0178	12.7	<4.0	99.4		367	1020			<5.0	
12/25/2008	Thursday	42.13										4.00						
12/26/2008	Friday	28.34										7.88						
12/29/2008	Monday	27.29	<2.5	<10	26	31.0	<10	0.0207	<10	<4.0	64.4		246	768	<1.5	1.42	<5.0	1.19
12/30/2008	Tuesday	26.38	<2.5	<10	27	44.5	<10	0.0376	13.6	<4.0	83.5	4.00	322	942			<5.00	
12/31/2008	Wednesday	25.85	<2.5	467.0		194.0	<10	0.0289	176.0	<4.0	103.0	4.00	373	916			<5.0	

Table 5: Bucklin Point Influent Metals and Cyanide

Bucklin Point Effluent Metals

all analyses in ppb

Date	Day of the Week	Influent flow	Cd	TTL Cr	Hex Cr	Cu	Pb	Hg	Ni	Ag	Zn	CN	Al	Fe	Se	As	Sn	Mo
1/6/2009	Tuesday	23.23	0.045	16.20	<10	15.40	1.66	7.0000	50.00	0.20	32.40	4.44	89.1	388	<1.5	2.2	<1.0	1.53
1/7/2009	Wednesday	38.17	0.052	26.60	10.00	16.40	1.87	9.5600	28.00	0.23	29.70	6.38	108	328			<1.0	
1/13/2009	Tuesday	23.55	<0.04	5.44	<10	11.00	1.30	5.8700	17.60	0.12	29.80	5.07	59	220			<1.0	
1/14/2009	Wednesday	22.85	<0.04	5.15	<10	10.50	1.22	6.7500	19.70	0.13	28.40	<4.00	57.1	233			<1.0	
1/20/2009	Tuesday	21.26	<0.04	4.82	<10	10.40	1.40	6.0500	15.90	0.12	29.10	4.21	53.8	218			<1.0	
1/21/2009	Wednesday	20.58	<0.04	4.32	<10	8.69	0.99	5.3700	15.50	0.11	32.70	<4.00	52	202			<1.0	
1/27/2009	Tuesday	20.39	<0.04	2.32	<10	7.31	0.62	4.8800	19.40	0.09	31.90	<4.00	46.3	110			<1.0	
1/28/2009	Wednesday	29.08	<0.04	2.52	<10	7.52	0.62	4.4000	16.80	0.07	31.50	<4.00	48.6	113			<1.0	
2/3/2009	Tuesday	20.01	<0.04	1.92	<10	6.86	0.63	3.5500	10.40	0.13	31.70	<4.00	29.6	112	<1.5	2.27	<1.0	1.06
2/4/2009	Wednesday	18.73	<0.04	2.54	<10	7.06	0.54	4.1600	17.30	0.11	32.40	<4.00	32.1	136			<1.0	
2/10/2009	Tuesday	20.40	<0.04	1.62	<10	7.64	0.62	5.2300	13.30	0.07	31.10	<4.00	34.5	110			<1.0	
2/11/2009	Wednesday	21.16	<0.04	1.90	<10	7.03	0.55	2.9900	13.50	0.08	31.50	<4.00	28.8	126			<1.0	
2/17/2009	Tuesday	19.33	<0.04	1.58	<10	7.89	0.57	8.7000	8.81	0.08	30.90	<4.00	36.6	128			<1.0	
2/18/2009	Wednesday	21.20	<0.04	1.82	<10	8.79	0.66	9.4300	8.01	0.10	32.30	<4.00	42.3	135			<1.0	
2/24/2009	Tuesday	20.51	<0.04	1.72	<10	6.97	0.56	3.3400	10.80	0.06	31.10	<4.00	30.6	144			<1.0	
2/25/2009	Wednesday	20.38	<0.04	1.39	<10	7.36	0.62	3.2800	9.40	0.05	32.60	<4.00	30.8	144			<1.0	
3/3/2009	Tuesday	19.56	<0.04	1.06	<10	7.45	<0.5	3.5900	12.80	0.05	36.10	<4.00	30	132	<1.5	2.02	<1.0	1.26
3/4/2009	Wednesday	19.48	<0.04	0.98	<10	7.99	<0.5	2.6700	10.70	0.05	39.20	<4.00	24.5	117			<1.0	
3/10/2009	Tuesday	24.21	<0.04	1.23	<10	6.63	0.72	3.9200	10.60	0.06	39.40	<4.00	36.6	153			<1.0	
3/11/2009	Wednesday	26.92	<0.04	0.98	22.00	5.75	0.54	<2.0	11.50	0.06	35.80	<4.00	28	119			<1.0	
3/17/2009	Tuesday	20.79	<0.04	1.10	<10	7.35	0.62	2.4800	5.41	0.07	23.40	<4.00	25.9	141			<1.0	
3/18/2009	Wednesday	21.43	<0.04	1.66	<10	7.57	0.52	2.6800	9.84	0.07	23.80	<4.00	13.6	68.6			<1.0	
3/24/2009	Tuesday	18.72	<0.04	1.07	<10	7.76	<0.5	2.5300	7.98	0.06	24.80	<4.00	25.2	143			<1.0	
3/25/2009	Wednesday	18.01	<0.04	0.83	<10	8.25	<0.5	8.8300	8.16	0.07	24.10	<4.00	22.9	132			<1.0	
3/31/2009	Tuesday	18.44	<0.04	1.10	<10	9.29	<0.5	<2.0	21.70	0.05	26.50	<4.00	21	132			<1.0	
4/1/2009	Wednesday	20.62	0.048	1.19	<10	11.50	0.69	3.2300	19.40	0.06	30.50	<4.00	25.2	139			1.52	
4/7/2009	Tuesday	25.37	<0.04	1.14	<10	8.28	0.66	3.0400	5.70	0.05	25.80	<4.00	25.2	123	<1.5	1.51	1.26	1.22
4/8/2009	Wednesday	24.19	<0.04	1.28	<10	7.75	<0.5	2.1600	5.93	0.03	26.50	<4.00	18	106			1.22	
4/14/2009	Tuesday	23.25	<0.04	1.04	<10	7.97	<0.5	2.7000	7.79	0.04	28.70	<4.00	19.7	118			<1.0	
4/15/2009	Wednesday	22.41	<0.04	1.21	<10	8.52	0.52	3.1000	10.60	0.05	32.00	<4.00	22.4	123			<1.0	
4/21/2009	Tuesday	43.55	<0.04	1.96	<10	10.10	1.20	9.6900	5.37	0.17	30.80	<4.00	75	271			<1.0	
4/22/2009	Wednesday	28.45	<0.04	1.16	<10	6.02	<0.5	3.5300	5.58	0.05	29.20	<4.00	25.6	122			<1.0	
4/28/2009	Tuesday	23.79	<0.04	0.82	<10	7.15	<0.5	2.8800	5.64	0.05	29.30	<4.00	25.9	118			<1.0	
4/29/2009	Wednesday	22.70	<0.04	0.68	<10	7.00	<0.5	2.6700	5.20	0.05	26.70	<4.00	17.8	136			<1.0	
5/5/2009	Tuesday	31.44	<0.04	1.22	<10	7.81	0.57	3.9800	4.91	0.07	29.00	4.07	31	140	<1.5	1.84	<1.0	1.46
5/6/2009	Wednesday	29.83	<0.04	1.16	<10	6.64	<0.5	3.5600	4.38	0.06	28.00	<4.00	27.7	122			<1.0	
5/12/2009	Tuesday	23.92	<0.04	0.98	<10	10.10	0.52	4.7000	5.60	0.05	34.50	<4.00	35.5	68.4			<1.0	
5/13/2009	Wednesday	20.35	<0.04	1.11	<10	7.45	0.51	2.8300	5.45	0.04	28.40	<4.00	27.4	52.1			<1.0	
5/19/2009	Tuesday	19.02	<0.04	0.80	<10	6.97	<0.5	3.3700	7.02	0.04	32.80	<4.00	25.8	56.9			<1.0	
5/20/2009	Wednesday	18.91	<0.04	1.26	<10	8.47	0.54	3.8000	6.67	0.04	33.90	<4.00	29.8	74.1			<1.0	
5/26/2009	Tuesday	17.67	<0.04	0.58	<10	8.88	<0.5	2.0800	4.84	0.04	32.50	<4.00	24.8	54.7			<1.0	
5/27/2009	Wednesday	23.17	<0.04	0.85	<10	10.00	<0.5	<2.0	5.28	0.06	30.70	<4.00	25.8	56.2			<1.0	
6/2/2009	Tuesday	17.40	<0.04	4.44	<10	8.68	<0.5	4.8300	12.20	0.06	28.60	<4.00	18.6	115	<1.5	2.15	<1.0	1.66
6/3/2009	Wednesday	16.92	<0.04	2.79	<10	8.57	<0.5	4.2700	11.10	0.06	28.40	<4.00	17.9	109			<1.0	
6/9/2009	Tuesday	22.49	<0.04	3.24	<10	8.90	<0.5	5.9800	13.00	0.07	30.30	<4.00	22.3	138			<1.0	
6/10/2009	Wednesday	17.69	<0.04	3.79	<10	7.81	<0.5	7.1200	16.70	0.06	28.90	<4.00	22.2	122			<1.0	
6/16/2009	Tuesday	16.95	<0.04	2.86	<10	11.90	0.51	4.6600	22.70	0.09	29.90	<4.00	25	136			<1.0	
6/17/2009	Wednesday	16.84	<0.04	3.54	<10	11.40	<0.5	5.7100	26.10	0.09	30.30	<4.00	25.2	134			<1.0	
6/23/2009	Tuesday	19.61	<0.04	1.62	<10	8.54	0.62	4.9600	15.60	0.08	28.60	<4.00	25.5	154			<1.0	
6/24/2009	Wednesday	18.64	<0.04	2.06	<10	8.91	0.69	5.5700	15.40	0.08	30.60	<4.00	29.4	185			<1.0	

Table 6: Bucklin Point Effluent Metals and Cyanide

Bucklin Point Effluent Metals

all analyses in ppb

Date	Day of the Week	Influent flow	Cd	TTL Cr	Hex Cr	Cu	Pb	Hg	Ni	Ag	Zn	CN	Al	Fe	Se	As	Sn	Mo
6/30/2009	Tuesday	16.98	<0.04	1.70	<10	8.81	0.69	4.3600	9.21	0.07	29.70	<4.00	23.5	182			<1.0	
7/1/2009	Wednesday	27.67	0.045	1.32	<10	9.07	0.80	2.1900	7.47	0.07	28.50	<4.00	41	206			<1.0	
7/7/2009	Tuesday	30.08	<0.04	1.42	<10	8.41	0.73	4.4200	5.35	0.06	24.90		34.3	241	<1.5	1.15	<1.0	1.35
7/8/2009	Wednesday	22.89	<0.04	0.99	<10	6.73	<0.5	2.5300	4.52	0.03	20.50	<4.00	14.3	146			<1.0	
7/14/2009	Tuesday	17.50	<0.04	1.45	<10	7.10	<0.5	<2.0	7.01	0.03	20.20	<4.00	15.4	156			<1.0	
7/15/2009	Wednesday	17.01	<0.04	1.58	<10	8.01	<0.5	<2.0	7.79	0.04	26.90	<4.00	14	137			<1.0	
7/21/2009	Tuesday	29.58	<0.04	2.62	<10	12.70	0.55	<2.0	7.70	0.08	26.80	<4.00	22.3	132			<1.0	
7/22/2009	Wednesday	22.96	<0.04	1.45	<10	9.97	<0.5	<2.0	8.40	0.06	25.10	<4.00	16.2	97.9			<1.0	
7/28/2009	Tuesday	19.88	0.042	2.26	<10	10.20	<0.5	<2.0	9.29	0.04	28.70	<4.00	23.2	110			<1.0	
7/29/2009	Wednesday	20.45	<0.0800	2.36	<10	10.30	<1.00	<2.0	8.92	<0.0600	35.40	<4.00	22	102			<2.00	
8/4/2009	Tuesday	19.52	0.043	3.11	<10	13.60	<0.5	<2.0	5.19	0.04	31.50	<4.00	14.9	95.3	<1.5	1.1	<1.0	1.73
8/5/2009	Wednesday	20.36	<0.04	3.29	<10	12.10	<0.5	<2.0	7.97	0.04	32.30	<4.00	15.4	96.6			<1.0	
8/11/2009	Tuesday	16.98	0.043	5.20	<10	12.60	<0.5	<2.0	6.61	0.03	29.00	<4.00	30.9	204			<1.0	
8/12/2009	Wednesday	18.28	<0.04	10.30	<10	8.97	<0.5	<2.0	12.20	0.03	27.80	<4.00	15.4	100			<1.0	
8/18/2009	Tuesday	16.34	0.044	2.51	<10	11.80	<0.5	<2.0	7.00	0.05	28.00	<4.00	17	95			<1.0	
8/19/2009	Wednesday	15.93	<0.04	3.06	<10	10.60	<0.5	<2.0	6.88	0.04	26.20	<4.00	12.5	88.4			<1.0	
8/25/2009	Tuesday	15.87	<0.04	1.85	<10	11.20	<0.5	<2.0	7.29	0.06	27.50	<4.00	15.5	107			<1.0	
8/26/2009	Wednesday	15.57	<0.04	1.74	<10	10.20	<0.5	<2.0	7.59	0.05	25.20	<4.00	12.8	107			<1.0	
9/1/2009	Tuesday	15.37	<0.04	2.92	<10	8.16	<0.5	<2.0	10.60	0.05	24.30	<4.00	12.6	110			<1.0	
9/2/2009	Wednesday	15.82	<0.04	2.46	<10	13.10	<0.5	<2.0	9.64	0.06	23.90	<4.00	13.8	115			<1.0	
9/8/2009	Tuesday	15.22			<10							<4.00						
9/9/2009	Wednesday	15.16	<0.04	2.00	<10	4.81	<0.5	<2.0	10.80	0.05	22.70	<4.00	14.1	117			<1.0	
9/10/2009	Thursday	15.24	<0.04	1.89		5.41	<0.5	<2.0	12.60	0.04	26.00		15.1	117			<1.0	
9/15/2009	Tuesday	16.48	<0.04	1.95	10.00	11.10	<0.5	<2.0	8.61	0.05	35.10	<4.00	15.5	100	<1.5	1.26	<1.0	2.17
9/16/2009	Wednesday	15.79	0.041	1.99	10.00	9.76	<0.5	<2.0	10.30	0.05	32.50	<4.00	16	106			<1.0	
9/22/2009	Tuesday	15.08	<0.04	2.30	<10	7.72	<0.5	<2.0	13.70	0.10	31.20	<4.00	17.5	144			<1.0	
9/23/2009	Wednesday	15.38	<0.04	3.87	<10	7.65	<0.5	<2.0	14.50	0.09	35.80	<4.00	17.5	126			<1.0	
9/29/2009	Tuesday	20.00	<0.04	0.93	<10	7.80	<0.5	<2.0	9.09	0.08	30.90	<4.00	21.5	134			<1.0	
9/30/2009	Wednesday	15.18	<0.04	1.13	<10	8.08	<0.5	<2.0	10.10	0.08	33.90	<4.00	21.8	166			<1.0	
10/6/2009	Tuesday	14.89	<0.04	2.95	10.00	11.10	<0.5	<2.0	13.00	0.07	34.80	<4.00	22.5	128	<1.5	1.08	<1.0	2.35
10/13/2009	Tuesday	16.74	<0.04	10.80	20.00	10.80	<0.5	<2.0	10.00	0.06	29.70	<4.00	18.6	157			<1.0	
10/14/2009	Wednesday	15.60	<0.04	5.36	20.00	11.50	<0.5	<2.0	10.10	0.06	29.70	<4.00	19.4	122			<1.0	
10/20/2009	Tuesday	16.61	<0.04	1.58	<10	9.38	<0.5	<2.0	9.48	0.07	39.10	<4.00	27	120			<1.0	
10/21/2009	Wednesday	16.44	0.041	1.60	<10	10.30	0.50	<2.0	12.20	0.08	41.20	<4.00	27.5	125			<1.0	
10/26/2009	Monday	17.69	0.043	11.50		8.52	<0.5		33.10	0.03	38.80		70.1	169	<1.5	7.97	<1.0	1.51
10/27/2009	Tuesday	19.04	<0.04	1.61	<10	9.86	0.52	<2.0	12.10	0.08	37.40	<4.00	30.6	143			<1.0	
10/28/2009	Wednesday	34.87										<4.00						
10/29/2009	Thursday	15.18	<0.04	2.97	<10	11.40	0.54	<2.0	9.09	0.08	34.10		29.7	132			<1.0	
11/3/2009	Tuesday	18.91	<0.04	1.06	<10	9.80	<0.5	<2.0	18.00	0.07	35.30	<4.00	22.5	116	<1.5	1.01	<1.0	1.71
11/4/2009	Wednesday	18.16	<0.04	1.10	<10	9.31	<0.5	<2.0	15.20	0.06	37.80	<4.00	22.8	116			<1.0	
11/9/2009	Monday	16.84	<0.04	1.02	<10	8.61	<0.5	<2.0	10.40	0.06	38.10		19.8	140			<1.0	
11/10/2009	Tuesday	17.29										<4.00						
11/11/2009	Wednesday	16.94	<0.04	2.29	<10	9.47	<0.5	<2.0	12.50	0.07	38.30	<4.00	23.6	153			<1.0	
11/17/2009	Tuesday	19.20	<0.04	0.89	<10	8.33	<0.5	<2.0	11.80	0.07	39.00	<4.00	31.2	152			<1.0	
11/18/2009	Wednesday	19.21	<0.04	1.82	<10	8.85	<0.5	<2.0	11.20	0.08	37.30	<4.00	26.9	142			<1.0	
11/23/2009	Monday	27.69	<0.04	1.11	<10	10.00	0.56	<2.0	7.96	0.09	39.00		36.4	149			<1.0	
11/24/2009	Tuesday	22.44	<0.04	1.23	<10	8.22	<0.5	4.5300	8.62	0.09	35.70	<4.00	30.9	122			<1.0	
11/25/2009	Wednesday	20.42										<4.00						
12/1/2009	Tuesday	19.63	<0.04	1.29	<10	9.41	<0.5	2.8400	8.16	0.07	36.10	<4.00	33	161			<1.0	
12/2/2009	Wednesday	20.07	0.046	2.16	<10	12.40	0.70	5.5200	9.68	0.12	38.10	<4.00	45.9	226			<1.0	

Table 6: Bucklin Point Effluent Metals and Cyanide

Bucklin Point Effluent Metals

all analyses in ppb

Date	Day of the Week	Influent flow	Cd	TTL Cr	Hex Cr	Cu	Pb	Hg	Ni	Ag	Zn	CN	Al	Fe	Se	As	Sn	Mo
12/8/2009	Tuesday	21.96	0.063	2.35	<10	14.00	0.62	4.1500	9.39	0.10	40.30	<4.00	50.1	184	<1.5	0.995	<1.0	14.7
12/9/2009	Wednesday	34.85	0.076	2.14	<10	19.50	1.55	7.9200	11.50	0.19	45.20	<4.00	101	327			<1.0	
12/15/2009	Tuesday	24.95	<0.04	7.61	<10	14.20	0.82	5.5500	11.20	0.16	36.80	<4.00	51.5	231			<1.0	
12/16/2009	Wednesday	23.07	<0.04	28.30	<10	13.20	0.83	5.8800	11.60	0.15	45.10	<4.00	52	220			<1.0	
12/22/2009	Tuesday	20.48	0.055	10.20	<10	17.60	0.94	10.3000	19.60	0.18	39.40	4.14	67.4	356			<1.0	
12/23/2009	Wednesday	20.45	0.062	6.49	<10	21.30	0.91	9.0400	10.40	0.27	39.30	<4.00	82.4	327			<1.0	
12/29/2009	Tuesday	23.07	0.062	6.66	<10	18.20	1.52	11.2000	11.10	0.32	45.40	<4.00	97.2	237			<1.0	
12/30/2009	Wednesday	21.96	0.068	5.35	<10	19.40	1.55	10.8000	11.90	0.26	45.00		127	411			<1.0	
12/31/2009	Thursday	23.05										<4.00						

Table 6: Bucklin Point Effluent Metals and Cyanide

Field's Point Influent Nutrients

Date	Nitrite (NO2) ppm	Nitrate (NO3) ppm	Ammonia (NH3) ppm	TKN ppm	Total Phosphorus ppm
1/5/2009	0.161	0.295	13.4	21.8	3.52
1/6/2009	0.157	0.456	12.3	21.4	3.12
1/7/2009	0.0679	0.81	6.34	15.6	2.48
1/12/2009	0.108	0.931	9.98	20.2	3.23
1/13/2009	0.127	0.932	10.9	21.3	3.27
1/14/2009	0.124	0.925	11.5	21	2.89
1/19/2009	0.107	0.67	15.2	24.1	3.33
1/20/2009	0.114	0.715	15.7	23.9	2.9
1/21/2009					
1/26/2009	0.0945	0.436	13.2	25.4	3.71
1/27/2009	0.104	0.484	15.3	28.9	4.27
1/28/2009	0.0865	0.734	11.5	21.4	3.09
2/2/2009	0.0969	0.654	11.8	22.5	2.92
2/3/2009	0.112	0.783	13.4	24.8	3.02
2/4/2009	0.101	0.715	13.7	24.9	3.16
2/9/2009	0.0616	0.657	11.9	20.5	2.94
2/10/2009	0.158	0.703	13	27.8	3.87
2/11/2009	0.101	0.571	15.3	28.4	3.74
2/16/2009	0.12	0.758	14.1	26.2	3.1
2/17/2009	0.115	0.682	13.6	24.6	3.53
2/18/2009	0.0802	0.533	10.1	20.4	3.57
2/23/2009	0.0863	0.872	9.52	16.8	2.91
2/24/2009	0.0884	0.735	10.2	17.4	2.87
2/25/2009	0.0925	0.88	11.6	21.9	3.1
3/2/2009	0.119	0.856	12.9	23.4	2.75
3/3/2009	0.0961	0.756	12.5	23.1	2.97
3/4/2009	0.0999	0.746	12	23.1	2.79
3/9/2009	0.0689	0.984	6.15	13.9	2.17
3/10/2009	0.133	1.03	8.96	16.8	2.86
3/11/2009	0.101	1.13	8.84	18.8	2.55
3/16/2009	0.142	0.752	12.2	23.2	4
3/17/2009	0.156	0.71	13.2	26.8	3.39
3/18/2009	0.12	0.643	12.9	22	3.27
3/23/2009	0.174	0.507	15.3	25.3	4.04
3/24/2009	0.19	0.585	13.8	23.3	3.55
3/25/2009	0.168	0.533	13.8	20.7	3.21
3/30/2009	0.217	0.655	10.2	13.6	2.63
3/31/2009	0.231	0.478	11.5	17.9	2.83
4/1/2009	0.232	0.601	12.9	24.1	3.7
4/6/2009	0.146	1.04	8.68	15.5	2.41
4/7/2009	0.138	1.03	7.4	14.7	2.13

Field's Point Effluent Nutrients

Date	Nitrite (NO2) ppm	Nitrate (NO3) ppm	Ammonia (NH3) ppm	TKN ppm	Total Phosphorus ppm
1/5/2009	1.13	4.26	6.41	9.25	1.31
1/6/2009	1.07	2.6	6.81	9.7	1.04
1/7/2009	0.466	2.32	5.2	8.34	1.17
1/12/2009	0.684	3.9	5.39	6.99	0.86
1/13/2009	0.834	3.31	6.02	7.78	0.982
1/14/2009	0.73	4.06	6.62	9	1.06
1/19/2009	1.17	2.42	10.6	11.9	1.55
1/20/2009	0.827	3.08	8.35	8.59	1.4
1/21/2009	1.1	2.74	10.3	9.89	1.32
1/26/2009	0.748	3.5	7.47	10.5	1.59
1/27/2009	0.932	3.97	8.29	10.1	1.5
1/28/2009	0.453	2.5	7.8	10.1	1.4
2/2/2009	0.736	2.04	8.48	10.3	1.12
2/3/2009	0.923	1.88	10.6	11.7	1.18
2/4/2009	0.986	1.95	10.4	13.3	1.36
2/9/2009	0.698	0.775	11.7	14.8	1.36
2/10/2009	0.797	0.874	12.1	13.4	1.29
2/11/2009	0.593	0.788	11.6	14.1	1.07
2/16/2009	0.672	0.635	13.7	16.8	1.47
2/17/2009	0.632	0.573	12	14	1.22
2/18/2009	0.423	0.651	8.67	11.7	1.13
2/23/2009	0.402	0.717	10.8	12	0.964
2/24/2009	0.417	0.494	10.8	13.2	1.09
2/25/2009	0.37	0.633	11	13	1.14
3/2/2009	0.377	0.701	12.5	15.3	1.18
3/3/2009	0.331	0.52	12.5	15.4	1.19
3/4/2009	0.35	0.818	11.3	14.4	1.21
3/9/2009	0.195	0.819	7.55	9.02	0.823
3/10/2009	0.231	0.832	8.48	11.3	0.959
3/11/2009	0.219	0.824	10.4	12.9	1.14
3/16/2009	0.352	0.498	11.7	13.7	1.06
3/17/2009	0.466	0.675	13.1	15	1.03
3/18/2009	0.341	0.577	12	16.2	1.36
3/23/2009	0.35	0.397	14.9	16.8	1.71
3/24/2009	0.317	0.365	15.1	15.8	1.64
3/25/2009	0.344	0.246	13.8	14.5	1.56
3/30/2009	0.283	0.439	11.7	12.7	1.44
3/31/2009	0.301	0.416	11.4	13.8	1.18
4/1/2009	0.339	0.32	11.2	15.3	1.13
4/6/2009	0.197	0.616	7.22	8.6	0.754
4/7/2009	0.224	0.728	9.26	10	0.776

Table 7. Field's Point Influent and Effluent Nutrients

Field's Point Influent Nutrients

Date	Nitrite (NO2) ppm	Nitrate (NO3) ppm	Ammonia (NH3) ppm	TKN ppm	Total Phosphorus ppm
4/8/2009	0.135	0.949	8.49	14.8	1.71
4/13/2009	0.0581	0.902	9.45	18.2	2.28
4/14/2009	0.104	0.858	10.5	19.7	2.36
4/15/2009	0.0761	0.825	12	18.1	2.43
4/20/2009	0.0966	0.552	11.3	22.5	4.17
4/21/2009	0.061	1.01	6.35	11.9	2.1
4/22/2009	0.0735	1.1	6.21	9.38	2.33
4/27/2009	0.192	0.569	10.5	16.3	3.36
4/28/2009	0.23	0.555	12.6	18.1	3.56
4/29/2009	0.217	0.452	13	19.4	2.98
5/4/2009	0.163	0.347	13.4	20.7	3.71
5/5/2009	0.128	0.436	9.37	15	2.67
5/6/2009	0.129	0.515	7.34	15	2.5
5/11/2009	0.0609	0.546	13.2	21.9	4.03
5/12/2009	0.13	0.248	12.7	27.5	2.04
5/13/2009	0.0722	0.278	12.6	20.8	4.18
5/18/2009	0.092	0.178	13.6	20.8	4.09
5/19/2009	0.088	0.109	17.4	26.2	3.86
5/20/2009	0.0652	0.157	15.8	26.6	4.34
5/25/2009	0.0886	0.204	12.2	20.4	3.1
5/26/2009	0.0719	<0.10	14.2	24.2	3.87
5/27/2009	0.0454	0.109	13.8	23.5	3.16
6/1/2009	0.0828	<0.10	14.7	29.4	3.33
6/2/2009	0.147	<0.10	14.7	28	2.95
6/3/2009	0.0315	0.142	14	26.4	2.84
6/8/2009	0.024	<0.10	14.9	26.9	3.37
6/9/2009	0.104	0.159	13	24.4	3.92
6/10/2009	0.051	0.135	13.9	26.5	4.44
6/15/2009	0.0565	<0.10	11	19.6	3.07
6/16/2009	0.0435	<0.10	15.5	26.9	3.78
6/17/2009	0.0273	<0.10	17.2	30.1	4.22
6/22/2009	0.0594	<0.10	11.4	24.6	3.63
6/23/2009	0.0614	0.856	13.7	25	3.03
6/24/2009	0.0384	0.0726	14.9	25	3.52
6/29/2009	0.029	0.402	15.5	22.3	3.72
6/30/2009	0.161	<0.10	14.7	15	3
7/1/2009	0.204	0.161	8.43	14.2	2.75
7/6/2009	0.466	<0.10	13.7	20.6	3.56
7/7/2009	0.385	0.262	7.76	15.4	2.97
7/8/2009	0.347	0.118	8.55	11.6	2.43
7/13/2009	0.37	0.15	13.9	23.4	3.14

Field's Point Effluent Nutrients

Date	Nitrite (NO2) ppm	Nitrate (NO3) ppm	Ammonia (NH3) ppm	TKN ppm	Total Phosphorus ppm
4/8/2009	0.194	0.682	7.9	9.4	0.699
4/13/2009	0.191	0.648	9.6	10.4	0.797
4/14/2009	0.258	0.573	10.4	10.8	0.749
4/15/2009	0.24	0.879	11.8	12.2	0.956
4/20/2009	0.269	0.372	9.9	10.9	1.28
4/21/2009	0.234	0.787	7.11	7.55	0.892
4/22/2009	0.236	0.88	7.06	6.95	0.863
4/27/2009	0.479	0.474	9.77	10	0.847
4/28/2009	0.45	0.845	12.1	12	0.88
4/29/2009	0.444	0.295	11	11.5	0.899
5/4/2009	0.836	0.109	13.4	13.6	1.45
5/5/2009	0.517	0.399	7.83	9.5	1.08
5/6/2009	0.48	0.372	7.22	8.93	0.883
5/11/2009	0.494	0.307	12.6	13	1.34
5/12/2009	0.921	<0.10	10.8	12.1	1.34
5/13/2009	0.919	0.208	11.6	12.4	2.3
5/18/2009	1.51	0.2	13.1	14.3	1.83
5/19/2009	1.64	0.383	14.9	16.8	1.71
5/20/2009	1.62	<0.10	13.5	15.6	1.73
5/25/2009	2.05	<0.10	9.56	12.3	1.68
5/26/2009	1.9	<0.10	10.4	12.6	1.69
5/27/2009	1.89	0.265	10.6	12.9	1.58
6/1/2009	3.18	0.155	9.62	13.3	1.54
6/2/2009	3.38	<0.10	9.39	12.5	1.81
6/3/2009	3.08	0.521	9.28	12.5	1.8
6/8/2009	2.64	0.43	10.2	12.5	2.51
6/9/2009	2.47	1.05	5.96	8.92	1.64
6/10/2009	2.81	1.1	8.37	12	1.58
6/15/2009	1.56	1.39	6.93	9.3	1.36
6/16/2009	1.88	1.88	7.89	11.3	1.27
6/17/2009	1.91	3.13	8.93	12.2	1.73
6/22/2009	0.581	3.96	5.52	8.2	1.34
6/23/2009	0.863	4.35	6.12	6.73	1.14
6/24/2009	0.459	6.2	4.67	6.21	1.63
6/29/2009	0.437	4.27	6.34	7.85	1.73
6/30/2009	0.681	4.5	6.82	8.4	1.73
7/1/2009	0.627	2.64	5.84	7.56	1.73
7/6/2009	0.378	2.36	7.56	9.27	1.41
7/7/2009	0.279	1.98	5.48	6.87	1.06
7/8/2009	0.358	6.35	6.32	7.71	0.967
7/13/2009	0.471	3.88	10.4	11.7	1.51

Table 7. Field's Point Influent and Effluent Nutrients

Field's Point Influent Nutrients

Date	Nitrite (NO2) ppm	Nitrate (NO3) ppm	Ammonia (NH3) ppm	TKN ppm	Total Phosphorus ppm
7/14/2009	0.288	0.15	12.1	17.6	3.11
7/15/2009	0.249	0.178	12.8	20.5	3.53
7/20/2009	0.206	0.267	14.7	22.6	3.31
7/21/2009	0.182	0.33	6.35	13.4	1.95
7/22/2009	0.213	0.23	7.92	14.2	2
7/27/2009	0.194	0.343	7.57	12.6	1.87
7/28/2009	0.167	0.272	8.1	11.7	2.12
7/29/2009	0.135	0.348	10.1	16.2	3.01
8/3/2009	0.119	0.406	11.2	21.4	3.29
8/4/2009	0.117	0.35	12.5	21.7	3.55
8/5/2009	0.0963	0.35	10.9	19.5	2.85
8/10/2009	0.021	<0.10	13.1	20.8	3.64
8/11/2009	0.0263	0.137	11.2	19	3.23
8/12/2009	0.028	<0.10	13	19	3.07
8/17/2009	0.0155	<0.10	13.3	21.2	3.47
8/18/2009	0.0264	<0.10	15.3	22.7	3.13
8/19/2009	0.0158	<0.10	13.7	22.8	3.51
8/24/2009	0.0404	<0.10	13.3	21.7	4.28
8/25/2009	0.0535	<0.10	14.1	23.4	3.9
8/26/2009	0.0369	<0.10	14.3	25.2	3.54
8/31/2009	0.241	<0.10	10.8	17.2	2.86
9/1/2009	0.0961	<0.10	14.7	25.4	2.5
9/2/2009	0.0676	<0.10	16.4	27	3.24
9/7/2009	0.222	<0.10	15.4	26.8	3.65
9/8/2009	0.167	<0.10	16.2	28.8	4.23
9/9/2009	0.229	<0.10	16.4	26.3	4.9
9/14/2009	0.0574	<0.10	10.9	17.1	2.93
9/15/2009	0.0342	<0.10	18.2	27	4.11
9/16/2009	0.0216	<0.10	16.4	27.6	5
9/21/2009	0.0173	<0.10	16.1	28	3.91
9/22/2009	0.0206	<0.10	17.9	30	4.41
9/23/2009	0.016	<0.10	18.5	33	4.14
9/28/2009	0.0421	0.11	14.3	25.4	4.69
9/29/2009	0.144	0.157	15	23.4	3.6
9/30/2009	0.126	0.36	16.9	30.7	5.32
10/5/2009	0.249	<0.10	11.7	17.2	3.52
10/6/2009	0.0887	<0.10	16.9	24.5	4.45
10/7/2009	0.056	0.208	8.95	15.9	2.44
10/12/2009	0.0147	<0.10	16.6	27.4	3.9
10/13/2009	0.0113	<0.10	18	27	4.33
10/14/2009	0.0142	0.135	18.2	27	4.26

Field's Point Effluent Nutrients

Date	Nitrite (NO2) ppm	Nitrate (NO3) ppm	Ammonia (NH3) ppm	TKN ppm	Total Phosphorus ppm
7/14/2009	0.498	1.41	9.48	9.58	1.62
7/15/2009	0.562	1.48	10.7	11.2	1.84
7/20/2009	0.893	1.46	8.97	9.78	1.8
7/21/2009	0.628	1.05	5.33	6.72	1.16
7/22/2009	0.866	1.7	4.56	5.71	0.74
7/27/2009	0.846	0.686	5.62	6.55	0.854
7/28/2009	0.788	0.9	5.93	6.33	0.886
7/29/2009	1.16	0.759	7.83	9.2	1.08
8/3/2009	1.41	0.547	7.33	8.9	1.43
8/4/2009	1.76	0.358	8.35	8.36	1.26
8/5/2009	1.11	1.71	6.68	8.52	1.3
8/10/2009	1.77	0.879	5.84	8.18	1.46
8/11/2009	1.41	0.544	5.57	7.55	1.45
8/12/2009	2.43	2.24	5.05	6.55	1.32
8/17/2009	2.23	2.06	4.31	5.86	1.78
8/18/2009	1.97	3.16	4.43	5.97	1.74
8/19/2009	1.92	2.02	5.88	7.79	1.51
8/24/2009	1.74	0.786	7.59	9.53	1.82
8/25/2009	2.21	0.518	8.06	9.5	1.89
8/26/2009	2.07	0.946	9.18	11.4	1.89
8/31/2009	1.05	1.81	5.54	6.72	1.12
9/1/2009	1.42	1.66	7.76	8.28	1.54
9/2/2009	2.05	3.39	7.04	8.27	1.57
9/7/2009	0.722	5.7	4.47	5.96	1.72
9/8/2009	1.01	4.86	4.25	5.16	1.85
9/9/2009	0.583	6.9	3.43	5.36	1.92
9/14/2009	0.367	1.82	6.45	7.52	0.992
9/15/2009	0.619	2.87	9.98	10.3	1.2
9/16/2009	0.578	4.73	7.19	8.5	1.33
9/21/2009	0.605	2.01	10.3	12.2	1.76
9/22/2009	0.806	3.63	9.29	10.3	1.64
9/23/2009	0.997	3.26	9.63	11.2	1.96
9/28/2009	1.02	2.46	5.76	7.73	1.94
9/29/2009	0.859	5.76	4.58	6.27	1.58
9/30/2009	1.27	5.83	6.11	8.8	2.24
10/5/2009	0.977	3.07	5.4	6.14	1.34
10/6/2009	0.834	4.78	5.91	6.46	1.36
10/7/2009	0.645	3.08	4.2	5.08	1.26
10/12/2009	0.898	3.56	8.96	10.4	1.76
10/13/2009	1.47	5.21	8.01	8.92	1.94
10/14/2009	1.44	7.01	6.2	7.66	2.05

Table 7. Field's Point Influent and Effluent Nutrients

Field's Point Influent Nutrients

Date	Nitrite (NO2) ppm	Nitrate (NO3) ppm	Ammonia (NH3) ppm	TKN ppm	Total Phosphorus ppm
10/19/2009	0.0612	0.148	10.5	15.5	2.41
10/20/2009	0.0357	0.265	13.5	21.4	2.9
10/21/2009	0.0196	<0.10	15.8	26.8	4.46
10/26/2009	0.119	0.229	7.58	14.9	2.43
10/27/2009	0.123	0.196	11.4	22.3	2.55
10/28/2009	0.0642	0.421	7.78	14.1	2.93
11/2/2009	0.0423	<0.10	13.4	22.1	3.43
11/3/2009	0.134	0.116	19.3	27.7	3.73
11/4/2009	0.0224	<0.10	15.6	24.4	4.11
11/9/2009	0.0134	<0.10	16.6	24.3	4.62
11/10/2009	0.0239	<0.10	14	24.2	3.94
11/11/2009	0.0248	<0.10	17.9	26.5	4.97
11/16/2009	0.0876	0.359	8.9	15.6	2.89
11/17/2009	0.0718	0.344	10.1	14.9	2.85
11/18/2009	0.0895	0.298	13.2	22.2	4.04
11/23/2009	0.0848	0.406	10	13.3	3.4
11/24/2009	0.275	0.265	12.9	18.4	3.5
11/25/2009	0.101	0.185	13	22.8	4.32
11/30/2009	0.0906	0.191	11.1	21.3	3.76
12/1/2009	0.0835	0.118	13.8	22.6	3.57
12/2/2009	0.0844	0.11	12.4	20.2	3.57
12/7/2009	0.151	0.649	10.2	15.2	2.86
12/8/2009	0.129	0.543	10.1	14.2	2.42
12/9/2009	0.0774	0.816	7.58	10	2.66
12/14/2009	0.105	0.797	7.72	11.2	2.38
12/15/2009	0.122	0.551	8.92	11.4	2.9
12/16/2009	0.132	0.671	10.3	15.1	2.45
12/21/2009	0.161	0.361	13.2	13.5	3.5
12/22/2009	0.134	0.366	12	21.9	3.64
12/23/2009	0.118	0.249	12.4	20.2	3.89
12/28/2009	0.0956	1.06	7	10.7	2.92
12/29/2009	0.112	0.924	7.76	14.8	2.78
12/30/2009	0.0858	1.42	5.75	6.28	2.14

Field's Point Effluent Nutrients

Date	Nitrite (NO2) ppm	Nitrate (NO3) ppm	Ammonia (NH3) ppm	TKN ppm	Total Phosphorus ppm
10/19/2009	0.934	2.48	5.7	8.22	1.3
10/20/2009	1.24	3.86	6.5	7.89	1.43
10/21/2009	2.16	3.28	7.77	8.72	1.62
10/26/2009	0.809	1.17	5.42	7.53	0.998
10/27/2009	0.824	1.24	9.33	9.64	1.01
10/28/2009	0.607	1.1	5.21	7.35	0.964
11/2/2009	1.6	2.37	7.71	9.48	1.62
11/3/2009	1.66	2.74	8.95	11.3	1.57
11/4/2009	2.31	2.79	9.25	13	1.71
11/9/2009	1.85	2.3	9.19	11.4	1.8
11/10/2009	1.84	2.68	9.77	10.5	1.73
11/11/2009	1.88	2.73	10.2	11	1.66
11/16/2009	0.689	1	6.18	8.12	1.17
11/17/2009	0.674	0.534	7.2	9.88	1.13
11/18/2009	0.968	0.578	10.8	12	1.31
11/23/2009	1.14	1.42	7.28	8.8	1.36
11/24/2009	1.53	0.835	8.47	9.03	1.06
11/25/2009	1.64	1.3	6.56	8.5	0.964
11/30/2009	1.53	1.47	6.81	8.88	1.3
12/1/2009	2.32	1.63	8.72	10.9	1.3
12/2/2009	1.07	1.23	6.23	8.81	1.43
12/7/2009	1.27	0.996	6.92	8.77	1.01
12/8/2009	1.13	0.863	6.65	8.04	0.926
12/9/2009	0.704	0.986	5.58	8.05	1.13
12/14/2009	0.734	0.801	6.69	9.33	0.988
12/15/2009	0.784	0.615	7.94	9.46	0.969
12/16/2009	1.13	0.686	8.84	11	1.07
12/21/2009	1.69	1.06	10	13.2	1.48
12/22/2009	1.76	1.31	8.97	10.7	1.36
12/23/2009	1.75	1.23	8.78	11.4	1.39
12/28/2009	0.761	1.46	6.47	8.96	1.23
12/29/2009	0.697	1.26	6.58	9.75	0.973
12/30/2009	0.645	1.16	5.61	8.43	0.764

Table 7. Field's Point Influent and Effluent Nutrients

Bucklin Point Influent Nutrients

Date	Nitrite (NO2) ppm	Nitrate (NO3) ppm	Ammonia (NH3) ppm	TKN ppm	Total Phosphorus ppm
1/5/2009	0.221	0.955	13.2	25.2	4.9
1/6/2009	0.295	1.14	14	22.6	5.49
1/7/2009	0.187	0.826	11.4	22.3	3.38
1/12/2009	0.224	1.25	14.1	24.8	3.54
1/13/2009	0.226	1.42	15.1	24	3.34
1/14/2009	0.18	1.15	13.1	22.8	3.15
1/19/2009	0.2	1.1	15.4	26.9	4.46
1/20/2009	0.195	1.08	14.4	25.2	3.75
1/21/2009	0.157	0.455	13.8	25.5	4.06
1/26/2009	0.118	0.529	16.5	30.3	4.64
1/27/2009	0.133	0.426	16.7	29.6	4.2
1/28/2009	0.138	0.506	16.5	28.8	3.75
2/2/2009	0.134	0.823	15.6	26.8	3.62
2/3/2009	0.212	0.771	14.9	26.4	3.68
2/4/2009	0.161	0.451	16.1	27.6	3.54
2/9/2009	0.112	0.571	14.6	26.8	3.33
2/10/2009	0.185	0.517	15.2	26.7	3.48
2/11/2009	0.132	0.323	15.5	27	3.58
2/16/2009	0.13	0.362	15.2	28	3.5
2/17/2009	0.14	0.372	14.8	27.5	3.4
2/18/2009	0.128	0.331	14.5	25.3	3.61
2/23/2009	0.098	0.855	11.1	18.1	2.77
2/24/2009	0.168	0.786	14.6	25	3.98
2/25/2009	0.12	0.557	14.3	21.1	4.21
3/2/2009	0.131	0.45	15.2	27.3	3.31
3/3/2009	0.163	0.591	15.4	24.5	3.13
3/4/2009	0.131	0.623	14.7	22.2	3
3/9/2009	0.0971	0.276	12.8	20.7	4.01
3/10/2009	0.146	0.954	12	12.9	2.77
3/11/2009	0.138	0.975	12	22.2	2.94
3/16/2009	0.147	0.524	14.4	27.4	4.15
3/17/2009	0.174	0.309	14.8	27	3.98
3/18/2009	0.275	0.123	14.7	25.3	4.5
3/23/2009	0.106	0.232	15.6	24.6	3.74
3/24/2009	0.0509	<0.10	15.8	21.4	4.01
3/25/2009	0.188	<0.10	16	24.8	5.13
3/30/2009	0.122	0.629	14.7	20.9	3.05
3/31/2009	0.149	0.567	15.5	22.4	3.76
4/1/2009	0.134	0.455	16	28.2	4.8
4/6/2009	0.16	0.418	14.9	26.9	3.83
4/7/2009	0.127	0.76	9.1	15.7	2.13

Bucklin Point Effluent Nutrients

Date	Nitrite (NO2) ppm	Nitrate (NO3) ppm	Ammonia (NH3) ppm	TKN ppm	Total Phosphorus ppm
1/5/2009	0.313	3.08	3	6.01	2.5
1/6/2009	0.317	2.54	2.77	6.1	2.33
1/7/2009	0.194	3.72	1.99	5.13	1.52
1/12/2009	0.37	2.47	3.08	5.32	1.63
1/13/2009	0.321	2.46	2.9	5	1.82
1/14/2009	0.268	2.32	2.32	4.61	1.53
1/19/2009	0.256	3.15	1.64	3.44	1.8
1/20/2009	0.164	1.14	7.16	9.86	3.71
1/21/2009	0.267	2.1	4.26	5.95	0.993
1/26/2009	0.26	2.73	2.92	5.16	2.18
1/27/2009	0.293	2.55	4.02	6.48	2.4
1/28/2009	0.234	2.56	3.62	5.93	2.58
2/2/2009	0.326	2.23	3.93	6.12	1.97
2/3/2009	0.284	2.12	3.64	6.44	1.92
2/4/2009	0.255	2.6	2.98	5.32	2.03
2/9/2009	0.156	4.71	0.705	2.62	1.53
2/10/2009	0.162	4.58	0.662	3.12	2.01
2/11/2009	0.177	3.84	1.1	2.87	2.03
2/16/2009	0.123	4.38	0.526	2.04	1.99
2/17/2009	0.125	4.58	0.639	2.25	2
2/18/2009	0.132	4.82	0.784	2.36	2.32
2/23/2009	0.169	5.73	0.809	2.08	1.48
2/24/2009	0.142	4.93	0.876	2.28	1.55
2/25/2009	0.134	4.6	0.722	2.6	1.88
3/2/2009	0.118	4.74	0.515	1.36	1.85
3/3/2009	0.0391	6.53	0.232	1.37	1.8
3/4/2009	0.0372	7.16	0.261	1.36	1.91
3/9/2009	0.148	4.22	0.791	3.23	2.11
3/10/2009	0.147	4.6	1.16	2.54	1.73
3/11/2009	0.117	3.7	1.15	2.62	1.51
3/16/2009	0.0947	4.07	0.324	1.81	1.62
3/17/2009	0.0998	4.52	0.625	1.97	1.62
3/18/2009	0.098	4.78	0.496	1.99	1.88
3/23/2009	0.046	5.66	0.112	1.66	1.79
3/24/2009	0.0503	6.69	0.125	1.68	2.01
3/25/2009	0.0222	5.14	<0.1	1.13	1.89
3/30/2009	0.11	3.92	0.276	1.79	1.73
3/31/2009	0.0474	4.64	0.137	1.35	2
4/1/2009	0.033	5.07	0.174	1.89	2.27
4/6/2009	0.0467	5.08	0.129	2.09	1.81
4/7/2009	0.149	6.8	0.621	1.85	2

Table 8. Bucklin Point Influent and Effluent Nutrients

Bucklin Point Influent and Effluent Nutrients 2009

Date	Nitrite (NO2) ppm	Nitrate (NO3) ppm	Ammonia (NH3) ppm	TKN ppm	Total Phosphorus ppm
4/8/2009	0.168	0.819	13.7	21	2.52
4/13/2009	0.217	0.795	13.7	23.5	2.15
4/14/2009	0.22	0.685	13.3	24.7	2.64
4/15/2009	0.194	0.616	13.9	22	2.73
4/20/2009	0.306	0.218	15	24.5	3.25
4/21/2009	0.0894	0.461	10.8	21	2.76
4/22/2009	0.0977	0.91	8.69	11.7	3.12
4/27/2009	0.12	0.451	12.4	18.3	3.6
4/28/2009	0.219	0.141	12.8	18.5	3.28
4/29/2009	0.133	0.361	13.1	20.4	4.66
5/4/2009	0.12	<0.10	15.9	23.6	4.27
5/5/2009	0.0933	0.211	13.7	23.2	4
5/6/2009	0.0873	0.627	10.1	18.4	2.5
5/11/2009	0.212	0.176	14.6	24.2	3.53
5/12/2009	0.23	<0.10	15.3	24.5	3.85
5/13/2009	0.169	0.297	13.8	23.5	3.75
5/18/2009	0.348	<0.10	15.6	27.1	4.18
5/19/2009	0.306	<0.10	15.7	27.7	4.27
5/20/2009	0.0434	<0.10	15.7	26.5	4.54
5/25/2009	0.117	0.174	14.8	25.7	3.73
5/26/2009	0.0724	<0.10	16.5	26.7	4.7
5/27/2009	0.113	<0.10	15.3	29.6	3.73
6/1/2009	0.0345	<0.10	17.8	34.3	3.75
6/2/2009	0.0317	<0.10	17.6	35	4.03
6/3/2009	0.05	<0.10	18.4	35.6	3.85
6/8/2009	0.0861	<0.10	17.9	32.3	4
6/9/2009	0.247	<0.10	16.6	26.8	5.39
6/10/2009	0.469	<0.10	17.4	30.8	6.66
6/15/2009	0.288	<0.10	17.2	28.5	3.76
6/16/2009	0.138	0.169	18.5	32.2	4.87
6/17/2009	0.0679	<0.10	18.4	32.8	4.59
6/18/2009					
6/19/2009					
6/22/2009	0.0201	<0.10	16.1	31.1	4.05
6/23/2009	0.132	<0.10	14.1	26.2	3.52
6/24/2009	0.0373	0.0637	17.8	29.7	5.11
6/25/2009					
6/26/2009					
6/27/2009					
6/28/2009					
6/29/2009	0.0353	<0.10	16.8	26.4	4.42

Date	Nitrite (NO2) ppm	Nitrate (NO3) ppm	Ammonia (NH3) ppm	TKN ppm	Total Phosphorus ppm
4/8/2009	0.0516	6.56	0.226	1.61	1.46
4/13/2009	0.0134	6	0.116	1.28	1.3
4/14/2009	0.0264	5.55	0.176	1.56	1.39
4/15/2009	0.0159	5.72	0.176	1.38	1.62
4/20/2009	0.0164	6	0.102	1.18	1.79
4/21/2009	0.0447	4.17	0.363	2	1.7
4/22/2009	0.0398	6.29	0.35	1.33	1.71
4/27/2009	0.0122	5.11	0.139	<1.0	1.62
4/28/2009	0.017	5.22	0.206	<1.0	1.84
4/29/2009	0.0106	5.84	0.115	<1.0	1.83
5/4/2009	0.0106	6.42	<0.1	1.15	2.03
5/5/2009	0.0384	4.74	0.42	1.36	1.96
5/6/2009	0.0329	6.47	0.336	1.47	2.02
5/11/2009	0.0129	7.02	<0.1	1.15	1.87
5/12/2009	0.0188	6.37	0.166	1.13	1.87
5/13/2009	0.0221	7.24	0.239	1.72	2.01
5/18/2009	0.034	6.35	0.394	1.68	2.29
5/19/2009	0.0218	5.44	0.212	1.23	2.34
5/20/2009	0.0173	5.73	0.194	1.94	2.41
5/25/2009	0.0182	6.73	0.137	1.13	2.22
5/26/2009	0.0126	7.31	0.145	1.15	2.25
5/27/2009	0.0145	6.99	0.121	1.54	2.33
6/1/2009	0.0341	6.75	0.226	1.66	2.41
6/2/2009	0.0225	6.63	0.204	1.7	2.42
6/3/2009	0.0572	6.3	0.456	1.87	2.48
6/8/2009	0.0251	8.59	0.126	1.52	2.88
6/9/2009	0.0694	6.76	1.35	2.5	2.98
6/10/2009	0.0477	6.61	0.374	1.96	2.4
6/15/2009	0.0506	8.3	0.179	1.59	2.56
6/16/2009	0.0625	9.28	0.445	1.62	3.08
6/17/2009	0.0728	9.95	0.683	2.42	3.03
6/18/2009				2.37	
6/19/2009				5.54	
6/22/2009	0.167	5.19	0.74	2.66	2.01
6/23/2009	0.165	2.54	3.35	4.75	2.2
6/24/2009	0.24	5.71	3.36	4.37	2.19
6/25/2009				2.07	
6/26/2009				2.2	
6/27/2009				2.14	
6/28/2009				<1.00	
6/29/2009	0.0363	6.81	0.22	1.26	2.12

Table 8. Bucklin Point Influent and Effluent Nutrients

Bucklin Point Influent and Effluent Nutrients 2009

Date	Nitrite (NO2) ppm	Nitrate (NO3) ppm	Ammonia (NH3) ppm	TKN ppm	Total Phosphorus ppm
6/30/2009	0.0202	<0.10	17.9	23.9	4.64
7/1/2009	0.0214	<0.10	17.2	28.8	4.94
7/6/2009	0.226	<0.10	15.3	23.5	3.87
7/7/2009	0.0863	<0.10	14.6	24.6	3.94
7/8/2009	0.563	0.389	9.67	19.4	2.88
7/13/2009	0.552	<0.10	14.3	22.8	3.62
7/14/2009	0.34	<0.10	14.4	23.8	4.76
7/15/2009	0.306	<0.10	15	24	4.28
7/20/2009	0.549	<0.10	16.1	25.8	4.59
7/21/2009	0.0428	<0.10	14.2	23.3	3.92
7/22/2009	0.0997	0.491	12.4	17.3	2.42
7/27/2009	0.13	0.318	13	21.1	3.4
7/28/2009	0.159	0.204	13.4	22.5	4.99
7/29/2009	0.245	<0.10	14.3	23.2	3.35
8/3/2009	0.283	0.209	13.8	25	4.24
8/4/2009	0.0243	<0.10	14.9	25.4	4.13
8/5/2009	0.113	0.521	14.7	24	3.26
8/10/2009	0.413	0.323	15	26.2	3.88
8/11/2009	0.139	<0.10	14.9	32	4.57
8/12/2009	0.045	<0.10	15.5	17.6	5.08
8/17/2009	0.204	<0.10	16	25.1	4.12
8/18/2009	0.384	0.179	15.8	26.1	4.86
8/19/2009	0.276	<0.10	16.7	30.7	4.62
8/24/2009	0.557	0.226	16.2	27.6	4.39
8/25/2009	0.375	<0.10	16.5	28.8	5.18
8/26/2009	0.0286	0.107	17.8	29.9	5.01
8/31/2009	0.0274	<0.10	17.4	29.4	4.01
9/1/2009	0.024	<0.10	17.5	28.8	4.86
9/2/2009	0.0288	<0.10	18.9	32.9	5.16
9/7/2009	0.135	<0.10	17.7	27.4	3.38
9/8/2009					
9/9/2009	0.0284	<0.10	18.7	34.5	4.81
9/14/2009	0.0254	<0.10	18	31.3	4.75
9/15/2009	0.0282	<0.10	19	31.3	4.23
9/16/2009	0.0288	<0.10	19.6	39.7	5.97
9/21/2009	0.0417	<0.10	19.9	36.2	5.44
9/22/2009	0.0244	<0.10	20	37.8	5.21
9/23/2009	0.0294	<0.10	19.4	34.2	6.01
9/28/2009	0.0613	<0.10	18.3	22.9	4.63
9/29/2009	0.04	<0.10	15.6	27.5	3.91
9/30/2009	0.0411	<0.10	20.6	33.3	5.68

Date	Nitrite (NO2) ppm	Nitrate (NO3) ppm	Ammonia (NH3) ppm	TKN ppm	Total Phosphorus ppm
6/30/2009	0.0221	7	0.21	<1.0	2.28
7/1/2009	0.034	6.26	0.281	1.3	1.96
7/6/2009	0.0378	7.42	<0.200	1.29	1.97
7/7/2009	0.0425	5.92	<0.200	1.74	1.8
7/8/2009	0.0444	6.42	0.296	1.15	1.24
7/13/2009	0.0194	7.22	<0.200	1.07	1.87
7/14/2009	0.0365	6.03	0.278	1.1	1.89
7/15/2009	0.0529	4.95	0.394	1.7	1.82
7/20/2009	0.0669	4.45	0.902	1.96	2.06
7/21/2009	0.0656	5.59	0.431	1.1	2.13
7/22/2009	0.0763	6.79	0.594	1.26	1.73
7/27/2009	0.0238	6.4	<0.2	1.25	1.75
7/28/2009	0.0257	6.64	<0.2	1.28	2
7/29/2009	0.0291	5.6	<0.2	1.64	1.86
8/3/2009	0.0208	7.06	<0.2	1.27	1.77
8/4/2009	0.0229	5.51	<0.2	1.48	1.75
8/5/2009	0.0237	5.87	<0.2	1.25	1.85
8/10/2009	0.0363	7.3	0.315	1.13	1.92
8/11/2009	0.0231	6.3	<0.2	<1.0	1.9
8/12/2009	0.0437	6.88	0.727	1.03	2.16
8/17/2009	0.0291	5.98	<0.2	1	1.73
8/18/2009	0.0257	5.76	<0.2	1.13	2
8/19/2009	0.0324	5.39	0.679	1.17	2.19
8/24/2009	0.0252	4.9	<0.2	1.09	1.3
8/25/2009	0.026	5.43	<0.2	1.11	2.1
8/26/2009	0.0228	4.71	<0.2	1.19	2.32
8/31/2009	0.0463	6.14	<0.2	1.08	1.61
9/1/2009	0.0404	7.88	<0.2	1.23	2.1
9/2/2009	0.029	8.15	0.253	<1.0	2.44
9/7/2009	0.0902	7.1	0.759	1.45	2.13
9/8/2009	0.0798	5.21	0.303	1.38	1.5
9/9/2009	0.0228	6.23	<0.2	1.19	1.08
9/14/2009	0.0316	6.17	<0.2	<1.0	1.54
9/15/2009	0.0272	7.3	<0.2	<1.0	2.3
9/16/2009	0.021	8.11	<0.2	1.48	2.14
9/21/2009	0.0182	6.09	<0.2	1.09	1.96
9/22/2009	0.0361	6.2	0.221	1.54	2.13
9/23/2009	0.0197	6.23	<0.2	1.18	1.68
9/28/2009	0.0412	5.77	0.33	1.64	2.37
9/29/2009	0.0228	6.43	<0.2	1.16	2.14
9/30/2009	0.048	7.34	<0.2	1.78	2.71

Table 8. Bucklin Point Influent and Effluent Nutrients

Bucklin Point Influent and Effluent Nutrients 2009

Date	Nitrite (NO2) ppm	Nitrate (NO3) ppm	Ammonia (NH3) ppm	TKN ppm	Total Phosphorus ppm
10/5/2009	0.0273	<0.10	19.3	22.7	5.46
10/6/2009	0.118	<0.10	20.1	25.8	5.16
10/7/2009	0.0969	0.164	12.5	25.2	3.34
10/12/2009	0.0373	<0.10	20.4	31.3	4.49
10/13/2009	0.0335	<0.10	19.5	28.7	4.94
10/14/2009	0.0333	<0.10	21	36.6	4.96
10/19/2009	0.0569	0.564	12	18.1	2.81
10/20/2009	0.14	<0.10	18.6	30.9	4.3
10/21/2009	0.0361	<0.10	19.4	33.2	5.01
10/26/2009					
10/27/2009	0.122	<0.10	16.6	30.2	4.3
10/28/2009	0.147	<0.10	14.4	30	3.93
10/29/2009					
11/2/2009	0.0682	<0.10	16.6	28	5.24
11/3/2009	0.0746	<0.10	17.3	29.2	5.18
11/4/2009	0.0602	<0.10	16.4	26.7	4.7
11/9/2009	0.0272	<0.10	17.8	29.8	4.95
11/10/2009	0.107	<0.10	16.9	28.2	5.63
11/11/2009	0.0444	<0.10	19	30.7	6.44
11/16/2009	0.159	0.452	15	24.5	4.6
11/17/2009	0.158	0.11	15.6	29.1	5.73
11/18/2009	0.104	0.394	15.8	28.2	6.05
11/23/2009	0.147	<0.10	15.9	31	5.56
11/24/2009	0.0936	0.34	12.8	21.9	4.61
11/25/2009	0.0276	0.122	15.3	20.2	5.8
11/30/2009	0.124	0.21	15.8	23	4.75
12/1/2009	0.0932	0.236	14.4	18.5	3.9
12/2/2009	0.0851	0.165	16.1	26.1	4.03
12/7/2009	0.129	0.582	13.1	19.6	3.87
12/8/2009	0.151	0.453	13.5	19.8	3.78
12/9/2009	0.11	0.398	13.1	18.5	3.87
12/14/2009	0.111	0.924	9.1	19.4	3.42
12/15/2009	0.148	0.724	12.6	17.5	4.08
12/16/2009	0.155	0.739	13.2	14.7	3.77
12/17/2009					
12/18/2009					
12/21/2009	0.0933	0.308	15.1	22.1	4.77
12/22/2009	0.119	0.324	15	25.1	4.55
12/23/2009	0.0867	0.317	14.7	25.1	4.53
12/28/2009	0.174	1.18	12.2	18.3	4.26
12/29/2009	0.127	0.97	12.4	15.6	4.35

Date	Nitrite (NO2) ppm	Nitrate (NO3) ppm	Ammonia (NH3) ppm	TKN ppm	Total Phosphorus ppm
10/5/2009	0.0442	5.8	<0.2	1.3	1.99
10/6/2009	0.04	6.17	<0.2	1.35	2.71
10/7/2009	0.0278	5.5	<0.2	1.66	2.24
10/12/2009	0.0508	7.19	0.339	1.26	2.44
10/13/2009	0.0244	6.93	<0.2	1.02	2.44
10/14/2009	0.0412	8.04	0.849	1.47	2.74
10/19/2009	0.0845	6.34	0.801	1.74	1.21
10/20/2009	0.0514	6.74	0.222	1.51	1.6
10/21/2009	0.0499	7.46	0.218	<1.0	2.32
10/26/2009	0.0427	11.8	0.28	1.91	2.54
10/27/2009	0.0278	8.44	<0.2	1.38	2.32
10/28/2009					
10/29/2009	0.0414	6.88	0.224	1.51	1.53
11/2/2009	0.0342	6.39	0.211	1.48	2.09
11/3/2009	0.0329	6.79	<0.2	1.44	2.29
11/4/2009	0.0393	6.86	0.832	1.82	2.23
11/9/2009	0.0278	6.17	<0.200	1.04	2.18
11/10/2009	0.0205	6.66	0.364	1.2	2.35
11/11/2009	0.03	7.21	0.272	1.32	2.52
11/16/2009	0.0324	6.12	<0.200	1.35	1.12
11/17/2009	0.0271	6.48	0.115	1.42	1.65
11/18/2009	0.0278	7.61	0.317	1.28	2.14
11/23/2009	0.062	6.66	0.58	1.73	2.1
11/24/2009	0.0697	7.13	0.239	1.51	1.89
11/25/2009	0.0841	7.37	0.797	1.24	2.1
11/30/2009	0.0466	5.89	0.153	1.4	1.94
12/1/2009	0.0228	6.4	0.155	1.71	1.8
12/2/2009	0.0348	7.14	0.302	1.89	2.43
12/7/2009	0.0323	7.81	<0.1	1.44	1.69
12/8/2009	0.0292	8.26	0.122	1.53	2.07
12/9/2009	0.1	7.61	1.23	2.63	2.19
12/14/2009	0.109	8.45	0.617	2.44	1.92
12/15/2009	0.128	7.54	0.374	2.38	2.08
12/16/2009	0.059	6.87	0.203	2.28	1.67
12/17/2009	0.0518	8.49	0.307	3.15	
12/18/2009			0.153	2.62	
12/21/2009	0.0462	9.19	0.124	2.31	2.18
12/22/2009	0.0409	9.32	0.126	2.53	2.24
12/23/2009	0.0694	9.76	0.5	2.66	2.5
12/28/2009	0.111	9.75	0.65	3.34	1.75
12/29/2009	0.115	9.94	0.43	3.06	1.88

Table 8. Bucklin Point Influent and Effluent Nutrients

Bucklin Point Influent and Effluent Nutrients 2009

Date	Nitrite (NO2) ppm	Nitrate (NO3) ppm	Ammonia (NH3) ppm	TKN ppm	Total Phosphorus ppm
12/30/2009	0.131	0.709	15.1	23.2	4.74

Date	Nitrite (NO2) ppm	Nitrate (NO3) ppm	Ammonia (NH3) ppm	TKN ppm	Total Phosphorus ppm
12/30/2009	0.152	9	1.88	4.52	1.88

Table 8. Bucklin Point Influent and Effluent Nutrients

Bucklin Point and Field's Point Oil and Grease 2009 (ppm)

Bucklin Point		
Date	**Influent**	**Effluent**
1/6/2009	27.77	<4.50
2/3/2009	30.76	<4.50
3/3/2009	25.35	<4.50
4/7/2009	18.50	<4.50
5/5/2009	27.41	<4.50
6/2/2009	43.06	<4.50
7/7/2009	27.95	<4.50
8/4/2009	35.00	4.93
9/15/2009	22.00	<4.50
10/6/2009	34.09	<4.50
11/3/2009	20.40	<4.50
12/8/2009	14.35	<4.50

Field's Point		
Date	**Influent**	**Effluent**
1/6/2009	12.04	<4.50
2/3/2009	24.22	<4.50
3/3/2009	74.30	<4.50
4/7/2009	15.92	<4.50
5/5/2009	15.55	<4.50
6/2/2009	26.37	4.87
7/7/2009	15.82	<4.50
8/4/2009	25.33	5.93
9/15/2009	36.41	<4.50
10/7/2009	17.66	<4.50
11/3/2009	25.22	<4.50
12/8/2009	24.93	<4.50

Table 9. Bucklin Point and Field's Point Oil Grease Data

Field's Point Effluent Dissolved Metals 2009

all results in ppb

MDL = Method Detection Limit

Date	Cd	Cd MDL	Cr	Cr MDL	Cu	Cu MDL	Pb	Pb MDL	Ni	Ni MDL	Ag	Ag MDL	Zn	Zn MDL	Al	Al MDL	Fe	Fe MDL
1/6/2009	0.0763	0.020	1.28	0.500	10	0.500	<0.5	0.500	18.3	0.500	0.0301	0.010	19	1.000	5.7	2.000	173	5.000
2/3/2009	0.16	0.020	1.1	0.500	13.1	0.500	<0.5	0.500	13.2	0.500	0.0649	0.010	24.8	1.000	37.8	2.000	145	5.000
3/3/2009	0.18	0.020	2.86	0.500	14.6	0.500	0.776	0.500	11.3	0.500	0.103	0.010	28.3	1.000	25.5	2.000	170	5.000
4/7/2009	0.0672	0.020	3.11	0.500	6.68	0.500	<0.5	0.500	9.5	0.500	0.0449	0.010	17.6	1.000	8.43	2.000	123	5.000
5/5/2009	0.0515	0.020	0.753	0.500	6.15	0.500	<0.5	0.500	8.54	0.500	0.0375	0.010	13.9	1.000	5.06	2.000	99.8	5.000
6/2/2009	0.111	0.020	3	0.500	11	0.500	<0.5	0.500	14.3	0.500	0.126	0.010	19.8	1.000	5.71	2.000	118	5.000
7/8/2009	0.041	0.020	1.93	0.500	8.06	0.500	0.657	0.500	7.49	0.500	0.0421	0.010	14	1.000	4.88	2.000	142	5.000
8/4/2009	0.087	0.020	2.44	0.500	12.4	0.500	<0.5	0.500	13.9	0.500	0.0819	0.010	16.4	1.000	11.4	2.000	122	5.000
9/15/2009	0.0947	0.020	4.38	0.500	8.12	0.500	<0.5	0.500	15	0.500	0.0511	0.010	20.9	1.000	5.48	2.000	142	5.000
10/6/2009	0.112	0.020	2.36	0.500	7.28	0.500	<0.5	0.500	16.3	0.500	0.0589	0.010	39.1	1.000	5.89	2.000	158	5.000
11/3/2009	0.0839	0.020	2.09	0.500	8.96	0.500	<0.5	0.500	22.2	0.500	0.0798	0.010	35.4	1.000	4.51	2.000	142	5.000
12/8/2009	0.0591	0.020	1.53	0.500	9.4	0.500	<0.5	0.500	12.7	0.500	0.126	0.010	18.6	1.000	6.76	2.000	188	5.000

	Cd	Cr	Cu	Pb	Ni	Ag	Zn	Al	Fe
yearly average concentration	0.09	2.24	9.65	0.72	13.56	0.07	22.32	10.59	143.57
yearly median concentration	0.09	2.23	9.18	0.72	13.55	0.06	19.40	5.80	142.00
yearly minimum concentration	0.04	0.75	6.15	0.66	7.49	0.03	13.90	4.51	99.80
yearly maximum concentration	0.18	4.38	14.60	0.78	22.20	0.13	39.10	37.80	188.00

Table 10: Field's Point Effluent Dissolved Metals

Bucklin Point Effluent Dissolved Metals 2009

all results in ppb

MDL = Method Detection Limit

Date	Cd	Cd MDL	Cr	Cr MDL	Cu	Cu MDL	Pb	Pb MDL	Ni	Ni MDL	Ag	Ag MDL	Zn	Zn MDL	Al	Al MDL	Fe	Fe MDL
1/6/2009	0.02	0.020	7.23	0.500	5.81	0.500	<0.5	0.500	41.8	0.500	0.0304	0.010	20.1	1.000	6.27	2.000	96.8	2.000
2/3/2009	0.02	0.020	1.15	0.500	5.83	0.500	<0.5	0.500	9.15	0.500	0.0843	0.010	35.3	1.000	6.24	2.000	71.3	2.000
3/3/2009	0.02	0.020	1.97	0.500	6.31	0.500	<0.5	0.500	12.7	0.500	0.0244	0.010	33.7	1.000	8.92	2.000	70.2	2.000
4/7/2009	0.02	0.020	3.03	0.500	6.19	0.500	<0.5	0.500	4.61	0.500	0.0165	0.010	21.7	1.000	7.29	2.000	63.4	2.000
5/5/2009	0.0242	0.020	0.698	0.500	5.68	0.500	<0.5	0.500	4.21	0.500	0.0169	0.010	25.9	1.000	6.75	2.000	61.9	2.000
6/2/2009	0.0238	0.020	6.72	0.500	7.72	0.500	<0.5	0.500	11.5	0.500	0.0245	0.010	26.4	1.000	7.61	2.000	79.5	2.000
7/7/2009	0.02	0.020	3.35	0.500	6.36	0.500	<0.5	0.500	4.13	0.500	0.0196	0.010	22.7	1.000	4.26	2.000	90.7	2.000
8/4/2009	0.0395	0.020	4.46	0.500	13.9	0.500	<0.5	0.500	4.96	0.500	0.0196	0.010	29	1.000	8.9	2.000	83	2.000
9/15/2009	0.0252	0.020	4.07	0.500	10.8	0.500	<0.5	0.500	6.3	0.500	0.0279	0.010	33.2	1.000	8.38	2.000	87.5	2.000
10/6/2009	0.0321	0.020	4.28	0.500	8.53	0.500	<0.5	0.500	9.01	0.500	0.0316	0.010	35.8	1.000	11.8	2.000	97	2.000
11/3/2009	0.0227	0.020	1.93	0.500	8.09	0.500	<0.5	0.500	15.2	0.500	0.0307	0.010	34.6	1.000	9.59	2.000	80.7	2.000
12/8/2009	0.0615	0.020	3.2	0.500	10.3	0.500	<0.5	0.500	8.45	0.500	0.023	0.010	33.3	1.000	17.7	2.000	134	2.000

	Cd	Cr	Cu	Pb	Ni	Ag	Zn	Al	Fe
yearly average concentration	0.03	3.51	7.96	<0.50	11.00	0.03	29.31	8.64	84.67
yearly median concentration	0.02	3.28	7.04	<0.50	8.73	0.02	31.10	8.00	81.85
yearly minimum concentration	0.02	0.70	5.68	<0.50	4.13	0.02	20.10	4.26	61.90
yearly maximum concentration	0.06	7.23	13.90	<0.50	41.80	0.08	35.80	17.70	134.00

Table 11: Bucklin Point Effluent Dissolved Metals

Field's Point WWTF Bioassay Results - 2009 *Americamysis bahia*						
Acute	**1st Quarter, 2009**			**2nd Quarter, 2009**		
Test	**Result**	**Permit Limit**	**Pass Y/N**	**Result**	**Permit Limit**	**Pass Y/N**
LC_{50}	>100%	>100%	Y	>100%	>100%	Y
A-NOEC	100%	N/A**	N/A	100%	N/A**	N/A
	3rd Quarter, 2009			**4th Quarter, 2009**		
Test	**Result**	**Permit Limit**	**Pass Y/N**	**Result**	**Permit Limit**	**Pass Y/N**
LC_{50}	>100%	>100%	Y	>100%	>100%	Y
A-NOEC	100%	N/A**	N/A	100%	N/A**	N/A

* NOTE - % indicates Percent Effluent

** No permit limit exists for A-NOEC

LC_{50}	LC_{50} is the effluent concentration that causes 50% mortality during the acute toxicity test duration.
A-NOEC	No observable effect concentration: Highest concentration of the effluent in which 90% or more of the test animals survive
Acute Test	continuous exposure to effluent for 48 hours

Field's Point WWTF Bioassay Results - 2009 *Arbacia punctulata*						
Chronic	**1st Quarter, 2009**			**2nd Quarter, 2009**		
Test	**Result**	**Permit Limit**	**Pass Y/N**	**Result**	**Permit Limit**	**Pass Y/N**
C-NOEC	13%	Required monitoring: No Limit	Y	100%	Required monitoring: No Limit	Y
	3rd Quarter, 2009			**4th Quarter, 2009**		
Test	**Result**	**Permit Limit**	**Pass Y/N**	**Result**	**Permit Limit**	**Pass Y/N**
C-NOEC	100%	Required monitoring: No Limit	Y	100%	Required monitoring: No Limit	Y

* NOTE - % indicates Percent Effluent

Chronic test	Tests for sublethal effects of effluent on specifically on fertilization rates of *A. punculata* eggs. Exposure rate is 60 minutes
C-NOEC	Highest concentration of effluent with no observed effect on fertilization rates

Bucklin Point WWTF Bioassay Results - 2009

Americamysis bahia

Acute	1st Quarter, 2009			2nd Quarter, 2009			
Test	**Result**	**Permit Limit**	**Pass Y/N**	**Test**	**Result**	**Permit Limit**	**Pass Y/N**
LC_{50}	>100%	>100%	Y	LC_{50}	>100%	>100%	Y
A-NOEC	100%	N/A**	N/A	A-NOEC	100%	N/A	N/A
	3rd Quarter, 2009			**4th Quarter, 2009**			
Test	**Result**	**Permit Limit**	**Pass Y/N**	**Test**	**Result**	**Permit Limit**	**Pass Y/N**
LC_{50}	>100%	>100%	Y	LC_{50}	>100%	>100%	Y
A-NOEC	100%	N/A	N/A	A-NOEC		N/A	N/A

* NOTE - % indicates Percent Effluent

** No permit limit exists for A-NOEC

LC_{50} LC_{50} is the effluent concentration that causes 50% mortality during the acute

A-NOEC No observable effect concentration: Highest concentration of the effluent in which 90% or more of the test animals survive

Acute Test continuous exposure to effluent for 48 hours

Bucklin Point WWTF Bioassay Results - 2009

Cyprinodon variegatus

Acute	1st Quarter, 2009			2nd Quarter, 2009			
Test	**Result**	**Permit Limit**	**Pass Y/N**	**Test**	**Result**	**Permit Limit**	**Pass Y/N**
LC_{50}	>100%	>100%	Y				
A-NOEC	100%	N/A**	N/A				
	3rd Quarter, 2009			**4th Quarter, 2009**			
Test	**Result**	**Permit Limit**	**Pass Y/N**	**Test**	**Result**	**Permit Limit**	**Pass Y/N**

* NOTE - % indicates Percent Effluent

** No permit limit exists for A-NOEC

LC_{50} LC_{50} is the effluent concentration that causes 50% mortality during the acute

A-NOEC No observable effect concentration: Highest concentration of the effluent in which

Acute Test continuous exposure to effluent for 48 hours

Bucklin Point WWTF Bioassay Results - 2009

Arbacia punctulata

Chronic	1st Quarter, 2009			2nd Quarter, 2009			
Test	**Result**	**Permit Limit**	**Pass Y/N**	**Test**	**Result**	**Permit Limit**	**Pass Y/N**
C-NOEC	25%	50%	N	C-NOEC	100%	50%	Y
	3rd Quarter, 2009			**4th Quarter, 2009**			
Test	**Result**	**Permit Limit**	**Pass Y/N**	**Test**	**Result**	**Permit Limit**	**Pass Y/N**
C-NOEC	100%	50%	Y	C-NOEC	100%	50%	Y

* NOTE - % indicates Percent Effluent

Chronic test Tests for sublethal effects of effluent on specifically on fertilization rates of *A.*

C-NOEC Highest concentration of effluent with no observed effect on fertilization rates

Bucklin Point WWTF Bioassay Results - 2009 *Cyprinodon variegatus*							
Chronic	**1st Quarter, 2009**			**2nd Quarter, 2009**			
Test	**Result**	**Permit Limit**	**Pass Y/N**	**Test**	**Result**	**Permit Limit**	**Pass Y/N**
C-NOEC	100%	50%	Y				
	3rd Quarter, 2009			**4th Quarter, 2009**			
Test	**Result**	**Permit Limit**	**Pass Y/N**	**Test**	**Result**	**Permit Limit**	**Pass Y/N**

* NOTE - % indicates Percent Effluent

Chronic test Tests for sublethal effects of effluent on specifically on fertilization rates of *A.*

C-NOEC Highest concentration of effluent with no observed effect on fertilization rates

Field's Point Dry Sludge Analysis for Metals

	Sludge	Silver		Arsenic		Beryllium		Cadmium		Chromium		Copper		Molybdenum		Nickel		Lead		Selenium		Zinc		Mercury		Cyanide	
Date	**Tons**	**ppm**	**lbs**	**ppm**	**lbs**	**ppm**	**lbs**	**ppm**	**lbs**	**ppm**	**lbs**	**ppm**	**lbs**	**ppm**	**lbs**	**ppm**	**lbs**	**ppm**	**lbs**	**ppm**	**lbs**	**ppm**	**lbs**	**ppm**	**lbs**	**ppm**	**lbs**
1/6/2009	13.88	6.44		3.12		6.44		4.57		39.47		205.25		20.77		41.34		88.29		2.12		521.23		0.36		13.84	
1/20/2009	27.14	7.98		2.44		2.16		4.74		40.11		249.94		21.57		51.54		71.81		1.42		483.93		0.43		12.36	
Monthly Avg:	**20.51**	**7.21**		**2.78**		**4.30**		**4.66**		**39.79**		**227.60**		**21.17**		**46.44**		**80.05**		**1.77**		**502.58**		**0.40**		**13.10**	
Monthly Total in lbs.	**1352073**		**9.75**		**3.76**		**5.81**		**6.30**		**53.80**		**307.73**		**28.62**		**62.79**		**108.24**		**2.39**		**679.53**		**0.54**		**17.71**
2/3/2009	22.25	9.34		2.49		1.95		5.25		40.07		209.12		19.45		37.16		83.26		0.97		533.40		0.52		18.75	
2/17/2009	41.55	9.30		2.35		2.02		5.06		47.32		449.97		20.22		35.39		88.17		1.01		643.92		0.42		14.22	
Monthly Avg:	**31.90**	**9.32**		**2.42**		**1.98**		**5.15**		**43.70**		**329.55**		**19.84**		**36.27**		**85.72**		**0.99**		**588.66**		**0.47**		**16.49**	
Monthly Total in lbs.	**1363643**		**12.71**		**3.30**		**2.71**		**7.03**		**59.59**		**449.38**		**27.05**		**49.46**		**116.89**		**1.35**		**802.72**		**0.64**		**22.48**
3/3/2009	14.77	6.26		2.13		1.57		2.35		37.56		162.45		15.65		35.53		95.78		0.78		549.49		0.46		9.75	
3/17/2009	16.81	8.07		2.45		1.83		3.67		43.28		267.76		18.34		51.53		104.54		0.92		518.46		1.07		9.22	
Monthly Avg:		**7.16**		**2.29**		**1.70**		**3.01**		**40.42**		**215.11**		**17.00**		**43.53**		**100.16**		**0.85**		**533.98**		**0.77**		**9.49**	
Monthly Total in lbs.	**1375938**		**9.86**		**3.15**		**2.34**		**4.14**		**55.62**		**295.97**		**23.38**		**59.90**		**137.81**		**1.17**	0.00	**734.72**		**1.05**		**13.05**
4/7/2009	24.62	8.68		2.64		1.55		4.50		69.17		349.25		15.51		41.87		179.43		0.78		614.29				5.12	
4/21/2009	28.09	8.37		2.00		1.90		7.80		74.34		264.09		19.01		40.50		102.10		0.95		654.82				11.91	
Monthly Avg:	**26.36**	**8.53**		**2.32**		**1.73**		**6.15**		**71.75**		**306.67**		**17.26**		**41.19**		**140.77**		**0.87**		**634.55**		**0.55**		**8.52**	
Monthly Total in lbs.	**1355247**		**11.55**		**3.14**		**2.34**		**8.33**		**97.25**		**415.62**		**23.39**		**55.82**		**190.77**		**1.17**		**859.98**		**0.74**		**11.54**
5/5/2009	28.58	7.74		1.59		1.89		7.18		43.26		258.41		18.89		57.05		105.02		0.94		591.04				3.50	
5/19/2009	30.29	6.80		1.42		2.06		8.45		44.94		396.42		20.61		57.72		114.41		1.03		628.55				2.92	
Monthly Avg:	**29.44**	**7.27**		**1.51**		**1.98**		**7.82**		**44.10**		**327.41**		**19.75**		**57.38**		**109.72**		**0.99**		**609.79**		**0.55**		**3.21**	
Monthly Total in lbs.	**1311351**		**9.54**		**1.97**		**2.59**		**10.25**		**57.83**		**429.35**		**25.90**		**75.25**		**143.88**		**1.29**		**799.66**		**0.71**		**4.21**
6/2/2009	9.41	6.05		1.49		1.78		6.41		47.51		377.62		17.80		55.88		86.31		2.03		702.21				1.93	
6/16/2009	21.51	9.03		1.97		2.31		9.03		115.97		460.86		23.15		48.15		157.40		3.63		965.71				5.32	
Monthly Avg:	**15.46**	**7.54**		**1.73**		**2.05**		**7.72**		**81.74**		**419.24**		**20.47**		**52.01**		**121.86**		**2.83**		**833.96**		**0.55**		**3.63**	
Monthly Total in lbs.	**1158009**		**8.73**		**2.00**		**2.37**		**8.94**		**94.66**		**485.49**		**23.71**		**60.23**		**141.11**		**3.28**		**965.73**		**0.63**		**4.20**
7/7/2009	19.93	10.69		3.14		2.18		8.29		102.77		512.34		21.82		78.12		254.42		3.56		988.45				3.39	
7/21/2009	25.75	7.74		1.71		2.28		5.23		129.72		354.57		22.76		47.34		149.52		3.16		1071.91				4.31	
Monthly Avg:	**22.84**	**9.21**		**2.43**		**2.23**		**6.76**		**116.25**		**433.45**		**22.29**		**62.73**		**201.97**		**3.36**		**1030.18**		**0.55**		**3.85**	
Monthly Total in lbs.	**1289914**		**11.89**		**3.13**		**2.88**		**8.72**		**149.95**		**559.12**		**28.75**		**80.91**		**260.53**		**4.33**		**1328.84**		**0.70**		**4.97**
8/4/2009	28.64	8.32		3.25		1.89		6.62		91.32		373.96		18.91		73.73		155.59		1.42		974.78				3.93	
8/18/2009	30.49	10.81		2.86		1.83		5.86		80.26		424.40		18.32		56.44		100.97		2.53		930.54				5.60	
Monthly Avg:	**29.57**	**9.57**		**3.06**		**1.86**		**6.24**		**85.79**		**399.18**		**18.62**		**65.09**		**128.28**		**1.98**		**952.66**		**0.55**		**4.77**	
Monthly Total in lbs.	**1242443**		**11.88**		**3.80**		**2.31**		**7.75**		**106.59**		**495.96**		**23.13**		**80.87**		**159.38**		**2.45**		**1183.63**		**0.68**		**5.92**
9/1/2009	23.63	7.95		3.26		1.62		3.57		58.74		275.84		16.23		36.02		118.77		1.05		619.99				3.19	
9/15/2009	28.68	7.83		3.27		1.70		4.94		75.78		311.81		17.03		50.07		133.17		2.40		730.22				4.59	
Monthly Avg:	**28.68**	**7.89**		**3.27**		**1.66**		**4.25**		**67.26**		**293.82**		**16.63**		**43.04**		**125.97**		**1.73**		**675.11**		**0.55**		**3.89**	
Monthly Total in lbs.	**1093774**		**8.63**		**3.57**		**1.82**		**4.65**		**73.57**		**321.38**		**18.19**		**47.08**		**137.78**		**1.89**		**738.41**		**0.60**		**4.25**
10/6/2009	13.40	9.40		3.13		2.35		5.88		68.86		315.87		23.50		57.82		137.72		3.08		754.65				4.68	
10/20/2009	25.93	9.50		3.09		2.38		4.51		52.02		297.88		23.75		45.37		105.71		2.68		715.71				4.16	
Monthly Avg:	**19.67**	**9.45**		**3.11**		**2.36**		**5.19**		**60.44**		**306.87**		**23.63**		**51.59**		**121.71**		**2.88**		**735.18**		**0.55**		**4.42**	
Monthly Total in lbs.	**1305689**		**12.34**		**4.06**		**3.09**		**6.78**		**78.92**		**400.68**		**30.85**		**67.36**		**158.92**		**3.76**		**959.92**		**0.71**		**5.77**
11/3/2009	24.65	6.13		1.78		1.92		3.83		30.08		228.16		19.16		90.42		68.97		0.96		480.65				2.58	
11/17/2009	21.13	12.32		2.93		1.87		5.22		43.10		291.65		18.66		54.67		97.22		2.07		667.27				2.97	
Monthly Avg:	**22.89**	**9.22**		**2.36**		**1.89**		**4.53**		**36.59**		**259.91**		**18.91**		**72.55**		**83.09**		**1.52**		**573.96**		**0.55**		**2.78**	
Monthly Total in lbs.	**1162740**		**10.72**		**2.74**		**2.20**		**5.26**		**42.54**		**302.20**		**21.99**		**84.35**		**96.61**		**1.76**		**667.37**		**0.63**		**3.23**
12/1/2009	21.78	12.12		2.20		2.02		3.03		36.37		240.83		20.20		33.54		75.97		1.64		532.99				2.56	
12/15/2009	20.96	9.62		2.90		1.75		3.50		37.24		250.21		17.49		33.75		102.99		0.87		544.84				32.98	
Monthly Avg:	**21.37**	**10.87**		**2.55**		**1.88**		**3.26**		**36.81**		**245.52**		**18.84**		**33.64**		**89.48**		**1.26**		**538.91**		**0.55**		**17.77**	
Monthly Total in lbs.	**1340309**		**14.57**		**3.42**		**2.53**		**4.37**		**49.33**		**329.08**		**25.26**		**45.09**		**119.93**		**1.68**		**722.31**		**0.73**		**23.82**
YEARLY TOTAL LBS	**15351132**		**132.17**		**38.04**		**32.97**		**82.53**		**919.63**		**4791.96**		**300.22**		**769.12**		**1771.85**		**26.53**		**10442.81**		**8.37**		**121.15**

NM - Not measured. Yearly Average concentrations were used to calculate monthly pounds when no data was available

Table 14: Field's Point Sludge Analysis

Field's Point Metals Loading from Final Sludge (lbs/yr)

Year	Arsenic	Beryllium	Cadmium	Copper	Chromium	Lead	Mercury	Molybdeum	Nickel	Selenium	Silver	Zinc	Cyanide
1994			202.7	13386.0	2628.1	4297.2	74.0		4626.2		1113.9	15683.7	281.0
1995			203.5	14962.8	2824.5	3700.2	55.0		4202.3		818.1	13071.5	189.3
1996	132.3	4.9	186.4	12461.8	3473.3	3389.6	47.8	205.1	3860.3		757.7	11615.1	239.8
1997			189.7	13674.5	3654.7	4122.1	53.9		3400.3		867.9	12323.5	189.6
1998	44.6		208.7	11207.8	2655.5	2879.9	36.9		2188.6		698.3	10101.5	127.1
1999	35.4		233.3	13490.2	2315.0	2516.8	28.8	164.7	1887.7	74.9	677.4	11549.1	90.1
2000	42.4	32.3	352.8	15019.4	1747.7	2544.9	12.0	84.1	1191.9	23.5	384.0	6482.0	49.6
2001	88.1	16.9	205.7	15120.0	2379.0	2611.1	26.3	204.6	2008.3	282.0	634.9	13297.6	111.0
2002	84.9	7.6	154.5	15758.0	1757.0	3156.0	27.9	190.1	1555.0	190.4	651.5	15148.0	79.6
2003	53.6	9.7	183.8	12993.4	1976.2	3008.8	28.4	98.1	1485.4	118.2	466.3	12773.9	60.8
2004	43.4	12.1	221.0	20910.1	3774.2	2608.5	23.8	103.2	2472.9	163.4	501.2	14645.1	95.9
2005	79.5	13.9	250.7	30477.9	4970.6	2867.9	29.6	190.3	3092.9	167.2	478.5	20592.3	78.6
2006	85.2	11.7	131.8	5889.2	1448.6	2616.6	16.7	193.4	1181.6	136.4	452.8	12290.6	56.9
2007	18.5	12.2	64.5	3862.6	612.1	1033.7	6.8	157.1	526.2	41.8	173.4	6833.0	67.5
2008	32.9	48.3	66.7	5426.0	856.5	1793.2	74.0	294.3	841.1	39.2	195.7	9914.5	113.8
2009	38.0	33.0	82.5	4792.0	919.6	1771.9	8.4	300.2	769.1	26.5	132.2	10442.8	121.1

Table 15: Field's Point Sludge Summary

Bucklin Point Dry Sludge Analysis for Metals

	Sludge	Silver		Arsenic		Beryllium		Cadmium		Chromium		Copper		Molybdenum		Nickel		Lead		Selenium		Zinc		Mercury		Cyanide	
Date	**Tons**	**ppm**	**lbs**	**ppm**	**lbs**	**ppm**	**lbs**	**ppm**	**lbs**	**ppm**	**lbs**	**ppm**	**lbs**	**ppm**	**lbs**	**ppm**	**lbs**	**ppm**	**lbs**	**ppm**	**lbs**	**ppm**	**lbs**	**ppm**	**lbs**	**ppm**	**lbs**
1/6/2009	6.74	18.78		4.00		1.71		6.49		1115.78		846.70		17.07		308.53		127.03		3.81		1298.65		0.87		4.86	
1/20/2009	1.86	16.21		3.74		1.91		15.07		987.49		745.63		18.79		281.92		130.47		4.67		1315.96		0.80		4.82	
Monthly Avg:	**4.30**	**17.50**		**3.87**		**1.81**		**10.78**		**1051.64**		**796.16**		**17.93**		**295.23**		**128.75**		**4.24**		**1307.30**		**0.83**		**4.84**	
Monthly Total in lbs.	**234080**		**4.10**		**0.91**		**0.42**		**2.52**		**246.17**		**186.37**		**4.20**		**69.11**		**30.14**		**0.99**		**306.01**		**0.19**		**1.13**
2/3/2009	7.59	20.80		3.13		2.02		4.85		870.25		958.89		17.17		250.37		120.75		2.71		1365.96		1.25		6.16	
2/17/2009	10.15	14.33		4.02		1.77		4.25		500.54		796.91		17.69		151.45		96.43		2.78		1215.00		1.26		9.88	
Monthly Avg:	**8.87**	**17.56**		**3.58**		**1.89**		**4.55**		**685.40**		**877.90**		**17.43**		**200.91**		**108.59**		**2.75**		**1290.48**		**1.25**		**8.02**	
Monthly Total in lbs.	**279780**		**4.91**		**1.00**		**0.53**		**1.27**		**191.76**		**245.62**		**4.88**		**56.21**		**30.38**		**0.77**		**361.05**		**0.35**		**2.24**
3/3/2009	14.84	12.33		4.20		1.79		2.68		426.23		715.27		17.86		133.62		108.26		1.75		1182.77		1.14		7.72	
3/17/2009	8.64	12.31		4.35		1.87		2.80		302.59		721.40		18.66		102.60		105.59		2.31		1124.55		0.89		10.82	
Monthly Avg:		**12.32**		**4.28**		**1.83**		**2.74**		**364.41**		**718.34**		**18.26**		**118.11**		**106.92**		**2.03**		**1153.66**		**1.02**		**9.27**	
Monthly Total in lbs.	**384440**		**4.74**		**1.64**		**0.70**		**1.05**		**140.09**		**276.16**		**7.02**		**45.41**		**41.11**		**0.78**		**443.51**		**0.39**		**3.56**
4/7/2009	7.76	12.15		3.54		1.69		4.39		222.30		654.58		16.88		86.59		106.34		1.67		1057.15				6.99	
4/21/2009	13.80	11.20		3.31		1.75		4.03		182.06		669.41		17.51		79.30		101.53		1.52		1016.72				6.79	
Monthly Avg:	**10.78**	**11.68**		**3.43**		**1.72**		**4.21**		**202.18**		**662.00**		**17.19**		**82.95**		**103.94**		**1.60**		**1036.94**		**1.03**		**6.89**	
Monthly Total in lbs.	**373680**		**4.36**		**1.28**		**0.64**		**1.57**		**75.55**		**247.38**		**6.42**		**31.00**		**38.84**		**0.60**		**387.48**		**0.39**		**2.57**
5/5/2009	7.98	12.61		3.75		1.73		4.84		161.01		706.56		17.28		87.93		116.44		2.57		1043.78				5.97	
5/19/2009	6.40	11.66		3.65		1.88		4.89		140.12		728.99		18.81		83.51		127.14		1.54		1084.08				4.55	
Monthly Avg:		**12.14**		**3.70**		**1.80**		**4.86**		**150.56**		**717.78**		**18.04**		**85.72**		**121.79**		**2.06**		**1063.93**		**1.03**		**5.26**	
Monthly Total in lbs.	**360060**		**4.37**		**1.33**		**0.65**		**1.75**		**54.21**		**258.44**		**6.50**		**30.86**		**43.85**		**0.74**		**383.08**		**0.37**		**1.89**
6/2/2009	8.13	12.99		3.80		1.97		4.92		129.06		788.55		19.67		81.65		129.06		1.89		1083.27				3.93	
6/16/2009	8.16	10.33		3.75		1.91		4.97		123.72		665.27		19.12		68.08		122.38		2.10		1136.06				4.42	
Monthly Avg:	**8.15**	**11.66**		**3.78**		**1.94**		**4.95**		**126.39**		**726.91**		**19.40**		**74.86**		**125.72**		**2.00**		**1109.66**		**1.03**		**4.18**	
Monthly Total in lbs.	**434260**		**5.06**		**1.64**		**0.84**		**2.15**		**54.89**		**315.67**		**8.42**		**32.51**		**54.60**		**0.87**		**481.88**		**0.45**		**1.81**
7/7/2009	7.46	14.23		2.97		2.41		4.53		201.35		710.83		15.63		107.40		120.69		6.68		1072.11				2.28	
7/21/2009	7.41	14.67		3.90		1.93		5.60		120.22		784.81		19.30		74.49		139.90		5.63		1206.65				3.65	
Monthly Avg:	**7.44**	**14.45**		**3.44**		**2.17**		**5.06**		**160.79**		**747.82**		**17.47**		**90.94**		**130.30**		**6.16**		**1139.38**		**1.03**		**2.97**	
Monthly Total in lbs.	**429520**		**6.20**		**1.48**		**0.93**		**2.18**		**69.06**		**321.20**		**7.50**		**39.06**		**55.96**		**2.64**		**489.39**		**0.44**		**1.27**
8/4/2009	ND	15.58		5.37		1.83		5.68		133.10		857.44		18.34		94.60		158.95		3.95		1336.66				2.19	
8/18/2009	7.29	15.12		5.38		1.80		5.58		132.29		746.38		18.00		96.47		142.36		4.52		1196.69				3.12	
Monthly Avg:	**7.29**	**15.35**		**5.38**		**1.82**		**5.63**		**132.69**		**801.91**		**18.17**		**95.53**		**150.66**		**4.24**		**1266.68**		**1.03**		**2.66**	
Monthly Total in lbs.	**416240**		**6.39**		**2.24**		**0.76**		**2.34**		**55.23**		**333.79**		**7.56**		**39.77**		**62.71**		**1.76**		**527.24**		**0.43**		**1.11**
9/1/2009	14.55	10.16		4.01		1.75		4.38		124.95		643.52		17.52		66.59		112.16		3.14		1047.99				3.46	
9/15/2009	14.89	15.35		4.91		1.89		3.98		124.87		629.46		18.95		65.75		116.91		4.04		1052.19				2.93	
Monthly Avg:	**14.72**	**12.76**		**4.46**		**1.82**		**4.18**		**124.91**		**636.49**		**18.24**		**66.17**		**114.53**		**3.59**		**1050.09**		**1.03**		**3.20**	
Monthly Total in lbs.	**415580**		**5.30**		**1.85**		**0.76**		**1.74**		**51.91**		**264.51**		**7.58**		**27.50**		**47.60**		**1.49**		**436.40**		**0.43**		**1.33**
10/6/2009	7.99	14.23		4.98		2.03		3.46		102.27		573.55		20.33		62.01		100.64		4.59		1011.90				2.98	
10/20/2009	7.44	15.63		4.27		2.00		4.21		114.43		636.90		20.04		65.13		106.62		3.41		1042.52				1.42	
Monthly Avg:	**7.72**	**14.93**		**4.63**		**2.02**		**3.83**		**108.35**		**605.23**		**20.19**		**63.57**		**103.63**		**4.00**		**1027.21**		**1.03**		**2.20**	
Monthly Total in lbs.	**374540**		**5.59**		**1.73**		**0.76**		**1.44**		**40.58**		**226.68**		**7.56**		**23.81**		**38.81**		**1.50**		**384.73**		**0.39**		**0.82**
11/3/2009	6.95	14.89		4.06		1.50		3.61		103.79		608.74		15.04		54.00		96.57		2.62		907.02				1.92	
11/17/2009	6.26	17.30		4.71		1.86		3.72		111.79		671.10		18.60		60.82		106.58		4.33		1052.78				2.31	
Monthly Avg:	**6.61**	**16.09**		**4.39**		**1.68**		**3.67**		**107.79**		**639.92**		**16.82**		**57.41**		**101.57**		**3.48**		**979.90**		**1.03**		**2.12**	
Monthly Total in lbs.	**319880**		**5.15**		**1.40**		**0.54**		**1.17**		**34.48**		**204.70**		**5.38**		**18.36**		**32.49**		**1.11**		**313.45**		**0.33**		**0.68**
12/1/2009	5.93	16.69		4.54		1.72		3.79		107.39		663.79		17.21		65.57		106.87		3.41		1044.48				2.01	
12/15/2009	6.13	17.07		4.26		1.80		3.77		109.78		690.28		17.97		66.66		108.70		3.61		1002.54				2.65	
Monthly Avg:	**6.03**	**16.88**		**4.40**		**1.76**		**3.78**		**108.58**		**677.04**		**17.59**		**66.11**		**107.79**		**3.51**		**1023.51**		**1.03**		**2.33**	
Monthly Total in lbs.	**372040**		**6.28**		**1.64**		**0.65**		**1.41**		**40.40**		**251.88**		**6.54**		**24.60**		**40.10**		**1.31**		**380.79**		**0.38**		**0.87**
YEARLY TOTAL LBS	**4394100**		**62.46**		**18.14**		**8.18**		**20.59**		**1054.33**		**3132.39**		**79.57**		**438.19**		**516.59**		**14.56**		**4895.01**		**4.55**		**19.30**

NM - Not measured. Yearly Average concentrations were used to calculate monthly pounds when no data was available

Table 16. Bucklin Point Sludge Analysis

Bucklin Point Metals Loading from Final Sludge (lbs/yr)

Year	Arsenic	Beryllium	Cadmium	Copper	Chromium	Lead	Mercury	Molybdeum	Nickel	Selenium	Silver	Zinc	Cyanide
1994	16.2		35.4	3839.7	655.5	723.4	84.2		627.6		171.3	4234.5	64.3
1995			35.8	4306.7	681.0	551.8	55.9		539.8		126.2	3495.8	57.6
1996													
1997	16.0		52.9	4589.3	1177.6	1183.6	16.0		1074.4		339.8	4349.4	58.9
1998	12.2		44.8	4743.4	1263.0	1128.3	12.2		977.8		463.4	5838.9	27.7
1999	11.1		44.4	3906.8	993.6	930.3	11.1		716.9		473.0	5945.8	24.3
2000	38.3		60.8	5164.7	1304.1	1073.2	16.8	171.8	1345.4		467.7	7104.0	24.8
2001	57.8	13.6	38.6	4132.9	1003.3	900.1	12.0	167.4	985.3	44.4	371.2	6336.5	33.6
2002	43.7	6.1	27.1	4565.0	755.0	1034.3	18.0	148.9	840.7	37.6	385.8	7226.0	13.3
2003	30.2	6.6	29.2	3439.4	2669.3	772.3	10.0	69.3	868.1	32.1	273.0	5973.1	8.9
2004	27.6	7.3	45.5	3733.7	851.5	739.0	11.6	62.0	794.7	36.1	225.0	6759.2	7.6
2005	18.8	5.9	30.9	4468.6	969.5	682.1	8.9	77.4	781.5	32.5	153.0	5469.7	10.3
2006	25.5	2.0	24.4	3657.0	2398.8	713.0	6.8	37.1	1089.2	33.9	165.4	4953.9	12.0
2007	11.2	5.2	25.7	4676.1	4143.3	633.5	9.3	70.7	1389.7	14.4	177.5	5635.0	22.8
2008	8.9	14.1	23.3	4209.5	5594.6	585.4	36.0	84.7	1568.6	17.4	116.8	5519.0	27.4
2009	18.1	8.2	20.6	3132.4	1054.3	516.6	4.6	79.6	438.2	14.6	62.5	4895.0	19.3

Table 17: Bucklin Point Sludge Summary

Field's Point Influent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**
1/6/2009	p-m xylene	<10.00	ppb
1/6/2009	12-Dichloroethane-d4	100.2	%
1/6/2009	Bromofluorobenzene	100.4	%
1/6/2009	111-Trichloroethane	<5.00	ppb
1/6/2009	1122Tetrachlorethane	<5.00	ppb
1/6/2009	112-Trichloroethane	<5.00	ppb
1/6/2009	1,1-Dichloroethane	<5.00	ppb
1/6/2009	1,1-Dichloroethene	<5.00	ppb
1/6/2009	1,2-Dichlorobenzene	<5.00	ppb
1/6/2009	1,2-Dichloroethane	<5.00	ppb
1/6/2009	1,2-Dichloropropane	<5.00	ppb
1/6/2009	1,3-Dichlorobenzene	<5.00	ppb
1/6/2009	1,4-Dichlorobenzene	<5.00	ppb
1/6/2009	Benzene	<5.00	ppb
1/6/2009	Bromodichloromethane	<5.00	ppb
1/6/2009	Bromoform	<5.00	ppb
1/6/2009	Bromomethane	<5.00	ppb
1/6/2009	CarbonTetrachloride	<5.00	ppb
1/6/2009	Chlorobenzene	<5.00	ppb
1/6/2009	Chloroethane	<5.00	ppb
1/6/2009	Chloromethane	<5.00	ppb
1/6/2009	cis13Dichloropropene	<5.00	ppb
1/6/2009	Dibromochloromethane	<5.00	ppb
1/6/2009	Ethylbenzene	<5.00	ppb
1/6/2009	Methylene Chloride	<5.00	ppb
1/6/2009	o-xylene	<5.00	ppb
1/6/2009	T-1,2-Dichloroethene	<5.00	ppb
1/6/2009	T-13-Dichloropropene	<5.00	ppb
1/6/2009	Toluene	<5.00	ppb
1/6/2009	Trichlorethene	<5.00	ppb
1/6/2009	Vinyl Chloride	<5.00	ppb
1/6/2009	Chloroform	5.01	ppb
1/6/2009	Tetrachlorethene	6.53	ppb
1/6/2009	Toluene-d8	96.42	%
3/3/2009	p-m xylene	<10.00	ppb
3/3/2009	Bromofluorobenzene	100	%
3/3/2009	Toluene-d8	100.4	%
3/3/2009	12-Dichloroethane-d4	101	%
3/3/2009	111-Trichloroethane	<5.00	ppb
3/3/2009	1122Tetrachlorethane	<5.00	ppb
3/3/2009	112-Trichloroethane	<5.00	ppb
3/3/2009	1,1-Dichloroethane	<5.00	ppb
3/3/2009	1,1-Dichloroethene	<5.00	ppb
3/3/2009	1,2-Dichlorobenzene	<5.00	ppb
3/3/2009	1,2-Dichloroethane	<5.00	ppb
3/3/2009	1,2-Dichloropropane	<5.00	ppb
3/3/2009	1,3-Dichlorobenzene	<5.00	ppb
3/3/2009	1,4-Dichlorobenzene	<5.00	ppb
3/3/2009	Benzene	<5.00	ppb
3/3/2009	Bromodichloromethane	<5.00	ppb
3/3/2009	Bromoform	<5.00	ppb
3/3/2009	Bromomethane	<5.00	ppb
3/3/2009	CarbonTetrachloride	<5.00	ppb
3/3/2009	Chlorobenzene	<5.00	ppb
3/3/2009	Chloroethane	<5.00	ppb
3/3/2009	Chloroform	<5.00	ppb
3/3/2009	Chloromethane	<5.00	ppb
3/3/2009	cis13Dichloropropene	<5.00	ppb
3/3/2009	Dibromochloromethane	<5.00	ppb

Field's Point Effluent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**
1/6/2009	p-m xylene	<10.00	ppb
1/6/2009	Bromofluorobenzene	101.5	%
1/6/2009	Toluene-d8	102.1	%
1/6/2009	111-Trichloroethane	<5.00	ppb
1/6/2009	1122Tetrachlorethane	<5.00	ppb
1/6/2009	112-Trichloroethane	<5.00	ppb
1/6/2009	1,1-Dichloroethane	<5.00	ppb
1/6/2009	1,1-Dichloroethene	<5.00	ppb
1/6/2009	1,2-Dichlorobenzene	<5.00	ppb
1/6/2009	1,2-Dichloroethane	<5.00	ppb
1/6/2009	1,2-Dichloropropane	<5.00	ppb
1/6/2009	1,3-Dichlorobenzene	<5.00	ppb
1/6/2009	1,4-Dichlorobenzene	<5.00	ppb
1/6/2009	Benzene	<5.00	ppb
1/6/2009	Bromodichloromethane	<5.00	ppb
1/6/2009	Bromoform	<5.00	ppb
1/6/2009	Bromomethane	<5.00	ppb
1/6/2009	CarbonTetrachloride	<5.00	ppb
1/6/2009	Chlorobenzene	<5.00	ppb
1/6/2009	Chloroethane	<5.00	ppb
1/6/2009	Chloroform	<5.00	ppb
1/6/2009	Chloromethane	<5.00	ppb
1/6/2009	cis13Dichloropropene	<5.00	ppb
1/6/2009	Dibromochloromethane	<5.00	ppb
1/6/2009	Ethylbenzene	<5.00	ppb
1/6/2009	Methylene Chloride	<5.00	ppb
1/6/2009	o-xylene	<5.00	ppb
1/6/2009	T-1,2-Dichloroethene	<5.00	ppb
1/6/2009	T-13-Dichloropropene	<5.00	ppb
1/6/2009	Tetrachlorethene	<5.00	ppb
1/6/2009	Toluene	<5.00	ppb
1/6/2009	Trichlorethene	<5.00	ppb
1/6/2009	Vinyl Chloride	<5.00	ppb
1/6/2009	12-Dichloroethane-d4	97.52	%
2/3/2009	p-m xylene	<10.00	ppb
2/3/2009	111-Trichloroethane	<5.00	ppb
2/3/2009	1122Tetrachlorethane	<5.00	ppb
2/3/2009	112-Trichloroethane	<5.00	ppb
2/3/2009	1,1-Dichloroethane	<5.00	ppb
2/3/2009	1,1-Dichloroethene	<5.00	ppb
2/3/2009	1,2-Dichlorobenzene	<5.00	ppb
2/3/2009	1,2-Dichloroethane	<5.00	ppb
2/3/2009	1,2-Dichloropropane	<5.00	ppb
2/3/2009	1,3-Dichlorobenzene	<5.00	ppb
2/3/2009	1,4-Dichlorobenzene	<5.00	ppb
2/3/2009	Benzene	<5.00	ppb
2/3/2009	Bromodichloromethane	<5.00	ppb
2/3/2009	Bromoform	<5.00	ppb
2/3/2009	Bromomethane	<5.00	ppb
2/3/2009	CarbonTetrachloride	<5.00	ppb
2/3/2009	Chlorobenzene	<5.00	ppb
2/3/2009	Chloroethane	<5.00	ppb
2/3/2009	Chloroform	<5.00	ppb
2/3/2009	Chloromethane	<5.00	ppb
2/3/2009	cis13Dichloropropene	<5.00	ppb
2/3/2009	Dibromochloromethane	<5.00	ppb
2/3/2009	Ethylbenzene	<5.00	ppb
2/3/2009	Methylene Chloride	<5.00	ppb
2/3/2009	o-xylene	<5.00	ppb

Field's Point Influent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**
3/3/2009	Ethylbenzene	<5.00	ppb
3/3/2009	Methylene Chloride	<5.00	ppb
3/3/2009	o-xylene	<5.00	ppb
3/3/2009	T-1,2-Dichloroethene	<5.00	ppb
3/3/2009	T-13-Dichloropropene	<5.00	ppb
3/3/2009	Tetrachlorethene	<5.00	ppb
3/3/2009	Toluene	<5.00	ppb
3/3/2009	Trichlorethene	<5.00	ppb
3/3/2009	Vinyl Chloride	<5.00	ppb
4/7/2009	p-m xylene	<10.00	ppb
4/7/2009	Toluene-d8	100.5	%
4/7/2009	12-Dichloroethane-d4	101.7	%
4/7/2009	111-Trichloroethane	<5.00	ppb
4/7/2009	1122Tetrachlorethane	<5.00	ppb
4/7/2009	112-Trichloroethane	<5.00	ppb
4/7/2009	1,1-Dichloroethane	<5.00	ppb
4/7/2009	1,1-Dichloroethene	<5.00	ppb
4/7/2009	1,2-Dichlorobenzene	<5.00	ppb
4/7/2009	1,2-Dichloroethane	<5.00	ppb
4/7/2009	1,2-Dichloropropane	<5.00	ppb
4/7/2009	1,3-Dichlorobenzene	<5.00	ppb
4/7/2009	1,4-Dichlorobenzene	<5.00	ppb
4/7/2009	Benzene	<5.00	ppb
4/7/2009	Bromodichloromethane	<5.00	ppb
4/7/2009	Bromoform	<5.00	ppb
4/7/2009	Bromomethane	<5.00	ppb
4/7/2009	CarbonTetrachloride	<5.00	ppb
4/7/2009	Chlorobenzene	<5.00	ppb
4/7/2009	Chloroethane	<5.00	ppb
4/7/2009	Chloroform	<5.00	ppb
4/7/2009	Chloromethane	<5.00	ppb
4/7/2009	cis13Dichloropropene	<5.00	ppb
4/7/2009	Dibromochloromethane	<5.00	ppb
4/7/2009	Ethylbenzene	<5.00	ppb
4/7/2009	Methylene Chloride	<5.00	ppb
4/7/2009	o-xylene	<5.00	ppb
4/7/2009	T-1,2-Dichloroethene	<5.00	ppb
4/7/2009	T-13-Dichloropropene	<5.00	ppb
4/7/2009	Tetrachlorethene	<5.00	ppb
4/7/2009	Toluene	<5.00	ppb
4/7/2009	Trichlorethene	<5.00	ppb
4/7/2009	Vinyl Chloride	<5.00	ppb
4/7/2009	Bromofluorobenzene	98.52	%
5/5/2009	p-m xylene	<10.00	ppb
5/5/2009	Bromofluorobenzene	100.3	%
5/5/2009	12-Dichloroethane-d4	102.3	%
5/5/2009	Toluene-d8	103.4	%
5/5/2009	111-Trichloroethane	<5.00	ppb
5/5/2009	1122Tetrachlorethane	<5.00	ppb
5/5/2009	112-Trichloroethane	<5.00	ppb
5/5/2009	1,1-Dichloroethane	<5.00	ppb
5/5/2009	1,1-Dichloroethene	<5.00	ppb
5/5/2009	1,2-Dichlorobenzene	<5.00	ppb
5/5/2009	1,2-Dichloroethane	<5.00	ppb
5/5/2009	1,2-Dichloropropane	<5.00	ppb
5/5/2009	1,3-Dichlorobenzene	<5.00	ppb
5/5/2009	1,4-Dichlorobenzene	<5.00	ppb
5/5/2009	Benzene	<5.00	ppb
5/5/2009	Bromodichloromethane	<5.00	ppb

Field's Point Effluent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**
2/3/2009	T-1,2-Dichloroethene	<5.00	ppb
2/3/2009	T-13-Dichloropropene	<5.00	ppb
2/3/2009	Tetrachlorethene	<5.00	ppb
2/3/2009	Toluene	<5.00	ppb
2/3/2009	Trichlorethene	<5.00	ppb
2/3/2009	Vinyl Chloride	<5.00	ppb
2/3/2009	12-Dichloroethane-d4	91.8	%
2/3/2009	Bromofluorobenzene	92.06	%
2/3/2009	Toluene-d8	99.12	%
3/3/2009	p-m xylene	<10.00	ppb
3/3/2009	Bromofluorobenzene	100.2	%
3/3/2009	Toluene-d8	100.6	%
3/3/2009	111-Trichloroethane	<5.00	ppb
3/3/2009	1122Tetrachlorethane	<5.00	ppb
3/3/2009	112-Trichloroethane	<5.00	ppb
3/3/2009	1,1-Dichloroethane	<5.00	ppb
3/3/2009	1,1-Dichloroethene	<5.00	ppb
3/3/2009	1,2-Dichlorobenzene	<5.00	ppb
3/3/2009	1,2-Dichloroethane	<5.00	ppb
3/3/2009	1,2-Dichloropropane	<5.00	ppb
3/3/2009	1,3-Dichlorobenzene	<5.00	ppb
3/3/2009	1,4-Dichlorobenzene	<5.00	ppb
3/3/2009	Benzene	<5.00	ppb
3/3/2009	Bromodichloromethane	<5.00	ppb
3/3/2009	Bromoform	<5.00	ppb
3/3/2009	Bromomethane	<5.00	ppb
3/3/2009	CarbonTetrachloride	<5.00	ppb
3/3/2009	Chlorobenzene	<5.00	ppb
3/3/2009	Chloroethane	<5.00	ppb
3/3/2009	Chloroform	<5.00	ppb
3/3/2009	Chloromethane	<5.00	ppb
3/3/2009	cis13Dichloropropene	<5.00	ppb
3/3/2009	Dibromochloromethane	<5.00	ppb
3/3/2009	Ethylbenzene	<5.00	ppb
3/3/2009	Methylene Chloride	<5.00	ppb
3/3/2009	o-xylene	<5.00	ppb
3/3/2009	T-1,2-Dichloroethene	<5.00	ppb
3/3/2009	T-13-Dichloropropene	<5.00	ppb
3/3/2009	Tetrachlorethene	<5.00	ppb
3/3/2009	Toluene	<5.00	ppb
3/3/2009	Trichlorethene	<5.00	ppb
3/3/2009	Vinyl Chloride	<5.00	ppb
3/3/2009	12-Dichloroethane-d4	99.26	%
4/7/2009	p-m xylene	<10.00	ppb
4/7/2009	Bromofluorobenzene	100.9	%
4/7/2009	Toluene-d8	103.2	%
4/7/2009	111-Trichloroethane	<5.00	ppb
4/7/2009	1122Tetrachlorethane	<5.00	ppb
4/7/2009	112-Trichloroethane	<5.00	ppb
4/7/2009	1,1-Dichloroethane	<5.00	ppb
4/7/2009	1,1-Dichloroethene	<5.00	ppb
4/7/2009	1,2-Dichlorobenzene	<5.00	ppb
4/7/2009	1,2-Dichloroethane	<5.00	ppb
4/7/2009	1,2-Dichloropropane	<5.00	ppb
4/7/2009	1,3-Dichlorobenzene	<5.00	ppb
4/7/2009	1,4-Dichlorobenzene	<5.00	ppb
4/7/2009	Benzene	<5.00	ppb
4/7/2009	Bromodichloromethane	<5.00	ppb
4/7/2009	Bromoform	<5.00	ppb

Field's Point Influent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**
5/5/2009	Bromoform	<5.00	ppb
5/5/2009	Bromomethane	<5.00	ppb
5/5/2009	CarbonTetrachloride	<5.00	ppb
5/5/2009	Chlorobenzene	<5.00	ppb
5/5/2009	Chloroethane	<5.00	ppb
5/5/2009	Chloroform	<5.00	ppb
5/5/2009	Chloromethane	<5.00	ppb
5/5/2009	cis13Dichloropropene	<5.00	ppb
5/5/2009	Dibromochloromethane	<5.00	ppb
5/5/2009	Ethylbenzene	<5.00	ppb
5/5/2009	Methylene Chloride	<5.00	ppb
5/5/2009	o-xylene	<5.00	ppb
5/5/2009	T-1,2-Dichloroethene	<5.00	ppb
5/5/2009	T-13-Dichloropropene	<5.00	ppb
5/5/2009	Tetrachlorethene	<5.00	ppb
5/5/2009	Toluene	<5.00	ppb
5/5/2009	Trichlorethene	<5.00	ppb
5/5/2009	Vinyl Chloride	<5.00	ppb
6/2/2009	p-m xylene	<10.00	ppb
6/2/2009	111-Trichloroethane	<5.00	ppb
6/2/2009	1122Tetrachlorethane	<5.00	ppb
6/2/2009	112-Trichloroethane	<5.00	ppb
6/2/2009	1,1-Dichloroethane	<5.00	ppb
6/2/2009	1,1-Dichloroethene	<5.00	ppb
6/2/2009	1,2-Dichlorobenzene	<5.00	ppb
6/2/2009	1,2-Dichloroethane	<5.00	ppb
6/2/2009	1,2-Dichloropropane	<5.00	ppb
6/2/2009	1,3-Dichlorobenzene	<5.00	ppb
6/2/2009	1,4-Dichlorobenzene	<5.00	ppb
6/2/2009	Benzene	<5.00	ppb
6/2/2009	Bromodichloromethane	<5.00	ppb
6/2/2009	Bromoform	<5.00	ppb
6/2/2009	Bromomethane	<5.00	ppb
6/2/2009	CarbonTetrachloride	<5.00	ppb
6/2/2009	Chlorobenzene	<5.00	ppb
6/2/2009	Chloroethane	<5.00	ppb
6/2/2009	Chloromethane	<5.00	ppb
6/2/2009	cis13Dichloropropene	<5.00	ppb
6/2/2009	Dibromochloromethane	<5.00	ppb
6/2/2009	Ethylbenzene	<5.00	ppb
6/2/2009	Methylene Chloride	<5.00	ppb
6/2/2009	o-xylene	<5.00	ppb
6/2/2009	T-1,2-Dichloroethene	<5.00	ppb
6/2/2009	T-13-Dichloropropene	<5.00	ppb
6/2/2009	Toluene	<5.00	ppb
6/2/2009	Trichlorethene	<5.00	ppb
6/2/2009	Vinyl Chloride	<5.00	ppb
6/2/2009	Tetrachlorethene	5.98	ppb
6/2/2009	Chloroform	7.3	ppb
6/2/2009	Bromofluorobenzene	89.2	%
6/2/2009	Toluene-d8	97.2	%
6/2/2009	12-Dichloroethane-d4	98.4	%
7/7/2009	p-m xylene	<10.00	ppb
7/7/2009	12-Dichloroethane-d4	100.9	%
7/7/2009	111-Trichloroethane	<5.00	ppb
7/7/2009	1122Tetrachlorethane	<5.00	ppb
7/7/2009	112-Trichloroethane	<5.00	ppb
7/7/2009	1,1-Dichloroethane	<5.00	ppb
7/7/2009	1,1-Dichloroethene	<5.00	ppb

Field's Point Effluent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**
4/7/2009	Bromomethane	<5.00	ppb
4/7/2009	CarbonTetrachloride	<5.00	ppb
4/7/2009	Chlorobenzene	<5.00	ppb
4/7/2009	Chloroethane	<5.00	ppb
4/7/2009	Chloroform	<5.00	ppb
4/7/2009	Chloromethane	<5.00	ppb
4/7/2009	cis13Dichloropropene	<5.00	ppb
4/7/2009	Dibromochloromethane	<5.00	ppb
4/7/2009	Ethylbenzene	<5.00	ppb
4/7/2009	Methylene Chloride	<5.00	ppb
4/7/2009	o-xylene	<5.00	ppb
4/7/2009	T-1,2-Dichloroethene	<5.00	ppb
4/7/2009	T-13-Dichloropropene	<5.00	ppb
4/7/2009	Tetrachlorethene	<5.00	ppb
4/7/2009	Toluene	<5.00	ppb
4/7/2009	Trichlorethene	<5.00	ppb
4/7/2009	Vinyl Chloride	<5.00	ppb
4/7/2009	12-Dichloroethane-d4	97.38	%
5/5/2009	p-m xylene	<10.00	ppb
5/5/2009	Bromofluorobenzene	102.5	%
5/5/2009	12-Dichloroethane-d4	103.4	%
5/5/2009	Toluene-d8	105.6	%
5/5/2009	111-Trichloroethane	<5.00	ppb
5/5/2009	1122Tetrachlorethane	<5.00	ppb
5/5/2009	112-Trichloroethane	<5.00	ppb
5/5/2009	1,1-Dichloroethane	<5.00	ppb
5/5/2009	1,1-Dichloroethene	<5.00	ppb
5/5/2009	1,2-Dichlorobenzene	<5.00	ppb
5/5/2009	1,2-Dichloroethane	<5.00	ppb
5/5/2009	1,2-Dichloropropane	<5.00	ppb
5/5/2009	1,3-Dichlorobenzene	<5.00	ppb
5/5/2009	1,4-Dichlorobenzene	<5.00	ppb
5/5/2009	Benzene	<5.00	ppb
5/5/2009	Bromodichloromethane	<5.00	ppb
5/5/2009	Bromoform	<5.00	ppb
5/5/2009	Bromomethane	<5.00	ppb
5/5/2009	CarbonTetrachloride	<5.00	ppb
5/5/2009	Chlorobenzene	<5.00	ppb
5/5/2009	Chloroethane	<5.00	ppb
5/5/2009	Chloroform	<5.00	ppb
5/5/2009	Chloromethane	<5.00	ppb
5/5/2009	cis13Dichloropropene	<5.00	ppb
5/5/2009	Dibromochloromethane	<5.00	ppb
5/5/2009	Ethylbenzene	<5.00	ppb
5/5/2009	Methylene Chloride	<5.00	ppb
5/5/2009	o-xylene	<5.00	ppb
5/5/2009	T-1,2-Dichloroethene	<5.00	ppb
5/5/2009	T-13-Dichloropropene	<5.00	ppb
5/5/2009	Tetrachlorethene	<5.00	ppb
5/5/2009	Toluene	<5.00	ppb
5/5/2009	Trichlorethene	<5.00	ppb
5/5/2009	Vinyl Chloride	<5.00	ppb
6/2/2009	p-m xylene	<10.00	ppb
6/2/2009	111-Trichloroethane	<5.00	ppb
6/2/2009	1122Tetrachlorethane	<5.00	ppb
6/2/2009	112-Trichloroethane	<5.00	ppb
6/2/2009	1,1-Dichloroethane	<5.00	ppb
6/2/2009	1,1-Dichloroethene	<5.00	ppb
6/2/2009	1,2-Dichlorobenzene	<5.00	ppb

Field's Point Influent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**
7/7/2009	1,2-Dichlorobenzene	<5.00	ppb
7/7/2009	1,2-Dichloroethane	<5.00	ppb
7/7/2009	1,2-Dichloropropane	<5.00	ppb
7/7/2009	1,3-Dichlorobenzene	<5.00	ppb
7/7/2009	1,4-Dichlorobenzene	<5.00	ppb
7/7/2009	Benzene	<5.00	ppb
7/7/2009	Bromodichloromethane	<5.00	ppb
7/7/2009	Bromoform	<5.00	ppb
7/7/2009	Bromomethane	<5.00	ppb
7/7/2009	CarbonTetrachloride	<5.00	ppb
7/7/2009	Chlorobenzene	<5.00	ppb
7/7/2009	Chloroethane	<5.00	ppb
7/7/2009	Chloroform	<5.00	ppb
7/7/2009	Chloromethane	<5.00	ppb
7/7/2009	cis13Dichloropropene	<5.00	ppb
7/7/2009	Dibromochloromethane	<5.00	ppb
7/7/2009	Ethylbenzene	<5.00	ppb
7/7/2009	Methylene Chloride	<5.00	ppb
7/7/2009	o-xylene	<5.00	ppb
7/7/2009	T-1,2-Dichloroethene	<5.00	ppb
7/7/2009	T-13-Dichloropropene	<5.00	ppb
7/7/2009	Tetrachlorethene	<5.00	ppb
7/7/2009	Toluene	<5.00	ppb
7/7/2009	Trichlorethene	<5.00	ppb
7/7/2009	Vinyl Chloride	<5.00	ppb
7/7/2009	Toluene-d8	97.8	%
7/7/2009	Bromofluorobenzene	99.52	%
11/3/2009	111-Trichloroethane	<1.0	ppb
11/3/2009	1122Tetrachlorethane	<1.0	ppb
11/3/2009	112-Trichloroethane	<1.0	ppb
11/3/2009	1,1-Dichloroethane	<1.0	ppb
11/3/2009	1,1-Dichloroethene	<1.0	ppb
11/3/2009	1,2-Dichlorobenzene	<1.0	ppb
11/3/2009	1,2-Dichloroethane	<1.0	ppb
11/3/2009	1,2-Dichloropropane	<1.0	ppb
11/3/2009	1,3-Dichlorobenzene	<1.0	ppb
11/3/2009	1,4-Dichlorobenzene	<1.0	ppb
11/3/2009	Benzene	<1.0	ppb
11/3/2009	Bromodichloromethane	<1.0	ppb
11/3/2009	Bromomethane	<1.0	ppb
11/3/2009	CarbonTetrachloride	<1.0	ppb
11/3/2009	Chlorobenzene	<1.0	ppb
11/3/2009	Chloroethane	<1.0	ppb
11/3/2009	Chloromethane	<1.0	ppb
11/3/2009	cis13Dichloropropene	<1.0	ppb
11/3/2009	Dibromochloromethane	<1.0	ppb
11/3/2009	Ethylbenzene	<1.0	ppb
11/3/2009	Methylene Chloride	<1.0	ppb
11/3/2009	o-xylene	<1.0	ppb
11/3/2009	T-1,2-Dichloroethene	<1.0	ppb
11/3/2009	T-13-Dichloropropene	<1.0	ppb
11/3/2009	Vinyl Chloride	<1.0	ppb
11/3/2009	Bromofluorobenzene	106	%
11/3/2009	12-Dichloroethane-d4	108.1	%
11/3/2009	Toluene-d8	109.2	%
11/3/2009	Toluene	1.13	ppb
11/3/2009	Trichlorethene	1.96	ppb
11/3/2009	p-m xylene	<2.0	ppb
11/3/2009	Tetrachlorethene	2.26	ppb

Field's Point Effluent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**
6/2/2009	1,2-Dichloroethane	<5.00	ppb
6/2/2009	1,2-Dichloropropane	<5.00	ppb
6/2/2009	1,3-Dichlorobenzene	<5.00	ppb
6/2/2009	1,4-Dichlorobenzene	<5.00	ppb
6/2/2009	Benzene	<5.00	ppb
6/2/2009	Bromodichloromethane	<5.00	ppb
6/2/2009	Bromoform	<5.00	ppb
6/2/2009	Bromomethane	<5.00	ppb
6/2/2009	CarbonTetrachloride	<5.00	ppb
6/2/2009	Chlorobenzene	<5.00	ppb
6/2/2009	Chloroethane	<5.00	ppb
6/2/2009	Chloroform	<5.00	ppb
6/2/2009	Chloromethane	<5.00	ppb
6/2/2009	cis13Dichloropropene	<5.00	ppb
6/2/2009	Dibromochloromethane	<5.00	ppb
6/2/2009	Ethylbenzene	<5.00	ppb
6/2/2009	Methylene Chloride	<5.00	ppb
6/2/2009	o-xylene	<5.00	ppb
6/2/2009	T-1,2-Dichloroethene	<5.00	ppb
6/2/2009	T-13-Dichloropropene	<5.00	ppb
6/2/2009	Tetrachlorethene	<5.00	ppb
6/2/2009	Toluene	<5.00	ppb
6/2/2009	Trichlorethene	<5.00	ppb
6/2/2009	Vinyl Chloride	<5.00	ppb
6/2/2009	Bromofluorobenzene	95.6	%
6/2/2009	12-Dichloroethane-d4	97.3	%
6/2/2009	Toluene-d8	97.6	%
7/7/2009	p-m xylene	<10.00	ppb
7/7/2009	111-Trichloroethane	<5.00	ppb
7/7/2009	1122Tetrachlorethane	<5.00	ppb
7/7/2009	112-Trichloroethane	<5.00	ppb
7/7/2009	1,1-Dichloroethane	<5.00	ppb
7/7/2009	1,1-Dichloroethene	<5.00	ppb
7/7/2009	1,2-Dichlorobenzene	<5.00	ppb
7/7/2009	1,2-Dichloroethane	<5.00	ppb
7/7/2009	1,2-Dichloropropane	<5.00	ppb
7/7/2009	1,3-Dichlorobenzene	<5.00	ppb
7/7/2009	1,4-Dichlorobenzene	<5.00	ppb
7/7/2009	Benzene	<5.00	ppb
7/7/2009	Bromodichloromethane	<5.00	ppb
7/7/2009	Bromoform	<5.00	ppb
7/7/2009	Bromomethane	<5.00	ppb
7/7/2009	CarbonTetrachloride	<5.00	ppb
7/7/2009	Chlorobenzene	<5.00	ppb
7/7/2009	Chloroethane	<5.00	ppb
7/7/2009	Chloromethane	<5.00	ppb
7/7/2009	cis13Dichloropropene	<5.00	ppb
7/7/2009	Dibromochloromethane	<5.00	ppb
7/7/2009	Ethylbenzene	<5.00	ppb
7/7/2009	Methylene Chloride	<5.00	ppb
7/7/2009	o-xylene	<5.00	ppb
7/7/2009	T-1,2-Dichloroethene	<5.00	ppb
7/7/2009	T-13-Dichloropropene	<5.00	ppb
7/7/2009	Tetrachlorethene	<5.00	ppb
7/7/2009	Toluene	<5.00	ppb
7/7/2009	Trichlorethene	<5.00	ppb
7/7/2009	Vinyl Chloride	<5.00	ppb
7/7/2009	Chloroform	6.26	ppb
7/7/2009	Bromofluorobenzene	93.94	%

Field's Point Influent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**
11/3/2009	Chloroform	4.28	ppb
11/3/2009	Bromoform	<5.0	ppb
12/8/2009	111-Trichloroethane	<1.0	ppb
12/8/2009	1122Tetrachlorethane	<1.0	ppb
12/8/2009	112-Trichloroethane	<1.0	ppb
12/8/2009	1,1-Dichloroethane	<1.0	ppb
12/8/2009	1,1-Dichloroethene	<1.0	ppb
12/8/2009	1,2-Dichlorobenzene	<1.0	ppb
12/8/2009	1,2-Dichloroethane	<1.0	ppb
12/8/2009	1,2-Dichloropropane	<1.0	ppb
12/8/2009	1,3-Dichlorobenzene	<1.0	ppb
12/8/2009	1,4-Dichlorobenzene	<1.0	ppb
12/8/2009	Benzene	<1.0	ppb
12/8/2009	Bromodichloromethane	<1.0	ppb
12/8/2009	Bromomethane	<1.0	ppb
12/8/2009	CarbonTetrachloride	<1.0	ppb
12/8/2009	Chlorobenzene	<1.0	ppb
12/8/2009	Chloroethane	<1.0	ppb
12/8/2009	Chloromethane	<1.0	ppb
12/8/2009	cis13Dichloropropene	<1.0	ppb
12/8/2009	Dibromochloromethane	<1.0	ppb
12/8/2009	Ethylbenzene	<1.0	ppb
12/8/2009	Methylene Chloride	<1.0	ppb
12/8/2009	o-xylene	<1.0	ppb
12/8/2009	T-1,2-Dichloroethene	<1.0	ppb
12/8/2009	T-13-Dichloropropene	<1.0	ppb
12/8/2009	Vinyl Chloride	<1.0	ppb
12/8/2009	Trichlorethene	1.01	ppb
12/8/2009	Toluene	1.71	ppb
12/8/2009	Tetrachlorethene	1.92	ppb
12/8/2009	p-m xylene	<2.0	ppb
12/8/2009	Chloroform	4.1	ppb
12/8/2009	Bromoform	<5.0	ppb
12/8/2009	Bromofluorobenzene	93.14	%
12/8/2009	12-Dichloroethane-d4	95.94	%
12/8/2009	Toluene-d8	97.06	%

Field's Point Effluent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**
7/7/2009	Toluene-d8	96.96	%
7/7/2009	12-Dichloroethane-d4	99.96	%
10/28/2009	111-Trichloroethane	<1.0	ppb
10/28/2009	1122Tetrachlorethane	<1.0	ppb
10/28/2009	112-Trichloroethane	<1.0	ppb
10/28/2009	1,1-Dichloroethane	<1.0	ppb
10/28/2009	1,1-Dichloroethene	<1.0	ppb
10/28/2009	1,2-Dichlorobenzene	<1.0	ppb
10/28/2009	1,2-Dichloroethane	<1.0	ppb
10/28/2009	1,2-Dichloropropane	<1.0	ppb
10/28/2009	1,3-Dichlorobenzene	<1.0	ppb
10/28/2009	1,4-Dichlorobenzene	<1.0	ppb
10/28/2009	Benzene	<1.0	ppb
10/28/2009	Bromomethane	<1.0	ppb
10/28/2009	CarbonTetrachloride	<1.0	ppb
10/28/2009	Chlorobenzene	<1.0	ppb
10/28/2009	Chloroethane	<1.0	ppb
10/28/2009	Chloroform	<1.0	ppb
10/28/2009	Chloromethane	<1.0	ppb
10/28/2009	cis13Dichloropropene	<1.0	ppb
10/28/2009	Ethylbenzene	<1.0	ppb
10/28/2009	Methylene Chloride	<1.0	ppb
10/28/2009	o-xylene	<1.0	ppb
10/28/2009	T-1,2-Dichloroethene	<1.0	ppb
10/28/2009	T-13-Dichloropropene	<1.0	ppb
10/28/2009	Tetrachlorethene	<1.0	ppb
10/28/2009	Toluene	<1.0	ppb
10/28/2009	Trichlorethene	<1.0	ppb
10/28/2009	Vinyl Chloride	<1.0	ppb
10/28/2009	Bromodichloromethane	1.02	ppb
10/28/2009	Dibromochloromethane	1.03	ppb
10/28/2009	12-Dichloroethane-d4	103	%
10/28/2009	Bromofluorobenzene	109	%
10/28/2009	Toluene-d8	111	%
10/28/2009	p-m xylene	<2.0	ppb
10/28/2009	Bromoform	<5.0	ppb
10/28/2009	111-Trichloroethane	<1.0	ppb
10/28/2009	1122Tetrachlorethane	<1.0	ppb
10/28/2009	112-Trichloroethane	<1.0	ppb
10/28/2009	1,1-Dichloroethane	<1.0	ppb
10/28/2009	1,1-Dichloroethene	<1.0	ppb
10/28/2009	1,2-Dichlorobenzene	<1.0	ppb
10/28/2009	1,2-Dichloroethane	<1.0	ppb
10/28/2009	1,2-Dichloropropane	<1.0	ppb
10/28/2009	1,3-Dichlorobenzene	<1.0	ppb
10/28/2009	1,4-Dichlorobenzene	<1.0	ppb
10/28/2009	Benzene	<1.0	ppb
10/28/2009	Bromodichloromethane	<1.0	ppb
10/28/2009	Bromomethane	<1.0	ppb
10/28/2009	CarbonTetrachloride	<1.0	ppb
10/28/2009	Chlorobenzene	<1.0	ppb
10/28/2009	Chloroethane	<1.0	ppb
10/28/2009	Chloroform	<1.0	ppb
10/28/2009	Chloromethane	<1.0	ppb
10/28/2009	cis13Dichloropropene	<1.0	ppb
10/28/2009	Dibromochloromethane	<1.0	ppb
10/28/2009	Ethylbenzene	<1.0	ppb
10/28/2009	Methylene Chloride	<1.0	ppb
10/28/2009	o-xylene	<1.0	ppb

Field's Point Influent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**

Field's Point Effluent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**
10/28/2009	T-1,2-Dichloroethene	<1.0	ppb
10/28/2009	T-13-Dichloropropene	<1.0	ppb
10/28/2009	Tetrachlorethene	<1.0	ppb
10/28/2009	Toluene	<1.0	ppb
10/28/2009	Trichlorethene	<1.0	ppb
10/28/2009	Vinyl Chloride	<1.0	ppb
10/28/2009	12-Dichloroethane-d4	108	%
10/28/2009	Bromofluorobenzene	112	%
10/28/2009	Toluene-d8	114	%
10/28/2009	p-m xylene	<2.0	ppb
10/28/2009	Bromoform	<5.0	ppb
11/3/2009	111-Trichloroethane	<1.0	ppb
11/3/2009	1122Tetrachlorethane	<1.0	ppb
11/3/2009	112-Trichloroethane	<1.0	ppb
11/3/2009	1,1-Dichloroethane	<1.0	ppb
11/3/2009	1,1-Dichloroethene	<1.0	ppb
11/3/2009	1,2-Dichlorobenzene	<1.0	ppb
11/3/2009	1,2-Dichloroethane	<1.0	ppb
11/3/2009	1,2-Dichloropropane	<1.0	ppb
11/3/2009	1,3-Dichlorobenzene	<1.0	ppb
11/3/2009	1,4-Dichlorobenzene	<1.0	ppb
11/3/2009	Benzene	<1.0	ppb
11/3/2009	Bromodichloromethane	<1.0	ppb
11/3/2009	CarbonTetrachloride	<1.0	ppb
11/3/2009	Chlorobenzene	<1.0	ppb
11/3/2009	Chloroethane	<1.0	ppb
11/3/2009	Chloroform	<1.0	ppb
11/3/2009	Chloromethane	<1.0	ppb
11/3/2009	cis13Dichloropropene	<1.0	ppb
11/3/2009	Dibromochloromethane	<1.0	ppb
11/3/2009	Ethylbenzene	<1.0	ppb
11/3/2009	Methylene Chloride	<1.0	ppb
11/3/2009	o-xylene	<1.0	ppb
11/3/2009	T-1,2-Dichloroethene	<1.0	ppb
11/3/2009	T-13-Dichloropropene	<1.0	ppb
11/3/2009	Tetrachlorethene	<1.0	ppb
11/3/2009	Toluene	<1.0	ppb
11/3/2009	Trichlorethene	<1.0	ppb
11/3/2009	Vinyl Chloride	<1.0	ppb
11/3/2009	12-Dichloroethane-d4	108.3	%
11/3/2009	Bromofluorobenzene	110.3	%
11/3/2009	Toluene-d8	112.5	%
11/3/2009	p-m xylene	<2.0	ppb
11/3/2009	Bromomethane	3.65	ppb
11/3/2009	Bromoform	<5.0	ppb
12/8/2009	111-Trichloroethane	<1.0	ppb
12/8/2009	1122Tetrachlorethane	<1.0	ppb
12/8/2009	112-Trichloroethane	<1.0	ppb
12/8/2009	1,1-Dichloroethane	<1.0	ppb
12/8/2009	1,1-Dichloroethene	<1.0	ppb
12/8/2009	1,2-Dichlorobenzene	<1.0	ppb
12/8/2009	1,2-Dichloroethane	<1.0	ppb
12/8/2009	1,2-Dichloropropane	<1.0	ppb
12/8/2009	1,3-Dichlorobenzene	<1.0	ppb
12/8/2009	1,4-Dichlorobenzene	<1.0	ppb
12/8/2009	Benzene	<1.0	ppb
12/8/2009	Bromodichloromethane	<1.0	ppb
12/8/2009	CarbonTetrachloride	<1.0	ppb
12/8/2009	Chlorobenzene	<1.0	ppb

Field's Point Influent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**

Field's Point Effluent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**
12/8/2009	Chloroethane	<1.0	ppb
12/8/2009	cis13Dichloropropene	<1.0	ppb
12/8/2009	Dibromochloromethane	<1.0	ppb
12/8/2009	Ethylbenzene	<1.0	ppb
12/8/2009	Methylene Chloride	<1.0	ppb
12/8/2009	o-xylene	<1.0	ppb
12/8/2009	T-1,2-Dichloroethene	<1.0	ppb
12/8/2009	T-13-Dichloropropene	<1.0	ppb
12/8/2009	Tetrachlorethene	<1.0	ppb
12/8/2009	Toluene	<1.0	ppb
12/8/2009	Trichlorethene	<1.0	ppb
12/8/2009	Vinyl Chloride	<1.0	ppb
12/8/2009	Chloromethane	1.11	ppb
12/8/2009	Chloroform	1.71	ppb
12/8/2009	p-m xylene	<2.0	ppb
12/8/2009	Bromomethane	2.01	ppb
12/8/2009	Bromoform	<5.0	ppb
12/8/2009	Bromofluorobenzene	96.38	%
12/8/2009	12-Dichloroethane-d4	97.14	%
12/8/2009	Toluene-d8	98.38	%
4/8/2008	1,2-Dichloroethane	<5.00	ppb
4/8/2008	1,2-Dichloropropane	<5.00	ppb
4/8/2008	1,3-Dichlorobenzene	<5.00	ppb
4/8/2008	1,4-Dichlorobenzene	<5.00	ppb
4/8/2008	Benzene	<5.00	ppb
4/8/2008	Bromodichloromethane	<5.00	ppb
4/8/2008	Bromoform	<5.00	ppb
4/8/2008	Bromomethane	<5.00	ppb
4/8/2008	CarbonTetrachloride	<5.00	ppb
4/8/2008	Chlorobenzene	<5.00	ppb
4/8/2008	Chloroethane	<5.00	ppb
4/8/2008	Chloroform	<5.00	ppb
4/8/2008	Chloromethane	<5.00	ppb
4/8/2008	cis13Dichloropropene	<5.00	ppb
4/8/2008	Dibromochloromethane	<5.00	ppb
4/8/2008	Ethylbenzene	<5.00	ppb
4/8/2008	Methylene Chloride	<5.00	ppb
4/8/2008	o-xylene	<5.00	ppb
4/8/2008	T-1,2-Dichloroethene	<5.00	ppb
4/8/2008	T-13-Dichloropropene	<5.00	ppb
4/8/2008	Tetrachlorethene	<5.00	ppb
4/8/2008	Toluene	<5.00	ppb
4/8/2008	Trichlorethene	<5.00	ppb
4/8/2008	Vinyl Chloride	<5.00	ppb
4/8/2008	111-Trichloroethane	<5.00	ppb
4/8/2008	112-Trichloroethane	<5.00	ppb
4/8/2008	1,1-Dichloroethane	<5.00	ppb
4/8/2008	1,2-Dichlorobenzene	<5.00	ppb
4/8/2008	1,2-Dichloroethane	<5.00	ppb
4/8/2008	1,2-Dichloropropane	<5.00	ppb
4/8/2008	1,3-Dichlorobenzene	<5.00	ppb
4/8/2008	1,4-Dichlorobenzene	<5.00	ppb
4/8/2008	Benzene	<5.00	ppb
4/8/2008	Bromodichloromethane	<5.00	ppb
4/8/2008	Bromoform	<5.00	ppb
4/8/2008	Bromomethane	<5.00	ppb
4/8/2008	CarbonTetrachloride	<5.00	ppb
4/8/2008	Chlorobenzene	<5.00	ppb
4/8/2008	Chloroethane	<5.00	ppb

Field's Point Influent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**

Field's Point Effluent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**
4/8/2008	Chloroform	<5.00	ppb
4/8/2008	Chloromethane	<5.00	ppb
4/8/2008	Dibromochloromethane	<5.00	ppb
4/8/2008	Ethylbenzene	<5.00	ppb
4/8/2008	Methylene Chloride	<5.00	ppb
4/8/2008	Toluene	<5.00	ppb
4/8/2008	Vinyl Chloride	<5.00	ppb
5/13/2008	Bromofluorobenzene	100.90	%
5/13/2008	Bromofluorobenzene	100.90	%
5/13/2008	Toluene-d8	101.70	%
5/13/2008	Toluene-d8	101.70	%
5/13/2008	Toluene-d8	101.70	%
5/13/2008	Toluene-d8	101.70	%
5/13/2008	Toluene-d8	101.70	%
5/13/2008	Toluene-d8	101.70	%
5/13/2008	12-Dichloroethane-d4	102.82	%
5/13/2008	12-Dichloroethane-d4	102.82	%
5/13/2008	12-Dichloroethane-d4	102.82	%
5/13/2008	p-m xylene	<10.00	ppb
5/13/2008	p-m xylene	<10.00	ppb
5/13/2008	1,2-Dichlorobenzene	<5.00	ppb
5/13/2008	1,3-Dichlorobenzene	<5.00	ppb
5/13/2008	1,4-Dichlorobenzene	<5.00	ppb
5/13/2008	1,2-Dichloroethane	<5.00	ppb
5/13/2008	1,4-Dichlorobenzene	<5.00	ppb
5/13/2008	Benzene	<5.00	ppb
5/13/2008	CarbonTetrachloride	<5.00	ppb
5/13/2008	Chlorobenzene	<5.00	ppb
5/13/2008	Chloroform	<5.00	ppb
5/13/2008	Vinyl Chloride	<5.00	ppb
5/13/2008	111-Trichloroethane	<5.00	ppb
5/13/2008	1122Tetrachlorethane	<5.00	ppb
5/13/2008	112-Trichloroethane	<5.00	ppb
5/13/2008	1,1-Dichloroethane	<5.00	ppb
5/13/2008	1,1-Dichloroethene	<5.00	ppb
5/13/2008	1,2-Dichlorobenzene	<5.00	ppb
5/13/2008	1,2-Dichloroethane	<5.00	ppb
5/13/2008	1,2-Dichloropropane	<5.00	ppb
5/13/2008	1,3-Dichlorobenzene	<5.00	ppb
5/13/2008	1,4-Dichlorobenzene	<5.00	ppb
5/13/2008	Benzene	<5.00	ppb
5/13/2008	Bromodichloromethane	<5.00	ppb
5/13/2008	Bromoform	<5.00	ppb
5/13/2008	Bromomethane	<5.00	ppb
5/13/2008	CarbonTetrachloride	<5.00	ppb
5/13/2008	Chlorobenzene	<5.00	ppb
5/13/2008	Chloroethane	<5.00	ppb
5/13/2008	Chloroform	<5.00	ppb
5/13/2008	Chloromethane	<5.00	ppb
5/13/2008	cis13Dichloropropene	<5.00	ppb
5/13/2008	Dibromochloromethane	<5.00	ppb
5/13/2008	Ethylbenzene	<5.00	ppb
5/13/2008	Methylene Chloride	<5.00	ppb
5/13/2008	o-xylene	<5.00	ppb
5/13/2008	T-1,2-Dichloroethene	<5.00	ppb
5/13/2008	T-13-Dichloropropene	<5.00	ppb
5/13/2008	Tetrachlorethene	<5.00	ppb
5/13/2008	Toluene	<5.00	ppb
5/13/2008	Trichlorethene	<5.00	ppb

Field's Point Influent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**

Field's Point Effluent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**
5/13/2008	Vinyl Chloride	<5.00	ppb
5/13/2008	111-Trichloroethane	<5.00	ppb
5/13/2008	1122Tetrachlorethane	<5.00	ppb
5/13/2008	112-Trichloroethane	<5.00	ppb
5/13/2008	1,1-Dichloroethane	<5.00	ppb
5/13/2008	1,1-Dichloroethene	<5.00	ppb
5/13/2008	1,2-Dichlorobenzene	<5.00	ppb
5/13/2008	1,2-Dichloroethane	<5.00	ppb
5/13/2008	1,2-Dichloropropane	<5.00	ppb
5/13/2008	1,3-Dichlorobenzene	<5.00	ppb
5/13/2008	1,4-Dichlorobenzene	<5.00	ppb
5/13/2008	Benzene	<5.00	ppb
5/13/2008	Bromodichloromethane	<5.00	ppb
5/13/2008	Bromoform	<5.00	ppb
5/13/2008	Bromomethane	<5.00	ppb
5/13/2008	CarbonTetrachloride	<5.00	ppb
5/13/2008	Chlorobenzene	<5.00	ppb
5/13/2008	Chloroethane	<5.00	ppb
5/13/2008	Chloroform	<5.00	ppb
5/13/2008	Chloromethane	<5.00	ppb
5/13/2008	cis13Dichloropropene	<5.00	ppb
5/13/2008	Dibromochloromethane	<5.00	ppb
5/13/2008	Ethylbenzene	<5.00	ppb
5/13/2008	Methylene Chloride	<5.00	ppb
5/13/2008	o-xylene	<5.00	ppb
5/13/2008	T-1,2-Dichloroethene	<5.00	ppb
5/13/2008	T-13-Dichloropropene	<5.00	ppb
5/13/2008	Tetrachlorethene	<5.00	ppb
5/13/2008	Toluene	<5.00	ppb
5/13/2008	Trichlorethene	<5.00	ppb
5/13/2008	Vinyl Chloride	<5.00	ppb
5/13/2008	111-Trichloroethane	<5.00	ppb
5/13/2008	112-Trichloroethane	<5.00	ppb
5/13/2008	1,1-Dichloroethane	<5.00	ppb
5/13/2008	1,2-Dichlorobenzene	<5.00	ppb
5/13/2008	1,2-Dichloroethane	<5.00	ppb
5/13/2008	1,2-Dichloropropane	<5.00	ppb
5/13/2008	1,3-Dichlorobenzene	<5.00	ppb
5/13/2008	1,4-Dichlorobenzene	<5.00	ppb
5/13/2008	Benzene	<5.00	ppb
5/13/2008	Bromodichloromethane	<5.00	ppb
5/13/2008	Bromoform	<5.00	ppb
5/13/2008	Bromomethane	<5.00	ppb
5/13/2008	CarbonTetrachloride	<5.00	ppb
5/13/2008	Chlorobenzene	<5.00	ppb
5/13/2008	Chloroethane	<5.00	ppb
5/13/2008	Chloroform	<5.00	ppb
5/13/2008	Chloromethane	<5.00	ppb
5/13/2008	Dibromochloromethane	<5.00	ppb
5/13/2008	Ethylbenzene	<5.00	ppb
5/13/2008	Methylene Chloride	<5.00	ppb
5/13/2008	Toluene	<5.00	ppb
5/13/2008	Vinyl Chloride	<5.00	ppb
6/3/2008	Bromofluorobenzene	96.24	%
6/3/2008	Bromofluorobenzene	96.24	%
6/3/2008	12-Dichloroethane-d4	98.26	%
6/3/2008	12-Dichloroethane-d4	98.26	%
6/3/2008	12-Dichloroethane-d4	98.26	%
6/3/2008	Toluene-d8	98.54	%

Field's Point Influent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**

Field's Point Effluent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**
6/3/2008	Toluene-d8	98.54	%
6/3/2008	Toluene-d8	98.54	%
6/3/2008	Toluene-d8	98.54	%
6/3/2008	Toluene-d8	98.54	%
6/3/2008	Toluene-d8	98.54	%
6/3/2008	p-m xylene	<10.00	ppb
6/3/2008	p-m xylene	<10.00	ppb
6/3/2008	1,2-Dichlorobenzene	<5.00	ppb
6/3/2008	1,3-Dichlorobenzene	<5.00	ppb
6/3/2008	1,4-Dichlorobenzene	<5.00	ppb
6/3/2008	1,2-Dichloroethane	<5.00	ppb
6/3/2008	1,4-Dichlorobenzene	<5.00	ppb
6/3/2008	Benzene	<5.00	ppb
6/3/2008	CarbonTetrachloride	<5.00	ppb
6/3/2008	Chlorobenzene	<5.00	ppb
6/3/2008	Chloroform	<5.00	ppb
6/3/2008	Vinyl Chloride	<5.00	ppb
6/3/2008	111-Trichloroethane	<5.00	ppb
6/3/2008	1122Tetrachlorethane	<5.00	ppb
6/3/2008	112-Trichloroethane	<5.00	ppb
6/3/2008	1,1-Dichloroethane	<5.00	ppb
6/3/2008	1,1-Dichloroethene	<5.00	ppb
6/3/2008	1,2-Dichlorobenzene	<5.00	ppb
6/3/2008	1,2-Dichloroethane	<5.00	ppb
6/3/2008	1,2-Dichloropropane	<5.00	ppb
6/3/2008	1,3-Dichlorobenzene	<5.00	ppb
6/3/2008	1,4-Dichlorobenzene	<5.00	ppb
6/3/2008	Benzene	<5.00	ppb
6/3/2008	Bromodichloromethane	<5.00	ppb
6/3/2008	Bromoform	<5.00	ppb
6/3/2008	Bromomethane	<5.00	ppb
6/3/2008	CarbonTetrachloride	<5.00	ppb
6/3/2008	Chlorobenzene	<5.00	ppb
6/3/2008	Chloroethane	<5.00	ppb
6/3/2008	Chloroform	<5.00	ppb
6/3/2008	Chloromethane	<5.00	ppb
6/3/2008	cis13Dichloropropene	<5.00	ppb
6/3/2008	Dibromochloromethane	<5.00	ppb
6/3/2008	Ethylbenzene	<5.00	ppb
6/3/2008	Methylene Chloride	<5.00	ppb
6/3/2008	o-xylene	<5.00	ppb
6/3/2008	T-1,2-Dichloroethene	<5.00	ppb
6/3/2008	T-13-Dichloropropene	<5.00	ppb
6/3/2008	Tetrachlorethene	<5.00	ppb
6/3/2008	Toluene	<5.00	ppb
6/3/2008	Trichlorethene	<5.00	ppb
6/3/2008	Vinyl Chloride	<5.00	ppb
6/3/2008	111-Trichloroethane	<5.00	ppb
6/3/2008	1122Tetrachlorethane	<5.00	ppb
6/3/2008	112-Trichloroethane	<5.00	ppb
6/3/2008	1,1-Dichloroethane	<5.00	ppb
6/3/2008	1,1-Dichloroethene	<5.00	ppb
6/3/2008	1,2-Dichlorobenzene	<5.00	ppb
6/3/2008	1,2-Dichloroethane	<5.00	ppb
6/3/2008	1,2-Dichloropropane	<5.00	ppb
6/3/2008	1,3-Dichlorobenzene	<5.00	ppb
6/3/2008	1,4-Dichlorobenzene	<5.00	ppb
6/3/2008	Benzene	<5.00	ppb
6/3/2008	Bromodichloromethane	<5.00	ppb

Field's Point Influent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**

Field's Point Effluent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**
6/3/2008	Bromoform	<5.00	ppb
6/3/2008	Bromomethane	<5.00	ppb
6/3/2008	CarbonTetrachloride	<5.00	ppb
6/3/2008	Chlorobenzene	<5.00	ppb
6/3/2008	Chloroethane	<5.00	ppb
6/3/2008	Chloroform	<5.00	ppb
6/3/2008	Chloromethane	<5.00	ppb
6/3/2008	cis13Dichloropropene	<5.00	ppb
6/3/2008	Dibromochloromethane	<5.00	ppb
6/3/2008	Ethylbenzene	<5.00	ppb
6/3/2008	Methylene Chloride	<5.00	ppb
6/3/2008	o-xylene	<5.00	ppb
6/3/2008	T-1,2-Dichloroethene	<5.00	ppb
6/3/2008	T-13-Dichloropropene	<5.00	ppb
6/3/2008	Tetrachlorethene	<5.00	ppb
6/3/2008	Toluene	<5.00	ppb
6/3/2008	Trichlorethene	<5.00	ppb
6/3/2008	Vinyl Chloride	<5.00	ppb
6/3/2008	111-Trichloroethane	<5.00	ppb
6/3/2008	112-Trichloroethane	<5.00	ppb
6/3/2008	1,1-Dichloroethane	<5.00	ppb
6/3/2008	1,2-Dichlorobenzene	<5.00	ppb
6/3/2008	1,2-Dichloroethane	<5.00	ppb
6/3/2008	1,2-Dichloropropane	<5.00	ppb
6/3/2008	1,3-Dichlorobenzene	<5.00	ppb
6/3/2008	1,4-Dichlorobenzene	<5.00	ppb
6/3/2008	Benzene	<5.00	ppb
6/3/2008	Bromodichloromethane	<5.00	ppb
6/3/2008	Bromoform	<5.00	ppb
6/3/2008	Bromomethane	<5.00	ppb
6/3/2008	CarbonTetrachloride	<5.00	ppb
6/3/2008	Chlorobenzene	<5.00	ppb
6/3/2008	Chloroethane	<5.00	ppb
6/3/2008	Chloroform	<5.00	ppb
6/3/2008	Chloromethane	<5.00	ppb
6/3/2008	Dibromochloromethane	<5.00	ppb
6/3/2008	Ethylbenzene	<5.00	ppb
6/3/2008	Methylene Chloride	<5.00	ppb
6/3/2008	Toluene	<5.00	ppb
6/3/2008	Vinyl Chloride	<5.00	ppb
7/9/2008	Toluene-d8	94.26	%
7/9/2008	Toluene-d8	94.26	%
7/9/2008	Toluene-d8	94.26	%
7/9/2008	Toluene-d8	94.26	%
7/9/2008	Toluene-d8	94.26	%
7/9/2008	Toluene-d8	94.26	%
7/9/2008	Bromofluorobenzene	95.04	%
7/9/2008	Bromofluorobenzene	95.04	%
7/9/2008	12-Dichloroethane-d4	95.48	%
7/9/2008	12-Dichloroethane-d4	95.48	%
7/9/2008	12-Dichloroethane-d4	95.48	%
7/9/2008	p-m xylene	<10.00	ppb
7/9/2008	p-m xylene	<10.00	ppb
7/9/2008	1,2-Dichlorobenzene	<5.00	ppb
7/9/2008	1,3-Dichlorobenzene	<5.00	ppb
7/9/2008	1,4-Dichlorobenzene	<5.00	ppb
7/9/2008	1,2-Dichloroethane	<5.00	ppb
7/9/2008	1,4-Dichlorobenzene	<5.00	ppb
7/9/2008	Benzene	<5.00	ppb

Field's Point Influent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**

Field's Point Effluent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**
7/9/2008	CarbonTetrachloride	<5.00	ppb
7/9/2008	Chlorobenzene	<5.00	ppb
7/9/2008	Chloroform	<5.00	ppb
7/9/2008	Vinyl Chloride	<5.00	ppb
7/9/2008	111-Trichloroethane	<5.00	ppb
7/9/2008	1122Tetrachlorethane	<5.00	ppb
7/9/2008	112-Trichloroethane	<5.00	ppb
7/9/2008	1,1-Dichloroethane	<5.00	ppb
7/9/2008	1,1-Dichloroethene	<5.00	ppb
7/9/2008	1,2-Dichlorobenzene	<5.00	ppb
7/9/2008	1,2-Dichloroethane	<5.00	ppb
7/9/2008	1,2-Dichloropropane	<5.00	ppb
7/9/2008	1,3-Dichlorobenzene	<5.00	ppb
7/9/2008	1,4-Dichlorobenzene	<5.00	ppb
7/9/2008	Benzene	<5.00	ppb
7/9/2008	Bromodichloromethane	<5.00	ppb
7/9/2008	Bromoform	<5.00	ppb
7/9/2008	Bromomethane	<5.00	ppb
7/9/2008	CarbonTetrachloride	<5.00	ppb
7/9/2008	Chlorobenzene	<5.00	ppb
7/9/2008	Chloroethane	<5.00	ppb
7/9/2008	Chloroform	<5.00	ppb
7/9/2008	Chloromethane	<5.00	ppb
7/9/2008	cis13Dichloropropene	<5.00	ppb
7/9/2008	Dibromochloromethane	<5.00	ppb
7/9/2008	Ethylbenzene	<5.00	ppb
7/9/2008	Methylene Chloride	<5.00	ppb
7/9/2008	o-xylene	<5.00	ppb
7/9/2008	T-1,2-Dichloroethene	<5.00	ppb
7/9/2008	T-13-Dichloropropene	<5.00	ppb
7/9/2008	Tetrachlorethene	<5.00	ppb
7/9/2008	Toluene	<5.00	ppb
7/9/2008	Trichlorethene	<5.00	ppb
7/9/2008	Vinyl Chloride	<5.00	ppb
7/9/2008	111-Trichloroethane	<5.00	ppb
7/9/2008	1122Tetrachlorethane	<5.00	ppb
7/9/2008	112-Trichloroethane	<5.00	ppb
7/9/2008	1,1-Dichloroethane	<5.00	ppb
7/9/2008	1,1-Dichloroethene	<5.00	ppb
7/9/2008	1,2-Dichlorobenzene	<5.00	ppb
7/9/2008	1,2-Dichloroethane	<5.00	ppb
7/9/2008	1,2-Dichloropropane	<5.00	ppb
7/9/2008	1,3-Dichlorobenzene	<5.00	ppb
7/9/2008	1,4-Dichlorobenzene	<5.00	ppb
7/9/2008	Benzene	<5.00	ppb
7/9/2008	Bromodichloromethane	<5.00	ppb
7/9/2008	Bromoform	<5.00	ppb
7/9/2008	Bromomethane	<5.00	ppb
7/9/2008	CarbonTetrachloride	<5.00	ppb
7/9/2008	Chlorobenzene	<5.00	ppb
7/9/2008	Chloroethane	<5.00	ppb
7/9/2008	Chloroform	<5.00	ppb
7/9/2008	Chloromethane	<5.00	ppb
7/9/2008	cis13Dichloropropene	<5.00	ppb
7/9/2008	Dibromochloromethane	<5.00	ppb
7/9/2008	Ethylbenzene	<5.00	ppb
7/9/2008	Methylene Chloride	<5.00	ppb
7/9/2008	o-xylene	<5.00	ppb
7/9/2008	T-1,2-Dichloroethene	<5.00	ppb

Field's Point Influent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**

Field's Point Effluent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**
7/9/2008	T-13-Dichloropropene	<5.00	ppb
7/9/2008	Tetrachlorethene	<5.00	ppb
7/9/2008	Toluene	<5.00	ppb
7/9/2008	Trichlorethene	<5.00	ppb
7/9/2008	Vinyl Chloride	<5.00	ppb
7/9/2008	111-Trichloroethane	<5.00	ppb
7/9/2008	112-Trichloroethane	<5.00	ppb
7/9/2008	1,1-Dichloroethane	<5.00	ppb
7/9/2008	1,2-Dichlorobenzene	<5.00	ppb
7/9/2008	1,2-Dichloroethane	<5.00	ppb
7/9/2008	1,2-Dichloropropane	<5.00	ppb
7/9/2008	1,3-Dichlorobenzene	<5.00	ppb
7/9/2008	1,4-Dichlorobenzene	<5.00	ppb
7/9/2008	Benzene	<5.00	ppb
7/9/2008	Bromodichloromethane	<5.00	ppb
7/9/2008	Bromoform	<5.00	ppb
7/9/2008	Bromomethane	<5.00	ppb
7/9/2008	CarbonTetrachloride	<5.00	ppb
7/9/2008	Chlorobenzene	<5.00	ppb
7/9/2008	Chloroethane	<5.00	ppb
7/9/2008	Chloroform	<5.00	ppb
7/9/2008	Chloromethane	<5.00	ppb
7/9/2008	Dibromochloromethane	<5.00	ppb
7/9/2008	Ethylbenzene	<5.00	ppb
7/9/2008	Methylene Chloride	<5.00	ppb
7/9/2008	Toluene	<5.00	ppb
7/9/2008	Vinyl Chloride	<5.00	ppb
8/5/2008	Toluene-d8	94.76	%
8/5/2008	Toluene-d8	94.76	%
8/5/2008	Toluene-d8	94.76	%
8/5/2008	Toluene-d8	94.76	%
8/5/2008	Toluene-d8	94.76	%
8/5/2008	Toluene-d8	94.76	%
8/5/2008	Bromofluorobenzene	95.98	%
8/5/2008	Bromofluorobenzene	95.98	%
8/5/2008	12-Dichloroethane-d4	97.54	%
8/5/2008	12-Dichloroethane-d4	97.54	%
8/5/2008	12-Dichloroethane-d4	97.54	%
8/5/2008	p-m xylene	<10.00	ppb
8/5/2008	p-m xylene	<10.00	ppb
8/5/2008	1,2-Dichlorobenzene	<5.00	ppb
8/5/2008	1,3-Dichlorobenzene	<5.00	ppb
8/5/2008	1,4-Dichlorobenzene	<5.00	ppb
8/5/2008	1,2-Dichloroethane	<5.00	ppb
8/5/2008	1,4-Dichlorobenzene	<5.00	ppb
8/5/2008	Benzene	<5.00	ppb
8/5/2008	CarbonTetrachloride	<5.00	ppb
8/5/2008	Chlorobenzene	<5.00	ppb
8/5/2008	Chloroform	<5.00	ppb
8/5/2008	Vinyl Chloride	<5.00	ppb
8/5/2008	111-Trichloroethane	<5.00	ppb
8/5/2008	1122Tetrachlorethane	<5.00	ppb
8/5/2008	112-Trichloroethane	<5.00	ppb
8/5/2008	1,1-Dichloroethane	<5.00	ppb
8/5/2008	1,1-Dichloroethene	<5.00	ppb
8/5/2008	1,2-Dichlorobenzene	<5.00	ppb
8/5/2008	1,2-Dichloroethane	<5.00	ppb

Field's Point Influent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**

Field's Point Effluent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**
8/5/2008	1,2-Dichloropropane	<5.00	ppb
8/5/2008	1,3-Dichlorobenzene	<5.00	ppb
8/5/2008	1,4-Dichlorobenzene	<5.00	ppb
8/5/2008	Benzene	<5.00	ppb
8/5/2008	Bromodichloromethane	<5.00	ppb
8/5/2008	Bromoform	<5.00	ppb
8/5/2008	Bromomethane	<5.00	ppb
8/5/2008	CarbonTetrachloride	<5.00	ppb
8/5/2008	Chlorobenzene	<5.00	ppb
8/5/2008	Chloroethane	<5.00	ppb
8/5/2008	Chloroform	<5.00	ppb
8/5/2008	Chloromethane	<5.00	ppb
8/5/2008	cis13Dichloropropene	<5.00	ppb
8/5/2008	Dibromochloromethane	<5.00	ppb
8/5/2008	Ethylbenzene	<5.00	ppb
8/5/2008	Methylene Chloride	<5.00	ppb
8/5/2008	o-xylene	<5.00	ppb
8/5/2008	T-1,2-Dichloroethene	<5.00	ppb
8/5/2008	T-13-Dichloropropene	<5.00	ppb
8/5/2008	Tetrachlorethene	<5.00	ppb
8/5/2008	Toluene	<5.00	ppb
8/5/2008	Trichlorethene	<5.00	ppb
8/5/2008	Vinyl Chloride	<5.00	ppb
8/5/2008	111-Trichloroethane	<5.00	ppb
8/5/2008	1122Tetrachlorethane	<5.00	ppb
8/5/2008	112-Trichloroethane	<5.00	ppb
8/5/2008	1,1-Dichloroethane	<5.00	ppb
8/5/2008	1,1-Dichloroethene	<5.00	ppb
8/5/2008	1,2-Dichlorobenzene	<5.00	ppb
8/5/2008	1,2-Dichloroethane	<5.00	ppb
8/5/2008	1,2-Dichloropropane	<5.00	ppb
8/5/2008	1,3-Dichlorobenzene	<5.00	ppb
8/5/2008	1,4-Dichlorobenzene	<5.00	ppb
8/5/2008	Benzene	<5.00	ppb
8/5/2008	Bromodichloromethane	<5.00	ppb
8/5/2008	Bromoform	<5.00	ppb
8/5/2008	Bromomethane	<5.00	ppb
8/5/2008	CarbonTetrachloride	<5.00	ppb
8/5/2008	Chlorobenzene	<5.00	ppb
8/5/2008	Chloroethane	<5.00	ppb
8/5/2008	Chloroform	<5.00	ppb
8/5/2008	Chloromethane	<5.00	ppb
8/5/2008	cis13Dichloropropene	<5.00	ppb
8/5/2008	Dibromochloromethane	<5.00	ppb
8/5/2008	Ethylbenzene	<5.00	ppb
8/5/2008	Methylene Chloride	<5.00	ppb
8/5/2008	o-xylene	<5.00	ppb
8/5/2008	T-1,2-Dichloroethene	<5.00	ppb
8/5/2008	T-13-Dichloropropene	<5.00	ppb
8/5/2008	Tetrachlorethene	<5.00	ppb
8/5/2008	Toluene	<5.00	ppb
8/5/2008	Trichlorethene	<5.00	ppb
8/5/2008	Vinyl Chloride	<5.00	ppb
8/5/2008	111-Trichloroethane	<5.00	ppb
8/5/2008	112-Trichloroethane	<5.00	ppb
8/5/2008	1,1-Dichloroethane	<5.00	ppb
8/5/2008	1,2-Dichlorobenzene	<5.00	ppb
8/5/2008	1,2-Dichloroethane	<5.00	ppb
8/5/2008	1,2-Dichloropropane	<5.00	ppb

Field's Point Influent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**

Field's Point Effluent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**
8/5/2008	1,3-Dichlorobenzene	<5.00	ppb
8/5/2008	1,4-Dichlorobenzene	<5.00	ppb
8/5/2008	Benzene	<5.00	ppb
8/5/2008	Bromodichloromethane	<5.00	ppb
8/5/2008	Bromoform	<5.00	ppb
8/5/2008	Bromomethane	<5.00	ppb
8/5/2008	CarbonTetrachloride	<5.00	ppb
8/5/2008	Chlorobenzene	<5.00	ppb
8/5/2008	Chloroethane	<5.00	ppb
8/5/2008	Chloroform	<5.00	ppb
8/5/2008	Chloromethane	<5.00	ppb
8/5/2008	Dibromochloromethane	<5.00	ppb
8/5/2008	Ethylbenzene	<5.00	ppb
8/5/2008	Methylene Chloride	<5.00	ppb
8/5/2008	Toluene	<5.00	ppb
8/5/2008	Vinyl Chloride	<5.00	ppb
9/9/2008	Bromofluorobenzene	95.32	%
9/9/2008	Bromofluorobenzene	95.32	%
9/9/2008	Toluene-d8	97.32	%
9/9/2008	Toluene-d8	97.32	%
9/9/2008	Toluene-d8	97.32	%
9/9/2008	Toluene-d8	97.32	%
9/9/2008	Toluene-d8	97.32	%
9/9/2008	Toluene-d8	97.32	%
9/9/2008	12-Dichloroethane-d4	99.32	%
9/9/2008	12-Dichloroethane-d4	99.32	%
9/9/2008	12-Dichloroethane-d4	99.32	%
9/9/2008	p-m xylene	<10.00	ppb
9/9/2008	p-m xylene	<10.00	ppb
9/9/2008	1,2-Dichlorobenzene	<5.00	ppb
9/9/2008	1,3-Dichlorobenzene	<5.00	ppb
9/9/2008	1,4-Dichlorobenzene	<5.00	ppb
9/9/2008	1,2-Dichloroethane	<5.00	ppb
9/9/2008	1,4-Dichlorobenzene	<5.00	ppb
9/9/2008	Benzene	<5.00	ppb
9/9/2008	CarbonTetrachloride	<5.00	ppb
9/9/2008	Chlorobenzene	<5.00	ppb
9/9/2008	Chloroform	<5.00	ppb
9/9/2008	Vinyl Chloride	<5.00	ppb
9/9/2008	111-Trichloroethane	<5.00	ppb
9/9/2008	1122Tetrachlorethane	<5.00	ppb
9/9/2008	112-Trichloroethane	<5.00	ppb
9/9/2008	1,1-Dichloroethane	<5.00	ppb
9/9/2008	1,1-Dichloroethene	<5.00	ppb
9/9/2008	1,2-Dichlorobenzene	<5.00	ppb
9/9/2008	1,2-Dichloroethane	<5.00	ppb
9/9/2008	1,2-Dichloropropane	<5.00	ppb
9/9/2008	1,3-Dichlorobenzene	<5.00	ppb
9/9/2008	1,4-Dichlorobenzene	<5.00	ppb
9/9/2008	Benzene	<5.00	ppb
9/9/2008	Bromodichloromethane	<5.00	ppb
9/9/2008	Bromoform	<5.00	ppb
9/9/2008	Bromomethane	<5.00	ppb
9/9/2008	CarbonTetrachloride	<5.00	ppb
9/9/2008	Chlorobenzene	<5.00	ppb
9/9/2008	Chloroethane	<5.00	ppb
9/9/2008	Chloroform	<5.00	ppb
9/9/2008	Chloromethane	<5.00	ppb
9/9/2008	cis13Dichloropropene	<5.00	ppb

Field's Point Influent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**

Field's Point Effluent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**
9/9/2008	Dibromochloromethane	<5.00	ppb
9/9/2008	Ethylbenzene	<5.00	ppb
9/9/2008	Methylene Chloride	<5.00	ppb
9/9/2008	o-xylene	<5.00	ppb
9/9/2008	T-1,2-Dichloroethene	<5.00	ppb
9/9/2008	T-13-Dichloropropene	<5.00	ppb
9/9/2008	Tetrachlorethene	<5.00	ppb
9/9/2008	Toluene	<5.00	ppb
9/9/2008	Trichlorethene	<5.00	ppb
9/9/2008	Vinyl Chloride	<5.00	ppb
9/9/2008	111-Trichloroethane	<5.00	ppb
9/9/2008	1122Tetrachlorethane	<5.00	ppb
9/9/2008	112-Trichloroethane	<5.00	ppb
9/9/2008	1,1-Dichloroethane	<5.00	ppb
9/9/2008	1,1-Dichloroethene	<5.00	ppb
9/9/2008	1,2-Dichlorobenzene	<5.00	ppb
9/9/2008	1,2-Dichloroethane	<5.00	ppb
9/9/2008	1,2-Dichloropropane	<5.00	ppb
9/9/2008	1,3-Dichlorobenzene	<5.00	ppb
9/9/2008	1,4-Dichlorobenzene	<5.00	ppb
9/9/2008	Benzene	<5.00	ppb
9/9/2008	Bromodichloromethane	<5.00	ppb
9/9/2008	Bromoform	<5.00	ppb
9/9/2008	Bromomethane	<5.00	ppb
9/9/2008	CarbonTetrachloride	<5.00	ppb
9/9/2008	Chlorobenzene	<5.00	ppb
9/9/2008	Chloroethane	<5.00	ppb
9/9/2008	Chloroform	<5.00	ppb
9/9/2008	Chloromethane	<5.00	ppb
9/9/2008	cis13Dichloropropene	<5.00	ppb
9/9/2008	Dibromochloromethane	<5.00	ppb
9/9/2008	Ethylbenzene	<5.00	ppb
9/9/2008	Methylene Chloride	<5.00	ppb
9/9/2008	o-xylene	<5.00	ppb
9/9/2008	T-1,2-Dichloroethene	<5.00	ppb
9/9/2008	T-13-Dichloropropene	<5.00	ppb
9/9/2008	Tetrachlorethene	<5.00	ppb
9/9/2008	Toluene	<5.00	ppb
9/9/2008	Trichlorethene	<5.00	ppb
9/9/2008	Vinyl Chloride	<5.00	ppb
9/9/2008	111-Trichloroethane	<5.00	ppb
9/9/2008	112-Trichloroethane	<5.00	ppb
9/9/2008	1,1-Dichloroethane	<5.00	ppb
9/9/2008	1,2-Dichlorobenzene	<5.00	ppb
9/9/2008	1,2-Dichloroethane	<5.00	ppb
9/9/2008	1,2-Dichloropropane	<5.00	ppb
9/9/2008	1,3-Dichlorobenzene	<5.00	ppb
9/9/2008	1,4-Dichlorobenzene	<5.00	ppb
9/9/2008	Benzene	<5.00	ppb
9/9/2008	Bromodichloromethane	<5.00	ppb
9/9/2008	Bromoform	<5.00	ppb
9/9/2008	Bromomethane	<5.00	ppb
9/9/2008	CarbonTetrachloride	<5.00	ppb
9/9/2008	Chlorobenzene	<5.00	ppb
9/9/2008	Chloroethane	<5.00	ppb
9/9/2008	Chloroform	<5.00	ppb
9/9/2008	Chloromethane	<5.00	ppb
9/9/2008	Dibromochloromethane	<5.00	ppb
9/9/2008	Ethylbenzene	<5.00	ppb

Field's Point Influent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**

Field's Point Effluent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**
9/9/2008	Methylene Chloride	<5.00	ppb
9/9/2008	Toluene	<5.00	ppb
9/9/2008	Vinyl Chloride	<5.00	ppb
10/7/2008	Toluene-d8	93.96	%
10/7/2008	Toluene-d8	93.96	%
10/7/2008	Toluene-d8	93.96	%
10/7/2008	Toluene-d8	93.96	%
10/7/2008	Toluene-d8	93.96	%
10/7/2008	Toluene-d8	93.96	%
10/7/2008	Bromofluorobenzene	96.50	%
10/7/2008	Bromofluorobenzene	96.50	%
10/7/2008	12-Dichloroethane-d4	100.88	%
10/7/2008	12-Dichloroethane-d4	100.88	%
10/7/2008	12-Dichloroethane-d4	100.88	%
10/7/2008	p-m xylene	<10.00	ppb
10/7/2008	p-m xylene	<10.00	ppb
10/7/2008	1,2-Dichlorobenzene	<5.00	ppb
10/7/2008	1,3-Dichlorobenzene	<5.00	ppb
10/7/2008	1,4-Dichlorobenzene	<5.00	ppb
10/7/2008	1,2-Dichloroethane	<5.00	ppb
10/7/2008	1,4-Dichlorobenzene	<5.00	ppb
10/7/2008	Benzene	<5.00	ppb
10/7/2008	CarbonTetrachloride	<5.00	ppb
10/7/2008	Chlorobenzene	<5.00	ppb
10/7/2008	Chloroform	<5.00	ppb
10/7/2008	Vinyl Chloride	<5.00	ppb
10/7/2008	111-Trichloroethane	<5.00	ppb
10/7/2008	1122Tetrachlorethane	<5.00	ppb
10/7/2008	112-Trichloroethane	<5.00	ppb
10/7/2008	1,1-Dichloroethane	<5.00	ppb
10/7/2008	1,1-Dichloroethene	<5.00	ppb
10/7/2008	1,2-Dichlorobenzene	<5.00	ppb
10/7/2008	1,2-Dichloroethane	<5.00	ppb
10/7/2008	1,2-Dichloropropane	<5.00	ppb
10/7/2008	1,3-Dichlorobenzene	<5.00	ppb
10/7/2008	1,4-Dichlorobenzene	<5.00	ppb
10/7/2008	Benzene	<5.00	ppb
10/7/2008	Bromodichloromethane	<5.00	ppb
10/7/2008	Bromoform	<5.00	ppb
10/7/2008	Bromomethane	<5.00	ppb
10/7/2008	CarbonTetrachloride	<5.00	ppb
10/7/2008	Chlorobenzene	<5.00	ppb
10/7/2008	Chloroethane	<5.00	ppb
10/7/2008	Chloroform	<5.00	ppb
10/7/2008	Chloromethane	<5.00	ppb
10/7/2008	cis13Dichloropropene	<5.00	ppb
10/7/2008	Dibromochloromethane	<5.00	ppb
10/7/2008	Ethylbenzene	<5.00	ppb
10/7/2008	Methylene Chloride	<5.00	ppb
10/7/2008	o-xylene	<5.00	ppb
10/7/2008	T-1,2-Dichloroethene	<5.00	ppb
10/7/2008	T-13-Dichloropropene	<5.00	ppb
10/7/2008	Tetrachlorethene	<5.00	ppb
10/7/2008	Toluene	<5.00	ppb
10/7/2008	Trichlorethene	<5.00	ppb
10/7/2008	Vinyl Chloride	<5.00	ppb
10/7/2008	111-Trichloroethane	<5.00	ppb
10/7/2008	1122Tetrachlorethane	<5.00	ppb
10/7/2008	112-Trichloroethane	<5.00	ppb

Field's Point Influent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**

Field's Point Effluent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**
10/7/2008	1,1-Dichloroethane	<5.00	ppb
10/7/2008	1,1-Dichloroethene	<5.00	ppb
10/7/2008	1,2-Dichlorobenzene	<5.00	ppb
10/7/2008	1,2-Dichloroethane	<5.00	ppb
10/7/2008	1,2-Dichloropropane	<5.00	ppb
10/7/2008	1,3-Dichlorobenzene	<5.00	ppb
10/7/2008	1,4-Dichlorobenzene	<5.00	ppb
10/7/2008	Benzene	<5.00	ppb
10/7/2008	Bromodichloromethane	<5.00	ppb
10/7/2008	Bromoform	<5.00	ppb
10/7/2008	Bromomethane	<5.00	ppb
10/7/2008	CarbonTetrachloride	<5.00	ppb
10/7/2008	Chlorobenzene	<5.00	ppb
10/7/2008	Chloroethane	<5.00	ppb
10/7/2008	Chloroform	<5.00	ppb
10/7/2008	Chloromethane	<5.00	ppb
10/7/2008	cis13Dichloropropene	<5.00	ppb
10/7/2008	Dibromochloromethane	<5.00	ppb
10/7/2008	Ethylbenzene	<5.00	ppb
10/7/2008	Methylene Chloride	<5.00	ppb
10/7/2008	o-xylene	<5.00	ppb
10/7/2008	T-1,2-Dichloroethene	<5.00	ppb
10/7/2008	T-13-Dichloropropene	<5.00	ppb
10/7/2008	Tetrachlorethene	<5.00	ppb
10/7/2008	Toluene	<5.00	ppb
10/7/2008	Trichlorethene	<5.00	ppb
10/7/2008	Vinyl Chloride	<5.00	ppb
10/7/2008	111-Trichloroethane	<5.00	ppb
10/7/2008	112-Trichloroethane	<5.00	ppb
10/7/2008	1,1-Dichloroethane	<5.00	ppb
10/7/2008	1,2-Dichlorobenzene	<5.00	ppb
10/7/2008	1,2-Dichloroethane	<5.00	ppb
10/7/2008	1,2-Dichloropropane	<5.00	ppb
10/7/2008	1,3-Dichlorobenzene	<5.00	ppb
10/7/2008	1,4-Dichlorobenzene	<5.00	ppb
10/7/2008	Benzene	<5.00	ppb
10/7/2008	Bromodichloromethane	<5.00	ppb
10/7/2008	Bromoform	<5.00	ppb
10/7/2008	Bromomethane	<5.00	ppb
10/7/2008	CarbonTetrachloride	<5.00	ppb
10/7/2008	Chlorobenzene	<5.00	ppb
10/7/2008	Chloroethane	<5.00	ppb
10/7/2008	Chloroform	<5.00	ppb
10/7/2008	Chloromethane	<5.00	ppb
10/7/2008	Dibromochloromethane	<5.00	ppb
10/7/2008	Ethylbenzene	<5.00	ppb
10/7/2008	Methylene Chloride	<5.00	ppb
10/7/2008	Toluene	<5.00	ppb
10/7/2008	Vinyl Chloride	<5.00	ppb
11/3/2008	Bromomethane	5.24	ppb
11/3/2008	Bromomethane	5.24	ppb
11/3/2008	Bromomethane	5.24	ppb
11/3/2008	12-Dichloroethane-d4	93.88	%
11/3/2008	12-Dichloroethane-d4	93.88	%
11/3/2008	12-Dichloroethane-d4	93.88	%
11/3/2008	Toluene-d8	95.60	%
11/3/2008	Toluene-d8	95.60	%
11/3/2008	Toluene-d8	95.60	%
11/3/2008	Toluene-d8	95.60	%

Field's Point Influent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**

Field's Point Effluent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**
11/3/2008	Toluene-d8	95.60	%
11/3/2008	Toluene-d8	95.60	%
11/3/2008	Bromofluorobenzene	96.02	%
11/3/2008	Bromofluorobenzene	96.02	%
11/3/2008	p-m xylene	<10.00	ppb
11/3/2008	p-m xylene	<10.00	ppb
11/3/2008	1,2-Dichlorobenzene	<5.00	ppb
11/3/2008	1,3-Dichlorobenzene	<5.00	ppb
11/3/2008	1,4-Dichlorobenzene	<5.00	ppb
11/3/2008	1,2-Dichloroethane	<5.00	ppb
11/3/2008	1,4-Dichlorobenzene	<5.00	ppb
11/3/2008	Benzene	<5.00	ppb
11/3/2008	CarbonTetrachloride	<5.00	ppb
11/3/2008	Chlorobenzene	<5.00	ppb
11/3/2008	Chloroform	<5.00	ppb
11/3/2008	Vinyl Chloride	<5.00	ppb
11/3/2008	111-Trichloroethane	<5.00	ppb
11/3/2008	1122Tetrachlorethane	<5.00	ppb
11/3/2008	112-Trichloroethane	<5.00	ppb
11/3/2008	1,1-Dichloroethane	<5.00	ppb
11/3/2008	1,1-Dichloroethene	<5.00	ppb
11/3/2008	1,2-Dichlorobenzene	<5.00	ppb
11/3/2008	1,2-Dichloroethane	<5.00	ppb
11/3/2008	1,2-Dichloropropane	<5.00	ppb
11/3/2008	1,3-Dichlorobenzene	<5.00	ppb
11/3/2008	1,4-Dichlorobenzene	<5.00	ppb
11/3/2008	Benzene	<5.00	ppb
11/3/2008	Bromodichloromethane	<5.00	ppb
11/3/2008	Bromoform	<5.00	ppb
11/3/2008	CarbonTetrachloride	<5.00	ppb
11/3/2008	Chlorobenzene	<5.00	ppb
11/3/2008	Chloroethane	<5.00	ppb
11/3/2008	Chloroform	<5.00	ppb
11/3/2008	Chloromethane	<5.00	ppb
11/3/2008	cis13Dichloropropene	<5.00	ppb
11/3/2008	Dibromochloromethane	<5.00	ppb
11/3/2008	Ethylbenzene	<5.00	ppb
11/3/2008	Methylene Chloride	<5.00	ppb
11/3/2008	o-xylene	<5.00	ppb
11/3/2008	T-1,2-Dichloroethene	<5.00	ppb
11/3/2008	T-13-Dichloropropene	<5.00	ppb
11/3/2008	Tetrachlorethene	<5.00	ppb
11/3/2008	Toluene	<5.00	ppb
11/3/2008	Trichlorethene	<5.00	ppb
11/3/2008	Vinyl Chloride	<5.00	ppb
11/3/2008	111-Trichloroethane	<5.00	ppb
11/3/2008	1122Tetrachlorethane	<5.00	ppb
11/3/2008	112-Trichloroethane	<5.00	ppb
11/3/2008	1,1-Dichloroethane	<5.00	ppb
11/3/2008	1,1-Dichloroethene	<5.00	ppb
11/3/2008	1,2-Dichlorobenzene	<5.00	ppb
11/3/2008	1,2-Dichloroethane	<5.00	ppb
11/3/2008	1,2-Dichloropropane	<5.00	ppb
11/3/2008	1,3-Dichlorobenzene	<5.00	ppb
11/3/2008	1,4-Dichlorobenzene	<5.00	ppb
11/3/2008	Benzene	<5.00	ppb
11/3/2008	Bromodichloromethane	<5.00	ppb
11/3/2008	Bromoform	<5.00	ppb
11/3/2008	CarbonTetrachloride	<5.00	ppb

Field's Point Influent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**

Field's Point Effluent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**
11/3/2008	Chlorobenzene	<5.00	ppb
11/3/2008	Chloroethane	<5.00	ppb
11/3/2008	Chloroform	<5.00	ppb
11/3/2008	Chloromethane	<5.00	ppb
11/3/2008	cis13Dichloropropene	<5.00	ppb
11/3/2008	Dibromochloromethane	<5.00	ppb
11/3/2008	Ethylbenzene	<5.00	ppb
11/3/2008	Methylene Chloride	<5.00	ppb
11/3/2008	o-xylene	<5.00	ppb
11/3/2008	T-1,2-Dichloroethene	<5.00	ppb
11/3/2008	T-13-Dichloropropene	<5.00	ppb
11/3/2008	Tetrachlorethene	<5.00	ppb
11/3/2008	Toluene	<5.00	ppb
11/3/2008	Trichlorethene	<5.00	ppb
11/3/2008	Vinyl Chloride	<5.00	ppb
11/3/2008	111-Trichloroethane	<5.00	ppb
11/3/2008	112-Trichloroethane	<5.00	ppb
11/3/2008	1,1-Dichloroethane	<5.00	ppb
11/3/2008	1,2-Dichlorobenzene	<5.00	ppb
11/3/2008	1,2-Dichloroethane	<5.00	ppb
11/3/2008	1,2-Dichloropropane	<5.00	ppb
11/3/2008	1,3-Dichlorobenzene	<5.00	ppb
11/3/2008	1,4-Dichlorobenzene	<5.00	ppb
11/3/2008	Benzene	<5.00	ppb
11/3/2008	Bromodichloromethane	<5.00	ppb
11/3/2008	Bromoform	<5.00	ppb
11/3/2008	CarbonTetrachloride	<5.00	ppb
11/3/2008	Chlorobenzene	<5.00	ppb
11/3/2008	Chloroethane	<5.00	ppb
11/3/2008	Chloroform	<5.00	ppb
11/3/2008	Chloromethane	<5.00	ppb
11/3/2008	Dibromochloromethane	<5.00	ppb
11/3/2008	Ethylbenzene	<5.00	ppb
11/3/2008	Methylene Chloride	<5.00	ppb
11/3/2008	Toluene	<5.00	ppb
11/3/2008	Vinyl Chloride	<5.00	ppb
12/2/2008	Toluene-d8	95.62	%
12/2/2008	Toluene-d8	95.62	%
12/2/2008	Toluene-d8	95.62	%
12/2/2008	Toluene-d8	95.62	%
12/2/2008	Toluene-d8	95.62	%
12/2/2008	Toluene-d8	95.62	%
12/2/2008	Bromofluorobenzene	97.44	%
12/2/2008	Bromofluorobenzene	97.44	%
12/2/2008	12-Dichloroethane-d4	100.30	%
12/2/2008	12-Dichloroethane-d4	100.30	%
12/2/2008	12-Dichloroethane-d4	100.30	%
12/2/2008	p-m xylene	<10.00	ppb
12/2/2008	p-m xylene	<10.00	ppb
12/2/2008	1,2-Dichlorobenzene	<5.00	ppb
12/2/2008	1,3-Dichlorobenzene	<5.00	ppb
12/2/2008	1,4-Dichlorobenzene	<5.00	ppb
12/2/2008	1,2-Dichloroethane	<5.00	ppb
12/2/2008	1,4-Dichlorobenzene	<5.00	ppb
12/2/2008	Benzene	<5.00	ppb
12/2/2008	CarbonTetrachloride	<5.00	ppb
12/2/2008	Chlorobenzene	<5.00	ppb
12/2/2008	Chloroform	<5.00	ppb
12/2/2008	Vinyl Chloride	<5.00	ppb

Field's Point Influent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**

Field's Point Effluent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**
12/2/2008	111-Trichloroethane	<5.00	ppb
12/2/2008	1122Tetrachlorethane	<5.00	ppb
12/2/2008	112-Trichloroethane	<5.00	ppb
12/2/2008	1,1-Dichloroethane	<5.00	ppb
12/2/2008	1,1-Dichloroethene	<5.00	ppb
12/2/2008	1,2-Dichlorobenzene	<5.00	ppb
12/2/2008	1,2-Dichloroethane	<5.00	ppb
12/2/2008	1,2-Dichloropropane	<5.00	ppb
12/2/2008	1,3-Dichlorobenzene	<5.00	ppb
12/2/2008	1,4-Dichlorobenzene	<5.00	ppb
12/2/2008	Benzene	<5.00	ppb
12/2/2008	Bromodichloromethane	<5.00	ppb
12/2/2008	Bromoform	<5.00	ppb
12/2/2008	Bromomethane	<5.00	ppb
12/2/2008	CarbonTetrachloride	<5.00	ppb
12/2/2008	Chlorobenzene	<5.00	ppb
12/2/2008	Chloroethane	<5.00	ppb
12/2/2008	Chloroform	<5.00	ppb
12/2/2008	Chloromethane	<5.00	ppb
12/2/2008	cis13Dichloropropene	<5.00	ppb
12/2/2008	Dibromochloromethane	<5.00	ppb
12/2/2008	Ethylbenzene	<5.00	ppb
12/2/2008	Methylene Chloride	<5.00	ppb
12/2/2008	o-xylene	<5.00	ppb
12/2/2008	T-1,2-Dichloroethene	<5.00	ppb
12/2/2008	T-13-Dichloropropene	<5.00	ppb
12/2/2008	Tetrachlorethene	<5.00	ppb
12/2/2008	Toluene	<5.00	ppb
12/2/2008	Trichlorethene	<5.00	ppb
12/2/2008	Vinyl Chloride	<5.00	ppb
12/2/2008	111-Trichloroethane	<5.00	ppb
12/2/2008	1122Tetrachlorethane	<5.00	ppb
12/2/2008	112-Trichloroethane	<5.00	ppb
12/2/2008	1,1-Dichloroethane	<5.00	ppb
12/2/2008	1,1-Dichloroethene	<5.00	ppb
12/2/2008	1,2-Dichlorobenzene	<5.00	ppb
12/2/2008	1,2-Dichloroethane	<5.00	ppb
12/2/2008	1,2-Dichloropropane	<5.00	ppb
12/2/2008	1,3-Dichlorobenzene	<5.00	ppb
12/2/2008	1,4-Dichlorobenzene	<5.00	ppb
12/2/2008	Benzene	<5.00	ppb
12/2/2008	Bromodichloromethane	<5.00	ppb
12/2/2008	Bromoform	<5.00	ppb
12/2/2008	Bromomethane	<5.00	ppb
12/2/2008	CarbonTetrachloride	<5.00	ppb
12/2/2008	Chlorobenzene	<5.00	ppb
12/2/2008	Chloroethane	<5.00	ppb
12/2/2008	Chloroform	<5.00	ppb
12/2/2008	Chloromethane	<5.00	ppb
12/2/2008	cis13Dichloropropene	<5.00	ppb
12/2/2008	Dibromochloromethane	<5.00	ppb
12/2/2008	Ethylbenzene	<5.00	ppb
12/2/2008	Methylene Chloride	<5.00	ppb
12/2/2008	o-xylene	<5.00	ppb
12/2/2008	T-1,2-Dichloroethene	<5.00	ppb
12/2/2008	T-13-Dichloropropene	<5.00	ppb
12/2/2008	Tetrachlorethene	<5.00	ppb
12/2/2008	Toluene	<5.00	ppb
12/2/2008	Trichlorethene	<5.00	ppb

Field's Point Influent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**

Field's Point Effluent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**
12/2/2008	Vinyl Chloride	<5.00	ppb
12/2/2008	111-Trichloroethane	<5.00	ppb
12/2/2008	112-Trichloroethane	<5.00	ppb
12/2/2008	1,1-Dichloroethane	<5.00	ppb
12/2/2008	1,2-Dichlorobenzene	<5.00	ppb
12/2/2008	1,2-Dichloroethane	<5.00	ppb
12/2/2008	1,2-Dichloropropane	<5.00	ppb
12/2/2008	1,3-Dichlorobenzene	<5.00	ppb
12/2/2008	1,4-Dichlorobenzene	<5.00	ppb
12/2/2008	Benzene	<5.00	ppb
12/2/2008	Bromodichloromethane	<5.00	ppb
12/2/2008	Bromoform	<5.00	ppb
12/2/2008	Bromomethane	<5.00	ppb
12/2/2008	CarbonTetrachloride	<5.00	ppb
12/2/2008	Chlorobenzene	<5.00	ppb
12/2/2008	Chloroethane	<5.00	ppb
12/2/2008	Chloroform	<5.00	ppb
12/2/2008	Chloromethane	<5.00	ppb
12/2/2008	Dibromochloromethane	<5.00	ppb
12/2/2008	Ethylbenzene	<5.00	ppb
12/2/2008	Methylene Chloride	<5.00	ppb
12/2/2008	Toluene	<5.00	ppb
12/2/2008	Vinyl Chloride	<5.00	ppb

Bucklin Point Influent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**
1/6/2009	p-m xylene	<10.00	ppb
1/6/2009	12-Dichloroethane-d4	100.22	%
1/6/2009	Bromofluorobenzene	100.42	%
1/6/2009	111-Trichloroethane	<5.00	ppb
1/6/2009	1122Tetrachlorethane	<5.00	ppb
1/6/2009	112-Trichloroethane	<5.00	ppb
1/6/2009	1,1-Dichloroethane	<5.00	ppb
1/6/2009	1,1-Dichloroethene	<5.00	ppb
1/6/2009	1,2-Dichlorobenzene	<5.00	ppb
1/6/2009	1,2-Dichloroethane	<5.00	ppb
1/6/2009	1,2-Dichloropropane	<5.00	ppb
1/6/2009	1,3-Dichlorobenzene	<5.00	ppb
1/6/2009	1,4-Dichlorobenzene	<5.00	ppb
1/6/2009	Benzene	<5.00	ppb
1/6/2009	Bromodichloromethane	<5.00	ppb
1/6/2009	Bromoform	<5.00	ppb
1/6/2009	Bromomethane	<5.00	ppb
1/6/2009	CarbonTetrachloride	<5.00	ppb
1/6/2009	Chlorobenzene	<5.00	ppb
1/6/2009	Chloroethane	<5.00	ppb
1/6/2009	Chloroform	<5.00	ppb
1/6/2009	Chloromethane	<5.00	ppb
1/6/2009	cis13Dichloropropene	<5.00	ppb
1/6/2009	Dibromochloromethane	<5.00	ppb
1/6/2009	Ethylbenzene	<5.00	ppb
1/6/2009	Methylene Chloride	<5.00	ppb
1/6/2009	o-xylene	<5.00	ppb
1/6/2009	T-1,2-Dichloroethene	<5.00	ppb
1/6/2009	T-13-Dichloropropene	<5.00	ppb
1/6/2009	Tetrachlorethene	<5.00	ppb
1/6/2009	Toluene	<5.00	ppb
1/6/2009	Trichlorethene	<5.00	ppb
1/6/2009	Vinyl Chloride	<5.00	ppb
1/6/2009	Toluene-d8	96.42	%
2/3/2009	p-m xylene	<10.00	ppb
2/3/2009	Toluene-d8	100.28	%
2/3/2009	111-Trichloroethane	<5.00	ppb
2/3/2009	1122Tetrachlorethane	<5.00	ppb
2/3/2009	112-Trichloroethane	<5.00	ppb
2/3/2009	1,1-Dichloroethane	<5.00	ppb
2/3/2009	1,1-Dichloroethene	<5.00	ppb
2/3/2009	1,2-Dichlorobenzene	<5.00	ppb
2/3/2009	1,2-Dichloroethane	<5.00	ppb
2/3/2009	1,2-Dichloropropane	<5.00	ppb
2/3/2009	1,3-Dichlorobenzene	<5.00	ppb
2/3/2009	1,4-Dichlorobenzene	<5.00	ppb
2/3/2009	Benzene	<5.00	ppb
2/3/2009	Bromodichloromethane	<5.00	ppb
2/3/2009	Bromoform	<5.00	ppb
2/3/2009	Bromomethane	<5.00	ppb

Bucklin Point Effluent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**
1/6/2009	p-m xylene	<10.00	ppb
1/6/2009	Bromofluorobenzene	101.46	%
1/6/2009	Toluene-d8	102.08	%
1/6/2009	111-Trichloroethane	<5.00	ppb
1/6/2009	1122Tetrachlorethane	<5.00	ppb
1/6/2009	112-Trichloroethane	<5.00	ppb
1/6/2009	1,1-Dichloroethane	<5.00	ppb
1/6/2009	1,1-Dichloroethene	<5.00	ppb
1/6/2009	1,2-Dichlorobenzene	<5.00	ppb
1/6/2009	1,2-Dichloroethane	<5.00	ppb
1/6/2009	1,2-Dichloropropane	<5.00	ppb
1/6/2009	1,3-Dichlorobenzene	<5.00	ppb
1/6/2009	1,4-Dichlorobenzene	<5.00	ppb
1/6/2009	Benzene	<5.00	ppb
1/6/2009	Bromodichloromethane	<5.00	ppb
1/6/2009	Bromoform	<5.00	ppb
1/6/2009	Bromomethane	<5.00	ppb
1/6/2009	CarbonTetrachloride	<5.00	ppb
1/6/2009	Chlorobenzene	<5.00	ppb
1/6/2009	Chloroethane	<5.00	ppb
1/6/2009	Chloroform	<5.00	ppb
1/6/2009	Chloromethane	<5.00	ppb
1/6/2009	cis13Dichloropropene	<5.00	ppb
1/6/2009	Dibromochloromethane	<5.00	ppb
1/6/2009	Ethylbenzene	<5.00	ppb
1/6/2009	Methylene Chloride	<5.00	ppb
1/6/2009	o-xylene	<5.00	ppb
1/6/2009	T-1,2-Dichloroethene	<5.00	ppb
1/6/2009	T-13-Dichloropropene	<5.00	ppb
1/6/2009	Tetrachlorethene	<5.00	ppb
1/6/2009	Toluene	<5.00	ppb
1/6/2009	Trichlorethene	<5.00	ppb
1/6/2009	Vinyl Chloride	<5.00	ppb
1/6/2009	12-Dichloroethane-d4	97.52	%
2/3/2009	p-m xylene	<10.00	ppb
2/3/2009	Toluene-d8	102.24	%
2/3/2009	111-Trichloroethane	<5.00	ppb
2/3/2009	1122Tetrachlorethane	<5.00	ppb
2/3/2009	112-Trichloroethane	<5.00	ppb
2/3/2009	1,1-Dichloroethane	<5.00	ppb
2/3/2009	1,1-Dichloroethene	<5.00	ppb
2/3/2009	1,2-Dichlorobenzene	<5.00	ppb
2/3/2009	1,2-Dichloroethane	<5.00	ppb
2/3/2009	1,2-Dichloropropane	<5.00	ppb
2/3/2009	1,3-Dichlorobenzene	<5.00	ppb
2/3/2009	1,4-Dichlorobenzene	<5.00	ppb
2/3/2009	Benzene	<5.00	ppb
2/3/2009	Bromodichloromethane	<5.00	ppb
2/3/2009	Bromoform	<5.00	ppb
2/3/2009	Bromomethane	<5.00	ppb

Table 19: EPA Priority Pollutants Data Bucklin Point

Bucklin Point Influent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**
2/3/2009	CarbonTetrachloride	<5.00	ppb
2/3/2009	Chlorobenzene	<5.00	ppb
2/3/2009	Chloroethane	<5.00	ppb
2/3/2009	Chloroform	<5.00	ppb
2/3/2009	Chloromethane	<5.00	ppb
2/3/2009	cis13Dichloropropene	<5.00	ppb
2/3/2009	Dibromochloromethane	<5.00	ppb
2/3/2009	Ethylbenzene	<5.00	ppb
2/3/2009	Methylene Chloride	<5.00	ppb
2/3/2009	o-xylene	<5.00	ppb
2/3/2009	T-1,2-Dichloroethene	<5.00	ppb
2/3/2009	T-13-Dichloropropene	<5.00	ppb
2/3/2009	Toluene	<5.00	ppb
2/3/2009	Trichlorethene	<5.00	ppb
2/3/2009	Vinyl Chloride	<5.00	ppb
2/3/2009	Tetrachlorethene	6.44	ppb
2/3/2009	Bromofluorobenzene	89.68	%
2/3/2009	12-Dichloroethane-d4	91.2	%
3/3/2009	p-m xylene	<10.00	ppb
3/3/2009	12-Dichloroethane-d4	100.72	%
3/3/2009	111-Trichloroethane	<5.00	ppb
3/3/2009	1122Tetrachlorethane	<5.00	ppb
3/3/2009	112-Trichloroethane	<5.00	ppb
3/3/2009	1,1-Dichloroethane	<5.00	ppb
3/3/2009	1,1-Dichloroethene	<5.00	ppb
3/3/2009	1,2-Dichlorobenzene	<5.00	ppb
3/3/2009	1,2-Dichloroethane	<5.00	ppb
3/3/2009	1,2-Dichloropropane	<5.00	ppb
3/3/2009	1,3-Dichlorobenzene	<5.00	ppb
3/3/2009	1,4-Dichlorobenzene	<5.00	ppb
3/3/2009	Benzene	<5.00	ppb
3/3/2009	Bromodichloromethane	<5.00	ppb
3/3/2009	Bromoform	<5.00	ppb
3/3/2009	Bromomethane	<5.00	ppb
3/3/2009	CarbonTetrachloride	<5.00	ppb
3/3/2009	Chlorobenzene	<5.00	ppb
3/3/2009	Chloroethane	<5.00	ppb
3/3/2009	Chloroform	<5.00	ppb
3/3/2009	Chloromethane	<5.00	ppb
3/3/2009	cis13Dichloropropene	<5.00	ppb
3/3/2009	Dibromochloromethane	<5.00	ppb
3/3/2009	Ethylbenzene	<5.00	ppb
3/3/2009	Methylene Chloride	<5.00	ppb
3/3/2009	o-xylene	<5.00	ppb
3/3/2009	T-1,2-Dichloroethene	<5.00	ppb
3/3/2009	T-13-Dichloropropene	<5.00	ppb
3/3/2009	Tetrachlorethene	<5.00	ppb
3/3/2009	Toluene	<5.00	ppb
3/3/2009	Trichlorethene	<5.00	ppb
3/3/2009	Vinyl Chloride	<5.00	ppb

Bucklin Point Effluent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**
2/3/2009	CarbonTetrachloride	<5.00	ppb
2/3/2009	Chlorobenzene	<5.00	ppb
2/3/2009	Chloroethane	<5.00	ppb
2/3/2009	Chloroform	<5.00	ppb
2/3/2009	Chloromethane	<5.00	ppb
2/3/2009	cis13Dichloropropene	<5.00	ppb
2/3/2009	Dibromochloromethane	<5.00	ppb
2/3/2009	Ethylbenzene	<5.00	ppb
2/3/2009	Methylene Chloride	<5.00	ppb
2/3/2009	o-xylene	<5.00	ppb
2/3/2009	T-1,2-Dichloroethene	<5.00	ppb
2/3/2009	T-13-Dichloropropene	<5.00	ppb
2/3/2009	Tetrachlorethene	<5.00	ppb
2/3/2009	Toluene	<5.00	ppb
2/3/2009	Trichlorethene	<5.00	ppb
2/3/2009	Vinyl Chloride	<5.00	ppb
2/3/2009	Bromofluorobenzene	95	%
2/3/2009	12-Dichloroethane-d4	95.26	%
3/3/2009	p-m xylene	<10.00	ppb
3/3/2009	Bromofluorobenzene	100.2	%
3/3/2009	12-Dichloroethane-d4	100.86	%
3/3/2009	111-Trichloroethane	<5.00	ppb
3/3/2009	1122Tetrachlorethane	<5.00	ppb
3/3/2009	112-Trichloroethane	<5.00	ppb
3/3/2009	1,1-Dichloroethane	<5.00	ppb
3/3/2009	1,1-Dichloroethene	<5.00	ppb
3/3/2009	1,2-Dichlorobenzene	<5.00	ppb
3/3/2009	1,2-Dichloroethane	<5.00	ppb
3/3/2009	1,2-Dichloropropane	<5.00	ppb
3/3/2009	1,3-Dichlorobenzene	<5.00	ppb
3/3/2009	1,4-Dichlorobenzene	<5.00	ppb
3/3/2009	Benzene	<5.00	ppb
3/3/2009	Bromodichloromethane	<5.00	ppb
3/3/2009	Bromoform	<5.00	ppb
3/3/2009	Bromomethane	<5.00	ppb
3/3/2009	CarbonTetrachloride	<5.00	ppb
3/3/2009	Chlorobenzene	<5.00	ppb
3/3/2009	Chloroethane	<5.00	ppb
3/3/2009	Chloroform	<5.00	ppb
3/3/2009	Chloromethane	<5.00	ppb
3/3/2009	cis13Dichloropropene	<5.00	ppb
3/3/2009	Dibromochloromethane	<5.00	ppb
3/3/2009	Ethylbenzene	<5.00	ppb
3/3/2009	Methylene Chloride	<5.00	ppb
3/3/2009	o-xylene	<5.00	ppb
3/3/2009	T-1,2-Dichloroethene	<5.00	ppb
3/3/2009	T-13-Dichloropropene	<5.00	ppb
3/3/2009	Tetrachlorethene	<5.00	ppb
3/3/2009	Toluene	<5.00	ppb
3/3/2009	Trichlorethene	<5.00	ppb

Table 19: EPA Priority Pollutants Data Bucklin Point

Bucklin Point Influent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**
3/3/2009	Bromofluorobenzene	95.14	%
3/3/2009	Toluene-d8	98.54	%
4/7/2009	p-m xylene	<10.00	ppb
4/7/2009	111-Trichloroethane	<5.00	ppb
4/7/2009	1122Tetrachlorethane	<5.00	ppb
4/7/2009	112-Trichloroethane	<5.00	ppb
4/7/2009	1,1-Dichloroethane	<5.00	ppb
4/7/2009	1,1-Dichloroethene	<5.00	ppb
4/7/2009	1,2-Dichlorobenzene	<5.00	ppb
4/7/2009	1,2-Dichloroethane	<5.00	ppb
4/7/2009	1,2-Dichloropropane	<5.00	ppb
4/7/2009	1,3-Dichlorobenzene	<5.00	ppb
4/7/2009	1,4-Dichlorobenzene	<5.00	ppb
4/7/2009	Benzene	<5.00	ppb
4/7/2009	Bromodichloromethane	<5.00	ppb
4/7/2009	Bromoform	<5.00	ppb
4/7/2009	Bromomethane	<5.00	ppb
4/7/2009	CarbonTetrachloride	<5.00	ppb
4/7/2009	Chlorobenzene	<5.00	ppb
4/7/2009	Chloroethane	<5.00	ppb
4/7/2009	Chloroform	<5.00	ppb
4/7/2009	Chloromethane	<5.00	ppb
4/7/2009	cis13Dichloropropene	<5.00	ppb
4/7/2009	Dibromochloromethane	<5.00	ppb
4/7/2009	Ethylbenzene	<5.00	ppb
4/7/2009	Methylene Chloride	<5.00	ppb
4/7/2009	o-xylene	<5.00	ppb
4/7/2009	T-1,2-Dichloroethene	<5.00	ppb
4/7/2009	T-13-Dichloropropene	<5.00	ppb
4/7/2009	Tetrachlorethene	<5.00	ppb
4/7/2009	Toluene	<5.00	ppb
4/7/2009	Trichlorethene	<5.00	ppb
4/7/2009	Vinyl Chloride	<5.00	ppb
4/7/2009	Bromofluorobenzene	94.1	%
4/7/2009	12-Dichloroethane-d4	96.96	%
4/7/2009	Toluene-d8	99.3	%
5/5/2009	p-m xylene	<10.00	ppb
5/5/2009	12-Dichloroethane-d4	102.8	%
5/5/2009	Toluene-d8	102.9	%
5/5/2009	111-Trichloroethane	<5.00	ppb
5/5/2009	1122Tetrachlorethane	<5.00	ppb
5/5/2009	112-Trichloroethane	<5.00	ppb
5/5/2009	1,1-Dichloroethane	<5.00	ppb
5/5/2009	1,1-Dichloroethene	<5.00	ppb
5/5/2009	1,2-Dichlorobenzene	<5.00	ppb
5/5/2009	1,2-Dichloroethane	<5.00	ppb
5/5/2009	1,2-Dichloropropane	<5.00	ppb
5/5/2009	1,3-Dichlorobenzene	<5.00	ppb
5/5/2009	1,4-Dichlorobenzene	<5.00	ppb
5/5/2009	Benzene	<5.00	ppb

Bucklin Point Effluent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**
3/3/2009	Vinyl Chloride	<5.00	ppb
3/3/2009	Toluene-d8	98.08	%
4/7/2009	p-m xylene	<10.00	ppb
4/7/2009	Toluene-d8	101.5	%
4/7/2009	111-Trichloroethane	<5.00	ppb
4/7/2009	1122Tetrachlorethane	<5.00	ppb
4/7/2009	112-Trichloroethane	<5.00	ppb
4/7/2009	1,1-Dichloroethane	<5.00	ppb
4/7/2009	1,1-Dichloroethene	<5.00	ppb
4/7/2009	1,2-Dichlorobenzene	<5.00	ppb
4/7/2009	1,2-Dichloroethane	<5.00	ppb
4/7/2009	1,2-Dichloropropane	<5.00	ppb
4/7/2009	1,3-Dichlorobenzene	<5.00	ppb
4/7/2009	1,4-Dichlorobenzene	<5.00	ppb
4/7/2009	Benzene	<5.00	ppb
4/7/2009	Bromodichloromethane	<5.00	ppb
4/7/2009	Bromoform	<5.00	ppb
4/7/2009	Bromomethane	<5.00	ppb
4/7/2009	CarbonTetrachloride	<5.00	ppb
4/7/2009	Chlorobenzene	<5.00	ppb
4/7/2009	Chloroethane	<5.00	ppb
4/7/2009	Chloroform	<5.00	ppb
4/7/2009	Chloromethane	<5.00	ppb
4/7/2009	cis13Dichloropropene	<5.00	ppb
4/7/2009	Dibromochloromethane	<5.00	ppb
4/7/2009	Ethylbenzene	<5.00	ppb
4/7/2009	Methylene Chloride	<5.00	ppb
4/7/2009	o-xylene	<5.00	ppb
4/7/2009	T-1,2-Dichloroethene	<5.00	ppb
4/7/2009	T-13-Dichloropropene	<5.00	ppb
4/7/2009	Tetrachlorethene	<5.00	ppb
4/7/2009	Toluene	<5.00	ppb
4/7/2009	Trichlorethene	<5.00	ppb
4/7/2009	Vinyl Chloride	<5.00	ppb
4/7/2009	12-Dichloroethane-d4	97.8	%
4/7/2009	Bromofluorobenzene	99.64	%
5/5/2009	p-m xylene	<10.00	ppb
5/5/2009	12-Dichloroethane-d4	100.2	%
5/5/2009	Bromofluorobenzene	102.8	%
5/5/2009	Toluene-d8	105.6	%
5/5/2009	111-Trichloroethane	<5.00	ppb
5/5/2009	1122Tetrachlorethane	<5.00	ppb
5/5/2009	112-Trichloroethane	<5.00	ppb
5/5/2009	1,1-Dichloroethane	<5.00	ppb
5/5/2009	1,1-Dichloroethene	<5.00	ppb
5/5/2009	1,2-Dichlorobenzene	<5.00	ppb
5/5/2009	1,2-Dichloroethane	<5.00	ppb
5/5/2009	1,2-Dichloropropane	<5.00	ppb
5/5/2009	1,3-Dichlorobenzene	<5.00	ppb
5/5/2009	1,4-Dichlorobenzene	<5.00	ppb

Table 19: EPA Priority Pollutants Data Bucklin Point

Bucklin Point Influent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**
5/5/2009	Bromodichloromethane	<5.00	ppb
5/5/2009	Bromoform	<5.00	ppb
5/5/2009	Bromomethane	<5.00	ppb
5/5/2009	CarbonTetrachloride	<5.00	ppb
5/5/2009	Chlorobenzene	<5.00	ppb
5/5/2009	Chloroethane	<5.00	ppb
5/5/2009	Chloroform	<5.00	ppb
5/5/2009	Chloromethane	<5.00	ppb
5/5/2009	cis13Dichloropropene	<5.00	ppb
5/5/2009	Dibromochloromethane	<5.00	ppb
5/5/2009	Ethylbenzene	<5.00	ppb
5/5/2009	Methylene Chloride	<5.00	ppb
5/5/2009	o-xylene	<5.00	ppb
5/5/2009	T-1,2-Dichloroethene	<5.00	ppb
5/5/2009	T-13-Dichloropropene	<5.00	ppb
5/5/2009	Tetrachlorethene	<5.00	ppb
5/5/2009	Toluene	<5.00	ppb
5/5/2009	Trichlorethene	<5.00	ppb
5/5/2009	Vinyl Chloride	<5.00	ppb
5/5/2009	Bromofluorobenzene	98.54	%
6/2/2009	p-m xylene	<10.00	ppb
6/2/2009	111-Trichloroethane	<5.00	ppb
6/2/2009	1122Tetrachlorethane	<5.00	ppb
6/2/2009	112-Trichloroethane	<5.00	ppb
6/2/2009	1,1-Dichloroethane	<5.00	ppb
6/2/2009	1,1-Dichloroethene	<5.00	ppb
6/2/2009	1,2-Dichlorobenzene	<5.00	ppb
6/2/2009	1,2-Dichloroethane	<5.00	ppb
6/2/2009	1,2-Dichloropropane	<5.00	ppb
6/2/2009	1,3-Dichlorobenzene	<5.00	ppb
6/2/2009	1,4-Dichlorobenzene	<5.00	ppb
6/2/2009	Benzene	<5.00	ppb
6/2/2009	Bromodichloromethane	<5.00	ppb
6/2/2009	Bromoform	<5.00	ppb
6/2/2009	Bromomethane	<5.00	ppb
6/2/2009	CarbonTetrachloride	<5.00	ppb
6/2/2009	Chlorobenzene	<5.00	ppb
6/2/2009	Chloroethane	<5.00	ppb
6/2/2009	Chloroform	<5.00	ppb
6/2/2009	Chloromethane	<5.00	ppb
6/2/2009	cis13Dichloropropene	<5.00	ppb
6/2/2009	Dibromochloromethane	<5.00	ppb
6/2/2009	Ethylbenzene	<5.00	ppb
6/2/2009	Methylene Chloride	<5.00	ppb
6/2/2009	o-xylene	<5.00	ppb
6/2/2009	T-1,2-Dichloroethene	<5.00	ppb
6/2/2009	T-13-Dichloropropene	<5.00	ppb
6/2/2009	Tetrachlorethene	<5.00	ppb
6/2/2009	Toluene	<5.00	ppb
6/2/2009	Trichlorethene	<5.00	ppb

Bucklin Point Effluent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**
5/5/2009	Benzene	<5.00	ppb
5/5/2009	Bromodichloromethane	<5.00	ppb
5/5/2009	Bromoform	<5.00	ppb
5/5/2009	Bromomethane	<5.00	ppb
5/5/2009	CarbonTetrachloride	<5.00	ppb
5/5/2009	Chlorobenzene	<5.00	ppb
5/5/2009	Chloroethane	<5.00	ppb
5/5/2009	Chloroform	<5.00	ppb
5/5/2009	Chloromethane	<5.00	ppb
5/5/2009	cis13Dichloropropene	<5.00	ppb
5/5/2009	Dibromochloromethane	<5.00	ppb
5/5/2009	Ethylbenzene	<5.00	ppb
5/5/2009	Methylene Chloride	<5.00	ppb
5/5/2009	o-xylene	<5.00	ppb
5/5/2009	T-1,2-Dichloroethene	<5.00	ppb
5/5/2009	T-13-Dichloropropene	<5.00	ppb
5/5/2009	Tetrachlorethene	<5.00	ppb
5/5/2009	Toluene	<5.00	ppb
5/5/2009	Trichlorethene	<5.00	ppb
5/5/2009	Vinyl Chloride	<5.00	ppb
6/2/2009	p-m xylene	<10.00	ppb
6/2/2009	12-Dichloroethane-d4	101.1	%
6/2/2009	111-Trichloroethane	<5.00	ppb
6/2/2009	1122Tetrachlorethane	<5.00	ppb
6/2/2009	112-Trichloroethane	<5.00	ppb
6/2/2009	1,1-Dichloroethane	<5.00	ppb
6/2/2009	1,1-Dichloroethene	<5.00	ppb
6/2/2009	1,2-Dichlorobenzene	<5.00	ppb
6/2/2009	1,2-Dichloroethane	<5.00	ppb
6/2/2009	1,2-Dichloropropane	<5.00	ppb
6/2/2009	1,3-Dichlorobenzene	<5.00	ppb
6/2/2009	1,4-Dichlorobenzene	<5.00	ppb
6/2/2009	Benzene	<5.00	ppb
6/2/2009	Bromodichloromethane	<5.00	ppb
6/2/2009	Bromoform	<5.00	ppb
6/2/2009	Bromomethane	<5.00	ppb
6/2/2009	CarbonTetrachloride	<5.00	ppb
6/2/2009	Chlorobenzene	<5.00	ppb
6/2/2009	Chloroethane	<5.00	ppb
6/2/2009	Chloroform	<5.00	ppb
6/2/2009	Chloromethane	<5.00	ppb
6/2/2009	cis13Dichloropropene	<5.00	ppb
6/2/2009	Dibromochloromethane	<5.00	ppb
6/2/2009	Ethylbenzene	<5.00	ppb
6/2/2009	Methylene Chloride	<5.00	ppb
6/2/2009	o-xylene	<5.00	ppb
6/2/2009	T-1,2-Dichloroethene	<5.00	ppb
6/2/2009	T-13-Dichloropropene	<5.00	ppb
6/2/2009	Tetrachlorethene	<5.00	ppb
6/2/2009	Toluene	<5.00	ppb

Table 19: EPA Priority Pollutants Data Bucklin Point

Bucklin Point Influent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**
6/2/2009	Vinyl Chloride	<5.00	ppb
6/2/2009	Bromofluorobenzene	93.8	%
6/2/2009	12-Dichloroethane-d4	99.5	%
6/2/2009	Toluene-d8	99.7	%
7/7/2009	p-m xylene	<10.00	ppb
7/7/2009	12-Dichloroethane-d4	100.6	%
7/7/2009	111-Trichloroethane	<5.00	ppb
7/7/2009	1122Tetrachlorethane	<5.00	ppb
7/7/2009	112-Trichloroethane	<5.00	ppb
7/7/2009	1,1-Dichloroethane	<5.00	ppb
7/7/2009	1,1-Dichloroethene	<5.00	ppb
7/7/2009	1,2-Dichlorobenzene	<5.00	ppb
7/7/2009	1,2-Dichloroethane	<5.00	ppb
7/7/2009	1,2-Dichloropropane	<5.00	ppb
7/7/2009	1,3-Dichlorobenzene	<5.00	ppb
7/7/2009	1,4-Dichlorobenzene	<5.00	ppb
7/7/2009	Benzene	<5.00	ppb
7/7/2009	Bromodichloromethane	<5.00	ppb
7/7/2009	Bromoform	<5.00	ppb
7/7/2009	Bromomethane	<5.00	ppb
7/7/2009	CarbonTetrachloride	<5.00	ppb
7/7/2009	Chlorobenzene	<5.00	ppb
7/7/2009	Chloroethane	<5.00	ppb
7/7/2009	Chloromethane	<5.00	ppb
7/7/2009	cis13Dichloropropene	<5.00	ppb
7/7/2009	Dibromochloromethane	<5.00	ppb
7/7/2009	Ethylbenzene	<5.00	ppb
7/7/2009	Methylene Chloride	<5.00	ppb
7/7/2009	o-xylene	<5.00	ppb
7/7/2009	T-1,2-Dichloroethene	<5.00	ppb
7/7/2009	T-13-Dichloropropene	<5.00	ppb
7/7/2009	Tetrachlorethene	<5.00	ppb
7/7/2009	Toluene	<5.00	ppb
7/7/2009	Trichlorethene	<5.00	ppb
7/7/2009	Vinyl Chloride	<5.00	ppb
7/7/2009	Chloroform	5.71	ppb
7/7/2009	Bromofluorobenzene	95.88	%
7/7/2009	Toluene-d8	99.92	%
11/3/2009	111-Trichloroethane	<1.0	ppb
11/3/2009	1122Tetrachlorethane	<1.0	ppb
11/3/2009	112-Trichloroethane	<1.0	ppb
11/3/2009	1,1-Dichloroethane	<1.0	ppb
11/3/2009	1,1-Dichloroethene	<1.0	ppb
11/3/2009	1,2-Dichlorobenzene	<1.0	ppb
11/3/2009	1,2-Dichloroethane	<1.0	ppb
11/3/2009	1,2-Dichloropropane	<1.0	ppb
11/3/2009	1,3-Dichlorobenzene	<1.0	ppb
11/3/2009	Benzene	<1.0	ppb
11/3/2009	Bromodichloromethane	<1.0	ppb
11/3/2009	Bromomethane	<1.0	ppb

Bucklin Point Effluent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**
6/2/2009	Trichlorethene	<5.00	ppb
6/2/2009	Vinyl Chloride	<5.00	ppb
6/2/2009	Bromofluorobenzene	98.6	%
6/2/2009	Toluene-d8	99.1	%
7/7/2009	p-m xylene	<10.00	ppb
7/7/2009	Toluene-d8	100.58	%
7/7/2009	111-Trichloroethane	<5.00	ppb
7/7/2009	1122Tetrachlorethane	<5.00	ppb
7/7/2009	112-Trichloroethane	<5.00	ppb
7/7/2009	1,1-Dichloroethane	<5.00	ppb
7/7/2009	1,1-Dichloroethene	<5.00	ppb
7/7/2009	1,2-Dichlorobenzene	<5.00	ppb
7/7/2009	1,2-Dichloroethane	<5.00	ppb
7/7/2009	1,2-Dichloropropane	<5.00	ppb
7/7/2009	1,3-Dichlorobenzene	<5.00	ppb
7/7/2009	1,4-Dichlorobenzene	<5.00	ppb
7/7/2009	Benzene	<5.00	ppb
7/7/2009	Bromodichloromethane	<5.00	ppb
7/7/2009	Bromoform	<5.00	ppb
7/7/2009	Bromomethane	<5.00	ppb
7/7/2009	CarbonTetrachloride	<5.00	ppb
7/7/2009	Chlorobenzene	<5.00	ppb
7/7/2009	Chloroethane	<5.00	ppb
7/7/2009	Chloroform	<5.00	ppb
7/7/2009	Chloromethane	<5.00	ppb
7/7/2009	cis13Dichloropropene	<5.00	ppb
7/7/2009	Dibromochloromethane	<5.00	ppb
7/7/2009	Ethylbenzene	<5.00	ppb
7/7/2009	Methylene Chloride	<5.00	ppb
7/7/2009	o-xylene	<5.00	ppb
7/7/2009	T-1,2-Dichloroethene	<5.00	ppb
7/7/2009	T-13-Dichloropropene	<5.00	ppb
7/7/2009	Tetrachlorethene	<5.00	ppb
7/7/2009	Toluene	<5.00	ppb
7/7/2009	Trichlorethene	<5.00	ppb
7/7/2009	Vinyl Chloride	<5.00	ppb
7/7/2009	Bromofluorobenzene	97.8	%
7/7/2009	12-Dichloroethane-d4	99.46	%
10/22/2009	111-Trichloroethane	<1.0	ppb
10/22/2009	1122Tetrachlorethane	<1.0	ppb
10/22/2009	112-Trichloroethane	<1.0	ppb
10/22/2009	1,1-Dichloroethane	<1.0	ppb
10/22/2009	1,1-Dichloroethene	<1.0	ppb
10/22/2009	1,2-Dichlorobenzene	<1.0	ppb
10/22/2009	1,2-Dichloroethane	<1.0	ppb
10/22/2009	1,2-Dichloropropane	<1.0	ppb
10/22/2009	1,3-Dichlorobenzene	<1.0	ppb
10/22/2009	1,4-Dichlorobenzene	<1.0	ppb
10/22/2009	Benzene	<1.0	ppb
10/22/2009	Bromodichloromethane	<1.0	ppb

Table 19: EPA Priority Pollutants Data Bucklin Point

Bucklin Point Influent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**
11/3/2009	CarbonTetrachloride	<1.0	ppb
11/3/2009	Chlorobenzene	<1.0	ppb
11/3/2009	Chloroethane	<1.0	ppb
11/3/2009	Chloromethane	<1.0	ppb
11/3/2009	cis13Dichloropropene	<1.0	ppb
11/3/2009	Dibromochloromethane	<1.0	ppb
11/3/2009	Ethylbenzene	<1.0	ppb
11/3/2009	Methylene Chloride	<1.0	ppb
11/3/2009	o-xylene	<1.0	ppb
11/3/2009	T-1,2-Dichloroethene	<1.0	ppb
11/3/2009	T-13-Dichloropropene	<1.0	ppb
11/3/2009	Trichlorethene	<1.0	ppb
11/3/2009	Vinyl Chloride	<1.0	ppb
11/3/2009	12-Dichloroethane-d4	103.56	%
11/3/2009	1,4-Dichlorobenzene	1.05	ppb
11/3/2009	Toluene-d8	113.52	%
11/3/2009	Bromofluorobenzene	115.18	%
11/3/2009	Tetrachlorethene	1.39	ppb
11/3/2009	Toluene	1.85	ppb
11/3/2009	p-m xylene	<2.0	ppb
11/3/2009	Chloroform	2.45	ppb
11/3/2009	Bromoform	<5.0	ppb
12/8/2009	111-Trichloroethane	<1.0	ppb
12/8/2009	1122Tetrachlorethane	<1.0	ppb
12/8/2009	112-Trichloroethane	<1.0	ppb
12/8/2009	1,1-Dichloroethane	<1.0	ppb
12/8/2009	1,1-Dichloroethene	<1.0	ppb
12/8/2009	1,2-Dichlorobenzene	<1.0	ppb
12/8/2009	1,2-Dichloroethane	<1.0	ppb
12/8/2009	1,2-Dichloropropane	<1.0	ppb
12/8/2009	1,3-Dichlorobenzene	<1.0	ppb
12/8/2009	1,4-Dichlorobenzene	<1.0	ppb
12/8/2009	Benzene	<1.0	ppb
12/8/2009	Bromodichloromethane	<1.0	ppb
12/8/2009	Bromomethane	<1.0	ppb
12/8/2009	CarbonTetrachloride	<1.0	ppb
12/8/2009	Chlorobenzene	<1.0	ppb
12/8/2009	Chloroethane	<1.0	ppb
12/8/2009	Chloromethane	<1.0	ppb
12/8/2009	cis13Dichloropropene	<1.0	ppb
12/8/2009	Dibromochloromethane	<1.0	ppb
12/8/2009	Ethylbenzene	<1.0	ppb
12/8/2009	Methylene Chloride	<1.0	ppb
12/8/2009	o-xylene	<1.0	ppb
12/8/2009	T-1,2-Dichloroethene	<1.0	ppb
12/8/2009	T-13-Dichloropropene	<1.0	ppb
12/8/2009	Toluene	<1.0	ppb
12/8/2009	Trichlorethene	<1.0	ppb
12/8/2009	Vinyl Chloride	<1.0	ppb
12/8/2009	p-m xylene	<2.0	ppb

Bucklin Point Effluent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**
10/22/2009	Bromomethane	<1.0	ppb
10/22/2009	CarbonTetrachloride	<1.0	ppb
10/22/2009	Chlorobenzene	<1.0	ppb
10/22/2009	Chloroethane	<1.0	ppb
10/22/2009	Chloroform	<1.0	ppb
10/22/2009	Chloromethane	<1.0	ppb
10/22/2009	cis13Dichloropropene	<1.0	ppb
10/22/2009	Dibromochloromethane	<1.0	ppb
10/22/2009	Ethylbenzene	<1.0	ppb
10/22/2009	Methylene Chloride	<1.0	ppb
10/22/2009	o-xylene	<1.0	ppb
10/22/2009	T-1,2-Dichloroethene	<1.0	ppb
10/22/2009	T-13-Dichloropropene	<1.0	ppb
10/22/2009	Tetrachlorethene	<1.0	ppb
10/22/2009	Toluene	<1.0	ppb
10/22/2009	Trichlorethene	<1.0	ppb
10/22/2009	Vinyl Chloride	<1.0	ppb
10/22/2009	Bromofluorobenzene	102	%
10/22/2009	Toluene-d8	103	%
10/22/2009	p-m xylene	<2.0	ppb
10/22/2009	Bromoform	<5.0	ppb
10/22/2009	12-Dichloroethane-d4	98	%
11/3/2009	111-Trichloroethane	<1.0	ppb
11/3/2009	1122Tetrachlorethane	<1.0	ppb
11/3/2009	112-Trichloroethane	<1.0	ppb
11/3/2009	1,1-Dichloroethane	<1.0	ppb
11/3/2009	1,1-Dichloroethene	<1.0	ppb
11/3/2009	1,2-Dichlorobenzene	<1.0	ppb
11/3/2009	1,2-Dichloroethane	<1.0	ppb
11/3/2009	1,2-Dichloropropane	<1.0	ppb
11/3/2009	1,3-Dichlorobenzene	<1.0	ppb
11/3/2009	1,4-Dichlorobenzene	<1.0	ppb
11/3/2009	Benzene	<1.0	ppb
11/3/2009	Bromodichloromethane	<1.0	ppb
11/3/2009	Bromomethane	<1.0	ppb
11/3/2009	CarbonTetrachloride	<1.0	ppb
11/3/2009	Chlorobenzene	<1.0	ppb
11/3/2009	Chloroethane	<1.0	ppb
11/3/2009	Chloroform	<1.0	ppb
11/3/2009	Chloromethane	<1.0	ppb
11/3/2009	cis13Dichloropropene	<1.0	ppb
11/3/2009	Dibromochloromethane	<1.0	ppb
11/3/2009	Ethylbenzene	<1.0	ppb
11/3/2009	Methylene Chloride	<1.0	ppb
11/3/2009	o-xylene	<1.0	ppb
11/3/2009	T-1,2-Dichloroethene	<1.0	ppb
11/3/2009	T-13-Dichloropropene	<1.0	ppb
11/3/2009	Tetrachlorethene	<1.0	ppb
11/3/2009	Toluene	<1.0	ppb
11/3/2009	Trichlorethene	<1.0	ppb

Table 19: EPA Priority Pollutants Data Bucklin Point

Bucklin Point Influent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**
12/8/2009	Tetrachlorethene	3.25	ppb
12/8/2009	Chloroform	3.72	ppb
12/8/2009	Bromoform	<5.0	ppb
12/8/2009	Bromofluorobenzene	93.64	%
12/8/2009	Toluene-d8	95.22	%
12/8/2009	12-Dichloroethane-d4	95.26	%

Bucklin Point Effluent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**
11/3/2009	Vinyl Chloride	<1.0	ppb
11/3/2009	12-Dichloroethane-d4	103.12	%
11/3/2009	Toluene-d8	108.46	%
11/3/2009	Bromofluorobenzene	109.52	%
11/3/2009	p-m xylene	<2.0	ppb
11/3/2009	Bromoform	<5.0	ppb
11/24/2009	111-Trichloroethane	<1.0	ppb
11/24/2009	1122Tetrachlorethane	<1.0	ppb
11/24/2009	112-Trichloroethane	<1.0	ppb
11/24/2009	1,1-Dichloroethane	<1.0	ppb
11/24/2009	1,1-Dichloroethene	<1.0	ppb
11/24/2009	1,2-Dichlorobenzene	<1.0	ppb
11/24/2009	1,2-Dichloroethane	<1.0	ppb
11/24/2009	1,2-Dichloropropane	<1.0	ppb
11/24/2009	1,3-Dichlorobenzene	<1.0	ppb
11/24/2009	1,4-Dichlorobenzene	<1.0	ppb
11/24/2009	Benzene	<1.0	ppb
11/24/2009	Bromodichloromethane	<1.0	ppb
11/24/2009	Bromomethane	<1.0	ppb
11/24/2009	CarbonTetrachloride	<1.0	ppb
11/24/2009	Chlorobenzene	<1.0	ppb
11/24/2009	Chloroethane	<1.0	ppb
11/24/2009	Chloroform	<1.0	ppb
11/24/2009	Chloromethane	<1.0	ppb
11/24/2009	cis13Dichloropropene	<1.0	ppb
11/24/2009	Dibromochloromethane	<1.0	ppb
11/24/2009	Ethylbenzene	<1.0	ppb
11/24/2009	Methylene Chloride	<1.0	ppb
11/24/2009	o-xylene	<1.0	ppb
11/24/2009	T-1,2-Dichloroethene	<1.0	ppb
11/24/2009	T-13-Dichloropropene	<1.0	ppb
11/24/2009	Tetrachlorethene	<1.0	ppb
11/24/2009	Toluene	<1.0	ppb
11/24/2009	Trichlorethene	<1.0	ppb
11/24/2009	Vinyl Chloride	<1.0	ppb
11/24/2009	12-Dichloroethane-d4	107	%
11/24/2009	Bromofluorobenzene	116	%
11/24/2009	Toluene-d8	117	%
11/24/2009	p-m xylene	<2.0	ppb
11/24/2009	Bromoform	<5.0	ppb
12/8/2009	111-Trichloroethane	<1.0	ppb
12/8/2009	1122Tetrachlorethane	<1.0	ppb
12/8/2009	112-Trichloroethane	<1.0	ppb
12/8/2009	1,1-Dichloroethane	<1.0	ppb
12/8/2009	1,1-Dichloroethene	<1.0	ppb
12/8/2009	1,2-Dichlorobenzene	<1.0	ppb
12/8/2009	1,2-Dichloroethane	<1.0	ppb
12/8/2009	1,2-Dichloropropane	<1.0	ppb
12/8/2009	1,3-Dichlorobenzene	<1.0	ppb
12/8/2009	1,4-Dichlorobenzene	<1.0	ppb

Table 19: EPA Priority Pollutants Data Bucklin Point

Bucklin Point Influent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**

Bucklin Point Effluent Grab Samples			
Sample Date	**Parameter**	**Result**	**Units**
12/8/2009	Benzene	<1.0	ppb
12/8/2009	Bromodichloromethane	<1.0	ppb
12/8/2009	Bromomethane	<1.0	ppb
12/8/2009	CarbonTetrachloride	<1.0	ppb
12/8/2009	Chlorobenzene	<1.0	ppb
12/8/2009	Chloroethane	<1.0	ppb
12/8/2009	Chloromethane	<1.0	ppb
12/8/2009	cis13Dichloropropene	<1.0	ppb
12/8/2009	Dibromochloromethane	<1.0	ppb
12/8/2009	Ethylbenzene	<1.0	ppb
12/8/2009	Methylene Chloride	<1.0	ppb
12/8/2009	o-xylene	<1.0	ppb
12/8/2009	T-1,2-Dichloroethene	<1.0	ppb
12/8/2009	T-13-Dichloropropene	<1.0	ppb
12/8/2009	Tetrachlorethene	<1.0	ppb
12/8/2009	Toluene	<1.0	ppb
12/8/2009	Trichlorethene	<1.0	ppb
12/8/2009	Vinyl Chloride	<1.0	ppb
12/8/2009	Chloroform	1.39	ppb
12/8/2009	p-m xylene	<2.0	ppb
12/8/2009	Bromoform	<5.0	ppb
12/8/2009	Bromofluorobenzene	96.88	%
12/8/2009	Toluene-d8	97.08	%
12/8/2009	12-Dichloroethane-d4	98.08	%

		Cadmium (ppb)	Chromium (ppb)	Copper (ppb)	Lead (ppb)	Mercury (ppb)	Nickel (ppb)	Silver (ppb)	Zinc (ppb)	Molybdenum (ppb)	Selenium (ppb)	Tin (ppb)	Arsenic (ppb)	Cyanide (ppb)	TSS (ppm)	BOD (ppm)
3/3/2009	FS43 - Washington Avenue	0.217	2.48	41.6	32.5	57.1	4.64	0.251	124	0.983	1.5	1.9	0.845	4	207	266.4
3/10/2009	FS34 - Oak Street	0.0875	1.44	12.7	7.96	21.3	3.58	0.105	48.4	0.574	1.5	1	0.83	4	134	
3/31/2009	FS26 - 167 Vermont Avenue	0.0905	1.5	27.1	15.6	65.1	3.47	0.129	62	0.758	0.669	0.918	0.598	2.14	142	241.5
4/7/2009	BS03 - Bucklin Point Sanitary Manhole	0.0591	0.714	14.5	3.27	14.3	1.75	0.0549	42.1	0.306	1.5	1.55	0.467	4	62	34.8
4/14/2009	FS13 - Greystone Street	0.0911	1	4.41	0.931	6.92	2.51	0.0312	17.9	0.4	3	1	0.71	4	62	39.5
4/28/2009	FS01 - Regent Ave at Huron	0.105	0.915	10.2	3.83	19.6	2.46	0.0644	38.8	0.367	1.5	1.16	2.39	4	62	102.04
5/12/2009	BS10 - Bucklin Point Sanitary Manhole	0.134	2.48	38.2	11	63.7	3.46	0.239	103	0.762	1.5	2.97	1.54	4	138	210
5/26/2009	BS12 - Bucklin Point Sanitary Manhole	0.102	2	31.5	68.7	47.2	3.64	0.104	92.7	0.873	1.5	1.9	1.92	4	106	266
6/2/2009	FS14 - Teakwood Drive	0.1	1.31	40	5.47	30.5	3.55	0.214	84.3	0.624	1.5	1	1.62	4	135	149.6
6/16/2009	FS33 - Ellery Street	0.0977	1.74	14.2	8.03	56.9	5.36	0.0432	63.4	0.74	1.5	1.08	1.35	4	211	336
6/23/2009	BS04 - Bucklin Point Sanitary Manhole	0.294	5.57	48.6	15.5	170	8.51	0.5	192	1.58	1.5	3.99	0.99	4	389	198
6/30/2009	FS24 - 180 Indiana Avenue	0.204	2.69	44.8	23.2	78.9	8.77	0.247	133	1.26	0.69	2.11	0.865	4	273	402.1
7/21/2009	FS17 - Ohio Avenue	0.066	1.42	22.5	7.45	22.8	4.41	0.165	37.8	0.742	1.5	4.34	0.479	4	99	95.9
7/28/2009	FS42 - Ford St	0.217	2.34	24.2	26.7	63.1	6.9	0.752	226	0.683	1.5	3.18	0.667	4	284	296.4
8/11/2009	BS05 - Bucklin Point Sanitary Manhole	0.129	1.91	9910	3.34	42	6.36	0.291	163	0.937	1.94	1	0.968	4	228	234.6
8/18/2009	FS19 - California Avenue	0.135	1.61	28.2	15.7	82	4.38	0.145	174	0.648	3.02	2.13	0.925	4	137	274.1
8/25/2009	BS13 - Bucklin Point Sanitary Manhole	0.0656	1.19	25.6	1.62	18.4	3.66	0.0881	87.6	0.461	1.5	1.41	0.596	4	105	125.9
9/1/2009	FS41 - Bellevue Avenue	0.369	14.3	48.8	15.4	67.2	24	1.03	206	2.48	1.5	4.47	1.34	20	131	494.1
9/8/2009	BS26 - Bucklin Point Sanitary Manhole	0.196	4.43	26.6	8.91		10.3	0.405	36.9	0.804	3	3.15	1.16			
9/12/2009	BS13 - Bucklin Point Sanitary Manhole	0.0998	1.61	54.6	2.91	26	11.9	0.114	92	0.608	1.5	1	1.51	4	69	269.9
9/22/2009	FS37 - Whittier	0.13	1.43	29.2	15.7	54.1	9.03	0.29	104	1.02	1.5	1.44	0.744	4.8	403	386.9
9/29/2009	BS23 - Bucklin Point Sanitary Manhole	0.211	2.45	30.6	22	89.1	10.2	0.466	105	0.56	1.5	1.2	0.998	4	225	505
10/6/2009	FS43 - Washington Avenue	0.118	2.15	20.7	32.1	26.9	5.58	0.0605	84.4	0.699	1.5	1.53	0.675	4	171	262
10/13/2009	BS17 - Bucklin Point Sanitary Manhole	0.565	5.26	86.6	26.2	23.1	38.1	1.41	345	1.88	3	5.09	1.24	4.54	1000	661.6
10/27/2009	BS12 - Bucklin Point Sanitary Manhole	0.182	4.09	38.4	9.06	38.6	7.04	0.935	112	0.755	1.5	2.54	0.976	6.72		
11/10/2009	FS32 - Gillen Avenue at Florence	0.13	3.28	27.2	11.7	19.6	4.98	0.307	69.8	0.591	1.5	2.83	0.582	4	168	196.7
11/16/2009	FS19 - California Avenue															
11/17/2009	BS19 - Bucklin Point Sanitary Manhole	0.152	5.18	40.9	5.44	50.2	10.9	0.688	79.4	0.939	1.5	3.15	0.731	4	152	275.8
12/1/2009	BS02 - Bucklin Point Sanitary Manhole	0.106	2.02	78.5	6.74	19.6	6.46	0.162	94.4	0.759	1.5	1	0.527	2	258	221.1
12/15/2009	FS30 - Vermont Avenue	0.122	38.2	30.2	30.1	39.7	16.3	0.0652	89.3	0.82	1.5	2.01	0.615	4	188	299
	Geomeans	0.14	2.43	35.04	10.09	37.83	6.16	0.20	89.08	0.76	1.58	1.85	0.91	4.16	164.31	219.48

User Sample Results

Date Range: 1-Jan-2009 - 31-Dec-2009 Region: ALL Significant: ALL Year: Compliant: Inspection:

User Name	Location	Cat. #	Sample Date	Type	Flow	Volume	Cd	Cr	Cu	Pb	Ni	Zn	Cn	Ag	BOD	TSS	TTO	Total O & G	Misc
A & F Plating Company	Sample Location # 1	11	2/16/2009	C	1069		0.015	0.075	0.78	0.075	2.226	0.124	0.12	0.025					
A & F Plating Company	Sample Location # 1	11	3/24/2009	C	500		0.015	0.075	0.334	0.075	0.796	0.06	0.079	0.025					
A & F Plating Company	Sample Location # 1	11	6/11/2009	C	4488		0.015	0.075	0.143	0.075	0.21	0.06	0.2	0.025					
A & F Plating Company	Sample Location # 1	11	7/27/2009	C	1100		0.003	0.01	0.229	0.041	0.457	0.054	0.074	0.004					
A. Harrison & Company, Inc.	Sample Location # 1	22	4/28/2009	G			0.015	0.075	0.123	0.075	0.05	0.356	0.024	0.025			0.195	8.37	
A. Harrison & Company, Inc.	Sample Location # 1	22	10/1/2009	G			0.015	0.075	0.02	0.075	0.05	0.06	0.02	0.025			0	4.5	
A.T. Cross Company	Sample Location # 2	59	9/8/2009	G			0.015	0.075	0.101	0.075	0.05	0.06		0.025					
A.T. Cross Company	Sample Location # 3	59	9/8/2009	G			0.015	0.07	0.195	0.08	0.05	0.06		0.025					
A.T. Cross Company	Sample Location # 2	59	9/23/2009	G			0.015	0.075	0.141	0.075	0.05	0.06		0.025					
A.T. Cross Company	Sample Location # 3	59	9/23/2009	G			0.014	0.067	0.178	0.08	0.05	0.028		0.017					
Accent Plating Company	Sample Location # 1	11	3/23/2009	C	1247		0.015	0.075	0.076	0.075	0.05	0.06	0.009	0.02					
Accent Plating Company	Sample Location # 1	11	6/11/2009	C	1356		0.015	0.075	0.026	0.075	0.05	0.06	0.016	0.02					
AG&G Incorporated	Sample Location # 1	11	1/14/2009	C	1795		0.015	0.075	0.334	0.075	0.05	0.078	0.019	0.042					
AG&G Incorporated	Sample Location # 1	11	5/20/2009	C	2094		0.015	0.105	0.525	0.075	0.585	0.119	0.004	0.091					
Al-Jac Produce	Sample Location # 1	81	3/12/2009	C											11610	4157			
Al-Jac Produce	Sample Location # 1	81	5/4/2009	C											4543.8	1725			
Al-Jac Produce	Sample Location # 1	81	8/26/2009	C											6288	4003			
Alpha Plating & Metallizing	Sample Location # 1	11	1/12/2009	C			0.015	0.075	0.156	0.075	0.157	0.06	0.359	0.025					
Alpha Plating & Metallizing	Sample Location # 1	11	6/1/2009	C	7800		0.015	0.075	0.182	0.075	0.195	0.06	0.214	0.025					
Angelica Textile Service	Sample Location # 1	25	2/26/2009	C											244.6	62		31.86	
Angelica Textile Service	Sample Location # 1	25	6/18/2009	C											253	62		16	
Armbrust International, Ltd.	Sample Location # 1	11	2/23/2009	C	6283		0.015	0.075	0.312	0.075	0.907	0.141	0.164	0.445					
Armbrust International, Ltd.	Sample Location # 1	11	4/15/2009	C	6956		0.015	0.075	0.054	0.075	4.185	0.105	0.039	0.083					
Armbrust International, Ltd.	Sample Location # 1	11	7/22/2009	C	8004		0.003	0.01	0.155	0.045			0.004						
Aspen Aerogels Rhode Island, LLC	Sample Location # 1	27	3/23/2009	G		5	0.015	0.075	0.074	0.075	0.05	0.086		0.025	220.6	86	0.212	4.5	
Aspen Aerogels Rhode Island, LLC	Sample Location # 1	27	6/12/2009	G	0		0.015	0.075	0.081	0.075	0.05	0.096		0.02	170	36	0.057	4.5	
Austin Metal Finishing Inc.	Sample Location # 1	11	5/5/2009	G			0.015	0.075	0.02	0.075	0.212	0.368	0.239	0.02				4.5	
Austin Metal Finishing Inc.	Sample Location # 1	11	10/7/2009	G		700	0.01	0.21	0.15	0.04	0.1	0.28	0.52	0.013				10	
Autocrat, Inc.	Sample Location # 1	34	3/25/2009	C											1891.4	398			
Autocrat, Inc.	Sample Location # 1	34	8/6/2009	C											4089	144			
B. Deltoro & Sons, Inc.	Sample Location # 1	81	3/9/2009	C											12300	18140			
B. Deltoro & Sons, Inc.	Sample Location # 1	81	5/4/2009	C											2480.5	5740			
Bliss Manufacturing	Sample Location # 1	11	1/12/2009	C			0.015	0.075	0.044	0.075	0.05	0.06	0.001	0.025					
Bliss Manufacturing	Sample Location # 1	11	5/11/2009	C	87		0.015	0.075	0.1	0.075	0.05	0.06	0.002	0.025					
Bliss Manufacturing	Sample Location # 1	11	11/24/2009	C	540		0.015	0.075	0.119	0.075	0.05	0.06	0.013	0.025					
Bunge North America (East), LLC	Sample Location # 1	34	1/8/2009	C	1500													12.45	
Bunge North America (East), LLC	Sample Location # 1	34	3/30/2009	C	28000										273.1	22		19.63	
C&C Rhode Island, LLC	Sample Location # 1	11	1/5/2009	C			0.018	0.063		0.063									
C&C Rhode Island, LLC	Sample Location # 1	11	5/28/2009	C	9275		0.015	0.075		0.075				0.025					T.RES.CHLORINE = .006
C&J Jewelry Company, Inc.	Sample Location # 1	11	2/16/2009	C	7300		0.015	0.075	0.054	0.075	0.05	0.06	0.004	0.026					
C&J Jewelry Company, Inc.	Sample Location # 1	11	6/15/2009	C	2500		0.015	0.075	0.036	0.075	0.05	0.06	0.007	0.025					
Cadence, Inc.	Sample Location # 1	72	3/17/2009	G		600	0.015	0.075	1.517	0.075	0.298	1.409	0.006	0.025			0.001	4.87	
Cadence, Inc.	Sample Location # 1	72	6/3/2009	G		600	0.027	0.09	1.519	0.075	0.588	0.605	0.004	0.025			0.1	15.63	
Cadence, Inc.	Sample Location # 1	72	7/8/2009	G		900	0.015	0.075	0.02	0.075	0.05	0.06	0.004	0.025					
Callico Metals	Sample Location # 1	12	3/31/2009	C	75		0.015	0.075	0.02	0.075	0.05	0.06	0.004	0.025			0.02	4.5	
Callico Metals	Sample Location # 1	12	9/29/2009	C	2475		0.015	0.075	0.02	0.075	0.05	0.06	0.004	0.025				4.5	
Charisma Manufacturing	Sample Location # 1	11	4/2/2009	G	0		0.015	0.075	0.081	0.08	0.184	0.073	0.004	0.025					
Charisma Manufacturing	Sample Location # 1	11	8/17/2009	G	0		0.005	0.016	0.761	0.01	0.793	0.44	0.004	0.004					
Chemart Company	Sample Location # 1	11	3/12/2009	C	9500		0.015	0.075	0.378	0.075	0.352	0.117	0.004	0.025					

User Name	Location	Cat. #	Sample Date	Type	Flow	Volume	Cd	Cr	Cu	Pb	Ni	Zn	Cn	Ag	BOD	TSS	TTO	Total O & G	Misc
Chemart Company	Sample Location #3	11	3/12/2009	G		50	0.015	0.075	0.02	0.075	0.05	0.06		10					
Chemart Company	Sample Location #3	11	4/6/2009	G		15	0.015	0.075	0.02	0.075	0.05	0.06		0.025					
Chemart Company	Sample Location # 1	11	6/15/2009	C	8500		0.015	0.075	0.259	0.075	0.255	0.06	0.004	0.025					
Chemart Company	Sample Location #3	11	6/15/2009	G	5		0.015	0.075	0.02	0.075	0.05	0.06	0.001	0.025					
Cintas, Inc.	Sample Location # 1	25	5/20/2009	C	52216		0.013	0.048	0.075	0.052			0.031		402				
Cintas, Inc.	Sample Location # 1	25	9/23/2009	C	38463		0.018	0.063	0.108	0.063			0.007		314.25				
Clayton Company & Claverick Realty	Sample Location # 1	11	5/19/2009	C	540		0.015	0.075	0.02	0.075	0.05	0.06	0.005	0.025					
Clayton Company & Claverick Realty	Sample Location # 1	11	9/9/2009	C	509		0.015	0.075	0.02	0.075	0.05	0.06	0.004	0.025					
Collegium Pharmaceutical	Sample Location # 1	14	2/18/2009	G		361	0.015	0.082	0.095	0.075	0.05	0.07	0.004	0.025	167.8	27	0.818	11.54	ACETONE = .8, ETHYL ACETATE = .1, ISOPROPYL ACETATE = .01, METHYLENE CHLORIDE = .005, N-AMYL ACETATE = .01
Collegium Pharmaceutical	Sample Location # 1	14	9/28/2009	G		437	0.015	0.075	0.107	0.075	0.05	0.114	0.008	0.025	6676.8	79	0.261	75	ACETONE = .1, ETHYL ACETATE = .1, ISOPROPYL ACETATE = .1, METHYLENE CHLORIDE = .05, N-AMYL ACETATE = .1
Conopco - O'Toole Site	Sample Location # 1	40	4/14/2009	C	82700												0.028		
Conopco - O'Toole Site	Sample Location # 1	40	11/16/2009	C	79700												0.026		
Contract Specialties, Inc.	Sample Location # 1	11	1/5/2009	C	5212		0.015	0.075	0.048	0.075	0.05	0.06	0.003	0.025					
Contract Specialties, Inc.	Sample Location # 1	11	6/4/2009	C	4092		0.015	0.075	0.144	0.075	0.05	0.06	0.003	0.025					
Crisloid, Inc.	Sample Location # 1	21	4/6/2009	G			0.015	0.075	0.02	0.075	0.05	0.06		0.025	83.6	10			
Crisloid, Inc.	Sample Location # 1	21	8/28/2009	G			0.002	0.01	0.01	0.012	0.01	0.012		0.004	1.6	20			
Darlene Group	Sample Location # 1	11	1/12/2009	C	396		0.015	0.075	0.082	0.075	0.05	0.06	0.001	0.025					
Darlene Group	Sample Location # 1	11	5/11/2009	C	809		0.015	0.075	0.065	0.075	0.05	0.06	0	0.025					
Darlene Group	Sample Location # 1	11	11/24/2009	C	650		0.015	0.075	0.062	0.075	0.05	0.06	0.001	0.025					
Denison Pharmaceuticals Inc.	Sample Location # 1	14	3/5/2009	G		500	0.015	0.075	0.123	0.078	0.05	0.473		0.025	5613.5	24	110.01	5.56	ETHYL ACETATE = .01, ISOPROPYL ACETATE = .01, METHYLENE CHLORIDE = .005, N-AMYL ACETATE = .01, ACETONE = 110
Denison Pharmaceuticals Inc.	Sample Location # 1	14	9/21/2009	G		500	0.015	0.075	0.093	0.075	0.05	0.486		0.025	5697.1	753	120.19	34.66	ACETONE = 120, ETHYL ACETATE = .01, ISOPROPYL ACETATE = .01, METHYLENE CHLORIDE = .012, N-AMYL ACETATE = .01
DiFruscia Industries, Inc.	Sample Location # 1	11	1/22/2009	C	3067		0.015	0.544		0.075	0.562	0.104	0.007	0.025					
DiFruscia Industries, Inc.	Sample Location # 1	11	3/30/2009	C	4114		0.015	0.075	0.085	0.075	0.486	0.06	0.016	0.025					
DiFruscia Industries, Inc.	Sample Location # 1	11	6/8/2009	C	2169		0.015	0.075	0.02	0.075	0.056	0.06	0.002	0.025					
DiFruscia Industries, Inc.	Sample Location # 1	11	12/10/2009	C	4275		0.015	0.181	0.516	0.075	0.173	0.277	0.004	0.025					
Dominion Energy Manchester Street, Inc.	Sample Location # 1	27	4/16/2009	C	93440			0.075		0.08				0.025					
Dominion Energy Manchester Street, Inc.	Sample Location # 1	27	8/26/2009	C	97765		0.003	0.019	0.01	0.01	0.017	0.033		0.004					
E&M Enterprises, LTD	Sample Location # 1	11	1/22/2009	C	1490		0.015	0.075	0.623	0.075	1.134	0.06	0.602	0.025					
E&M Enterprises, LTD	Sample Location # 1	11	6/1/2009	C	3240		0.015	0.075	0.268	0.075	0.055	0.06	0.044	0.025					
Eagle Plating Company, Inc.	Sample Location # 1	11	1/14/2009	C	1122		0.015	0.075	0.02	0.075	0.05	0.06	0.131	0.025					TOTAL METAL-EPA = .21
Eagle Plating Company, Inc.	Sample Location # 1	11	5/21/2009	C	1047		0.015	0.075	0.02	0.075	0.05	0.06	0.016	0.025					TOTAL METAL-EPA = .21
Eastern Color & Chemical Co.	Sample Location # 1	22	1/28/2009	C	524		0.015	0.075	0.032	0.075	0.05	0.203		0.025	1534.3	65	0.025	73.75	
Eastern Color & Chemical Co.	Sample Location # 1	22	6/10/2009	C	478		0.015	0.075	0.02	0.075	0.05	0.06		0.025	74	6	0.005	21.19	
Eastern Screw Company	Sample Location # 1	26	4/21/2009	G		800	0.015	0.075	0.02	0.075	0.436	0.101		0.025				4.5	OIL & GREASE = 4.5
Eastern Screw Company	Sample Location # 1	26	9/25/2009	G			0.015	0.075	0.026	0.075	0.266	0.06		0.025				7.25	
Ecological Fibers - Pawtucket	Sample Location # 1	24	3/19/2009	C	2600		0.015	0.075	0.02	0.075	0.05	0.16		0.025	108	40	0.006		
Ecological Fibers - Pawtucket	Sample Location # 1	24	6/29/2009	C			0.015	0.075	0.02	0.075	0.055	0.678		0.025	562	17	0.01		
Electrolizing, Inc.	Sample Location # 1	11	1/26/2009	C	2693		0.09	0.939	0.04	0.075	0.05	2.269	0.001	0.025					
Electrolizing, Inc.	Sample Location # 1	11	5/11/2009	C	3900		0.031	0.31	0.02	0.075	0.05	1.154	0.041	0.025					
Evans Plating Corporation (N.P.)	Sample Location # 1	11	2/12/2009	C	1650		0.061	3.481	1.35	0.075	0.392	0.46	0.193	0.379					
Evans Plating Corporation (N.P.)	Sample Location # 1	11	4/8/2009	C	1670		0.015	0.075	0.02	0.075	0.05	0.06	0.004	0.025					

User Name	Location	Cat. #	Sample Date	Type	Flow	Volume	Cd	Cr	Cu	Pb	Ni	Zn	Cn	Ag	BOD	TSS	TTO	Total O & G	Misc
Evans Plating Corporation (N.P.)	Sample Location # 1	11	8/3/2009	C	1910		0.015	0.075	0.02	0.075	0.05	0.287	0.004	0.025					
Fujifilm Electronic Materials USA, Inc.	Sample Location # 1	22	3/25/2009	C	124		0.015	0.075	0.04	0.08	0.05	0.077		0.025	339.9	62	140	4.5	
Fujifilm Electronic Materials USA, Inc.	Sample Location # 2	22	4/8/2009	G		1925	0.015	0.075	0.45	0.08	0.05	0.532		0.025					
Fujifilm Electronic Materials USA, Inc.	Sample Location # 1	22	9/21/2009	C	755		0.015	0.075	0.02	0.08	0.05	0.132		0.025	13.8	4	0.001	8.96	
Fujifilm Electronic Materials USA, Inc.	Sample Location # 2	22	10/1/2009	G		1910	0.015	0.075	0.206	0.08	0.05	0.703		0.025					
G. Tanury Plating Company	Sample Location # 1	11	1/27/2009	C	42711		0.015	0.075	0.317	0.075	0.2	0.088	0.002	0.025					TOTAL METAL-EPA = .68
G. Tanury Plating Company	Sample Location # 1	11	5/18/2009	C	48545		0.015	0.075	0.54	0.075	1.284	0.06	0.003	0.027					TOTAL METAL-EPA = 1.959
G. Tanury Plating Company	Sample Location # 1	11	7/13/2009	C	40991		0.015	0.075	0.981	0.075	0.32	0.06	0.004	0.038					TOTAL METAL-EPA = 1.44
General Cable Industries, LLC	Sample Location # 1	27	3/25/2009	C			0.015	0.075	0.243	0.075	0.05	0.733		0.025	1057.1	46		27.8	
General Cable Industries, LLC	Sample Location # 1	27	10/7/2009	C	2124		0.015	0.075	0.784	0.075	0.05	0.514		0.025	327.5	40		9.27	
General Plating Company	Sample Location # 1	11	1/14/2009	C	299		0.015	0.075	0.706	0.08	0.253	0.06	0.559	0.046					TOTAL METAL-EPA = 1.09
General Plating Company	Sample Location # 1	11	5/21/2009	C	105		0.015	0.075	1.214	0.08	0.484	0.173	0.321	0.098					TOTAL METAL-EPA = 1.95
George H. Fuller & Son	Sample Location # 1	11	1/26/2009	C	728		0.014	0.067	0.156	0.08	0.312	0.152	0.022	0.065					
George H. Fuller & Son	Sample Location # 1	11	6/8/2009	C	726		0.015	0.075	0.07	0.08	0.572	0.06	0.003	0.022					
Herff Jones, Inc.	Sample Location # 1	11	2/2/2009	C	4787		0.015	0.128	0.048	0.075	0.057	0.06	0.002	0.025					
Herff Jones, Inc.	Sample Location # 1	11	6/8/2009	C	4488		0.015	0.075	0.081	0.075	0.05	0.06	0.005	0.052					
Hillview Auto Body	Sample Location # 1	97	4/6/2009	G			0.015	0.075	0.037	0.08	0.05	0.315		0.025			0.025	11.28	
Hillview Auto Body	Sample Location # 1	97	9/21/2009	G			0.014		0.152		0.05			0.017				8.505	
Honeywell Sensing and Controls	Sample Location # 1	72	4/20/2009	C	4937		0.014	0.683	0.702	0.08	1.091	0.028	0.005	0.017					
Honeywell Sensing and Controls	Sample Location # 1	72	7/27/2009	C	374		0.003	0.045	0.045	0.01	0.089	0.013	0.002	0.005					
Hord Crystal Corporation	Sample Location # 1	11	1/26/2009	G		190	0.015	0.075	0.02	0.075	0.05	12.49	0.03	0.025					
Hord Crystal Corporation	Sample Location # 1	11	3/9/2009	G		300	0.015	0.075	0.02	0.075	0.05	1.52	0.065	0.025					
Hord Crystal Corporation	Sample Location # 1	11	8/20/2009	G			0.002	0.01	0.242	0.01	0.01	0.015	0.183	0.027					
Ideal Plating & Polishing Co., Inc.	Sample Location # 1	11	3/11/2009	C	2768		0.027	0.609	0.438	0.075	0.53	0.196	0.013	0.025					
Ideal Plating & Polishing Co., Inc.	Sample Location # 1	11	6/8/2009	C	2693		0.019	0.445	0.591	0.075	1.258	0.236	0.684	0.025					
Impco, Inc.	Sample Location # 1	27	3/25/2009	C	1807		0.015	0.075	0.02	0.08	0.05	0.06	0.028	0.025					VOC = .033
Impco, Inc.	Sample Location # 1	27	7/20/2009	G	5800		0.015	0.075	0.02	0.08	0.05	0.06	0.005	0.025					VOC = .004
Induplate LLC	Sample Location # 1	11	1/27/2009	C	5745		0.015	0.075	0.048	0.08	0.089	1.202	0.005	0.025					
Induplate LLC	Sample Location # 1	11	5/18/2009	C			0.015	0.101	0.02	0.08	0.054	0.52	0.004	0.025					
International Chromium Plating	Sample Location # 1	11	3/12/2009	C	1496		0.015	0.603	0.034	0.075	0.213	0.256	0.215	0.025					TOTAL METAL-EPA = 1.11
International Chromium Plating	Sample Location # 1	11	11/2/2009	C	2394		0.015	0.124	0.02	0.075	0.05	0.06	0.084	0.02					TOTAL METAL-EPA = .25
International Etching, Inc.	Sample Location # 1	11	2/16/2009	C	354		0.014	0.067	0.025	0.08	0.05	0.028	0.004	0.017					
International Etching, Inc.	Sample Location # 1	11	6/15/2009	C	468		0.015	0.075	0.02	0.08	0.05	0.06	0.004	0.025					
International Insignia Corporation	Sample Location # 1	11	1/12/2009	C	5200		0.015	0.075	0.938	0.08	1.203	0.297	0.013	0.025					
International Insignia Corporation	Sample Location # 1	11	6/17/2009	C	4500		0.015	0.075	0.314	0.08	0.734	0.164	0.008	0.025					
Interplex Engineered Products, Inc.	Sample Location # 1	11	3/17/2009	C	6529		0.015	0.075	0.02	0.075	0.111	0.06	0.01	0.025					
Interplex Engineered Products, Inc.	Sample Location # 1	11	7/23/2009	C	44938		0.015	0.075	0.02	0.075	0.071	0.06	0.011	0.025					
Ira Green, Inc.	Sample Location # 1	11	2/9/2009	C	14100		0.015	0.075	0.061	0.075	0.11	0.06	0.025	0.062					
Ira Green, Inc.	Sample Location # 1	11	7/29/2009	C	18200		0.015	0.075	0.05	0.075	0.133	0.06	0.048	0.025					
John H. Collins & Sons Company	Sample Location # 1	27	2/9/2009	C	1750		0.015	0.075	0.02	0.075	0.05	13.9	0.063	0.02			0.195	19.27	
John H. Collins & Sons Company	Sample Location # 1	27	3/5/2009	C	1758		0.015	0.075	0.091	0.075	0.05	0.534	0.01	0.02			0.449	17.11	
John H. Collins & Sons Company	Sample Location # 1	27	11/16/2009	C	1825		0.015	0.075	0.031	0.075	0.075	0.119	0.02	0.024			0.092	19.31	
JRB Associates Inc.	Sample Location # 1	11	1/26/2009	C	5960		0.015	0.142						0.025					
JRB Associates Inc.	Sample Location # 1	11	5/11/2009	C	4590		0.015	0.194					0.666	0.033					
Kirks Folly	Sample Location # 1	11	4/20/2009	G			0.014	0.067	0.327	0.08	0.05	0.044	0.002	0.017		16			
Kirks Folly	Sample Location # 1	11	11/23/2009	G			0.016	0.075	1.12	0.08	0.05	0.405	0.004	0.017		2			
Lee's Manufacturing	Sample Location # 1	43	2/23/2009	C	7854		0.015	0.075	0.02	0.075	0.05	0.06		0.025					
Lee's Manufacturing	Sample Location # 1	43	6/15/2009	C	7854		0.015	0.075	0.02	0.075	0.05	0.06		0.025					

User Name	Location	Cat. #	Sample Date	Type	Flow	Volume	Cd	Cr	Cu	Pb	Ni	Zn	Cn	Ag	BOD	TSS	TTO	Total O & G	Misc
Lee's Manufacturing	Sample Location # 1	43	7/20/2009	C	2842		0.015	0.075	0.02	0.075	0.05	0.06		0.025					
Liquid Blue	Sample Location # 1	23	3/23/2009	C	300		0.015	0.075	0.053	0.075	0.05	0.06		0.025	2397.5	28			
Liquid Blue	Sample Location # 2	23	3/23/2009	C	300		0.015	0.075	0.151	0.08	0.05	0.067		0.025	544.3	18			
Liquid Blue	Sample Location # 1	23	8/21/2009	C	6200		0.003	0.01	0.116	0.01	0.01	0.053		0.004	173.36	39			
Liquid Blue	Sample Location # 2	23	8/21/2009	C	6200		0.003	0.031	0.085	0.01	0.013	0.03		0.004	212.93	29			
Mahr Federal Inc.	Sample Location # 1	11	3/11/2009	C	1034		0.015	0.585	0.059	0.174	0.05	0.112	0.004	0.025				4.5	
Mahr Federal Inc.	Sample Location # 2	11	3/11/2009	G		20	0.015	0.075	0.066	0.075	0.05	0.06		0.025			0.013		
Mahr Federal Inc.	Sample Location # 1	11	7/1/2009	C	1597		0.015	0.128	0.031	0.075	0.05	0.708	0.004	0.025				4.5	
Mahr Federal Inc.	Sample Location # 2	11	7/1/2009	G	20		0.015	0.075	0.052	0.075	0.05	0.06		0.025			0.016		
Metallurgical Solutions, Inc.	Sample Location # 1	11	10/30/2009	C			0.015	1.353	0.256	0.075	0.609	0.189	0.021	0.025					
Metallurgical Solutions, Inc.	Sample Location # 1	11	12/2/2009	G			0.015	0.753	0.12	0.075	0.321	0.06	0.017	0.025					
Michael Healy Designs, Inc.	Sample Location # 1	27	4/2/2009	C	280		0.015	0.075	0.195	0.075	0.05	0.06	0.004	0.025					
Michael Healy Designs, Inc.	Sample Location # 1	27	6/22/2009	C	380		0.015	0.075	0.434	0.075	0.05	0.111		0.025			0.018		
Microfibres, Inc.	Sample Location # 1	23	2/25/2009	C	55800		0.014	0.515	0.033	0.08	0.05	0.036		0.017	594.6	382		11.98	
Microfibres, Inc.	Sample Location # 1	23	9/10/2009	C			0.015	0.127	0.02	0.08	0.05	0.06		0.025	466.6	113		17.26	
Monarch Metal Finishing Company	Sample Location # 1	11	1/12/2009	C	6657		0.015	0.075		0.08				0.116					
Monarch Metal Finishing Company	Sample Location # 1	11	4/8/2009	C	6882		0.014	0.067		0.08				0.145					
Monarch Metal Finishing Company	Sample Location # 1	11	9/9/2009	C	5610		0.015	0.075		0.08				0.031					
Murdock Webbing Co., Inc.	Sample Location # 1	23	3/11/2009	C	3900		0.015	0.075	0.178	0.075	0.05	0.095		0.025	658.8	24		29.76	
Murdock Webbing Co., Inc.	Sample Location # 1	23	6/15/2009	C	9275		0.015	0.075	0.088	0.075	0.05	0.06		0.025	496	24		11.82	
Narragansett Electric Co. - Gas Holders	Sample Location # 1	60	3/31/2009	C	5000		0.015	0.075	0.02	0.075	0.05	0.06	0.079	0.025		2	0.404		
Narragansett Electric Co. - Gas Holders	Sample Location # 1	60	6/2/2009	C	3000		0.015	0.075	0.02	0.075	0.05	0.06	0.042	0.025		7	0.084		
New England Linen Supply, Inc.	Sample Location # 1	25	3/18/2009	C	35558													140.19	
New England Linen Supply, Inc.	Sample Location # 1	25	6/17/2009	C	38940										1240	542.5			
NGC INC.	Sample Location # 1	81	2/12/2009	G											3943	135		49.87	
NGC INC.	Sample Location # 1	81	6/18/2009	G											5358.4	190		30.94	
Northland Environmental LLC	Sample Location # 1	18	6/16/2009	C		15000	0.015	0.075	0.02	0.08	0.05	0.029	0.004	0.025	755		0.04	4.57	MERCURY = 0, PH = 6.51, 2,4,6-TRICHLOROPHENOL = .005
Nulco Manufacturing Corporation	Sample Location # 1	11	2/11/2009	C	8602		0.015	0.075	0.047	0.08	0.133	0.06	0.004	0.025					
Nulco Manufacturing Corporation	Sample Location # 1	11	7/16/2009	C	4713		0.015	0.075	0.02	0.08	0.08	0.06	0.004	0.025					
Ocean State Peeled Potatoes	Sample Location # 1	81	3/30/2009	G											575.8	882			
Ocean State Peeled Potatoes	Sample Location # 1	81	5/15/2009	C											678.4	532			
Osram Sylvania Products, Inc.	Sample Location # 1	27	4/13/2009	G	2625		0.015			0.075		0.098				100		34.865	
Osram Sylvania Products, Inc.	Sample Location # 1	27	10/30/2009	G		2625	0.015	0.244	0.12	0.075	0.638	0.06		0.025	80.4	106		19.64	
Pawtucket Power Associates	Sample Location # 3	16	4/8/2009	G	1300			0.075		0.08				0.025					
Pawtucket Power Associates	Sample Location # 4	16	4/8/2009	C	24000		0.015			0.075				0.025					
Pawtucket Power Associates	Sample Location # 1	16	7/29/2009	C	1452		0.015			0.075	0.05			0.025					
Pawtucket Power Associates	Sample Location # 2	16	7/29/2009	G			0.015	0.892	0.018	0.08	0.492	0.06		0.025					
Pawtucket Power Associates	Sample Location # 3	16	7/29/2009	G			0.015	0.075	0.02	0.08	0.05	0.06		0.025					
Pawtucket Power Associates	Sample Location # 4	16	7/29/2009	C			0.015	0.075		0.075	0.05			0.025					
Pilgrim Screw Corporation	Sample Location # 1	11	4/8/2009	G		400	0.015	0.075	0.02	0.075	0.05			0.025					
Pilgrim Screw Corporation	Sample Location # 1	11	9/23/2009	G		100	0.015	0.075	0.02	0.075	0.05	0.122	0.039	0.025				14.87	
Prov. Journal Co. - Production Facility	Sample Location # 1	24	2/25/2009	G			0.014	0.067	0.014	0.08	0.054	0.391		0.017				5	
Prov. Journal Co. - Production Facility	Sample Location #2	24	2/26/2009	C			0.015	0.075	0.02	0.075	0.05	0.06		0.212					
Prov. Journal Co. - Production Facility	Sample Location # 1	24	9/23/2009	G			0.015	0.075	0.035	0.08	0.05	0.06		0.025				7.6	
Prov. Journal Co. - Production Facility	Sample Location #2	24	9/24/2009	C	10		0.015	0.075	0.02	0.075	0.05	0.141		0.041					
Providence Chain Company	Sample Location # 1	11	2/2/2009	C	2800		0.015	0.075	0.157	0.08	0.05	0.06	0.018	0.069					
Providence Chain Company	Sample Location # 1	11	8/3/2009	C	2850		0.015	0.075	0.321	0.08	0.05	0.06	0.004	0.025					
Providence Metallizing Company, Inc.	Sample Location # 1	11	6/3/2009	C	16158		0.018	0.063	0.02				0.016						TOTAL METAL-EPA = .083

User Name	Location	Cat. #	Sample Date	Type	Flow	Volume	Cd	Cr	Cu	Pb	Ni	Zn	Cn	Ag	BOD	TSS	TTO	Total O & G	Misc
Providence Metallizing Company, Inc.	Sample Location # 1	11	11/18/2009	C	11250					0.065	0.085	0.035		0.018					TOTAL METAL-EPA = .12
Providence Specialty Products	Sample Location # 1	34	4/27/2009	G											192.5	103		53.64	
Providence Specialty Products	Sample Location # 2	34	4/27/2009	C	6825										13685	1653		49.29	
Providence Specialty Products	Sample Location # 1	34	10/7/2009	G											28.97	10		4.5	
Providence Specialty Products	Sample Location # 2	34	10/7/2009	C											17584	1000		178.57	
R. E. Sturdy Company	Sample Location # 1	11	3/16/2009	C	3142		0.015	0.075	1.383	0.08	0.408	0.078	0.007	0.246					
R. E. Sturdy Company	Sample Location # 1	11	7/27/2009	C	3900		0.015	0.084	1.504	0.08	0.469	0.091	0.009	0.118					
R.I.P.T.A. - Groundwater Site #2	Sample Location # 1	60	2/11/2009	C	18600		0.015	0.075	0.02	0.08	0.05	0.06	0.004			4	0.064	4.5	
R.I.P.T.A. - Groundwater Site #2	Sample Location # 1	60	3/9/2009	C	3900		0.015	0.075	0.02	0.08	0.05	0.06	0.004	0.025		4	0.025	4.5	
Regal Plating Company	Sample Location # 1	11	2/23/2009	C	3441		0.015	1.117	0.286	0.08	1.282	0.082	0.021	0.092					TOTAL METAL-EPA = 2.77
Regal Plating Company	Sample Location # 1	11	8/24/2009	C	8602		0.003		1.225	0.015		0.034		0.111					TOTAL METAL-EPA = 1.259
Ronald Pratt Company	Sample Location # 1	71	3/19/2009	C	570		0.015	0.075	0.02	0.08	0.05	0.06	0.004	0.025					
Ronald Pratt Company	Sample Location # 1	71	5/28/2009	C	570		0.015	0.075	0.02	0.08	0.05	0.06	0.005	0.025					
Ronald Pratt Company, Inc.	Sample Location # 1	11	9/18/2009	C	500		0.014	0.067	0.055	0.08	0.05	0.028	0.004	0.025					
Ronald Pratt Company, Inc.	Sample Location # 1	11	10/5/2009	C	360		0.015	0.075	0.021	0.08	0.05	0.06	0.004	0.025					
Stackbin Corporation	Sample Location # 1	11	4/9/2009	G		1150	0.015	0.075	0.078	0.075	0.05	0.148	0.011	0.025				37.98	
Stackbin Corporation	Sample Location #2	11	4/9/2009	G		600	0.015	0.075	0.02	0.075	0.05	0.06	0.055	0.025					
Stackbin Corporation	Sample Location # 1	11	10/26/2009	G		1150	0.015	0.075	0.02	0.075	0.05	0.06	0.005	0.025			0.036	7.11	
Stackbin Corporation	Sample Location #2	11	10/26/2009	G		600	0.015	0.075	0.02	0.075	0.05	0.06	0.067	0.025					
Summit Manufacturing Corporation	Sample Location # 1	11	4/30/2009	C	6600		0.015	0.075	0.09	0.08	0.23	0.06	0.024	0.025					
Summit Manufacturing Corporation	Sample Location # 1	11	6/22/2009	C	8228		0.015	0.075	0.124	0.08	0.243	0.06	0.004	0.025					
Surface Coatings Div. of Westwell Ind.	Sample Location # 1	11	3/9/2009	C	2842		0.015	0.075	0.323	0.08	0.216	0.233	0.034	0.025					
Surface Coatings Div. of Westwell Ind.	Sample Location # 1	11	6/29/2009	C	4039		0.015	0.075	0.125	0.08	0.078	0.493	0.005	0.025					
Surface Coatings Div. of Westwell Ind.	Sample Location # 1	11	12/9/2009	C	2768		0.015	0.073	0.616	0.08		1.247	0.002	0.025					
Tanury Industries	Sample Location # 1	11	2/23/2009	C	27950		0.015	0.075	0.307	0.075	0.628	0.06	0.022	0.025					
Tanury Industries	Sample Location # 1	11	7/13/2009	C	31430		0.015	0.075	0.494	0.075	0.643	0.06	0.036	0.035					T.RES.CHLORINE = 1.3
Tanury Industries PVD, Inc.	Sample Location # 1	11	6/4/2009	G		300	0.018	0.501	0.378				0.063						
Tanury Industries PVD, Inc.	Sample Location # 1	11	10/15/2009	G						0.063	0.07	0.065		0.023					
Technical Materials, Inc.	Sample Location # 1	11	2/24/2009	C	39000		0.015	0.075	0.02	0.075	0.076	0.06	0.004	0.025					
Technical Materials, Inc.	Sample Location # 1	11	7/16/2009	C	15100		0.015	0.075	0.02	0.075	0.05	0.06	0.01	0.035					
Technodic, Inc.	Sample Location # 1	11	3/16/2009	C	4712		0.015	0.604	0.063	0.075	0.05	0.06	0.074	0.025					TOTAL METAL-EPA = .78
Technodic, Inc.	Sample Location # 1	11	7/1/2009	C	5236		0.015	0.566	0.197	0.075	0.05	0.087	0.028	0.025					TOTAL METAL-EPA = .9
Tedor Pharma Inc.	Sample Location # 1	14	2/18/2009	G		500	0.067	1.507	3.397	0.367	1.102	10.524		0.025	2430.5	2113	1.167	103.41	ACETONE = .15, ETHYL ACETATE = .1, ISOPROPYL ACETATE = .01, METHYLENE CHLORIDE = .005, N-AMYL ACETATE = .01
Tedor Pharma Inc.	Sample Location # 1	14	3/9/2009	G		10	0.389	1.812	3.202	0.353	1.165	8.774		0.025	2442.5	3420	2.9	314.17	N-AMYL ACETATE = .01, ACETONE = .1, ETHYL ACETATE = .1, ISOPROPYL ACETATE = .01, METHYLENE CHLORIDE = .005
Tedor Pharma Inc.	Sample Location # 1	14	4/2/2009	G			0.015	0.075	0.221	0.075	0.057	0.4		0.025	323.7	40	0.11	4.5	
Tedor Pharma Inc.	Sample Location # 1	14	9/28/2009	G		2012	0.015	0.075	0.283	0.075	0.05	0.414		0.025	464.4	80	0.017	8.7	ACETONE = .1, ETHYL ACETATE = .1, ISOPROPYL ACETATE = .1, METHYLENE CHLORIDE = .05, N-AMYL ACETATE = .1
Teknicote, Inc. (Cumberland)	Sample Location # 1	11	3/17/2009	G		1000	0.015	0.075	0.029	0.075	0.062	0.556	0.006	0.025					
Teknicote, Inc. (Cumberland)	Sample Location # 1	11	8/20/2009	G		500	0.025	0.01	0.366	0.01	0.107	5.94	0.004	0.004					
Texcel, Inc.	Sample Location # 1	23	4/3/2009	G			0.015	0.075	0.316	0.08	0.05	0.12		0.025	613.4	172		10.96	
Texcel, Inc.	Sample Location # 1	23	9/25/2009	G			0.015	0.075	0.082	0.075	0.05	0.326		0.04	6039.3	127		6.54	
The Colibri Group	Sample Location # 1	71	2/4/2009	G	0		0.015	0.075	11	0.075	5.853	3.617	0.04	1.989					

User Name	Location	Cat. #	Sample Date	Type	Flow	Volume	Cd	Cr	Cu	Pb	Ni	Zn	Cn	Ag	BOD	TSS	TTO	Total O & G	Misc
Tiffany and Company	Sample Location # 1	15	3/16/2009	C	1536		0.015	0.075	0.02	0.08	0.05	0.06	0.004	0.025					
Tiffany and Company	Sample Location # 1	15	6/22/2009	C	1268		0.015	0.075	0.019	0.08	0.05	0.06	0.004	0.025					
Tri-Jay Company	Sample Location # 1	11	1/28/2009	C	9150			0.106			0.157	0.222	0.012						
Tri-Jay Company	Sample Location # 1	11	6/4/2009	C	8677		0.015		0.728		0.185	0.235							
Truex, Inc.	Sample Location # 1	11	3/18/2009	C	2325		0.015	0.075	0.396	0.08	0.05	0.253	0.004	0.025				6.39	
Truex, Inc.	Sample Location # 1	11	10/5/2009	C	3675		0.015	0.075	0.472	0.08	0.05	0.276	0.004	0.025				13.18	
Tru-Kay Manufacturing	Sample Location # 1	11	1/14/2009	C	1200		0.015	0.075	0.039	0.08	0.278	0.06	0.009	0.025					
Tru-Kay Manufacturing	Sample Location # 1	11	5/11/2009	C	3195		0.015	0.075	0.026	0.08	0.063	0.06	0.003	0.025					
Umicore USA, Incorporated	Sample Location # 1	22	3/10/2009	G		5000	0.015	0.075	0.02	0.02	0.05	0.06		0.025					
Umicore USA, Incorporated	Sample Location # 3	22	3/10/2009	C	16606		0.014	0.067	0.021	0.08	0.05	0.028		0.017					
Umicore USA, Incorporated	Sample Location # 2	22	3/11/2009	G		1500	0.015	0.075	0.046	0.075	0.05	0.06		0.025					
Umicore USA, Incorporated	Sample Location # 3	22	7/21/2009	C	11819		0.015	0.075	0.02	0.08	0.05	0.06		0.025					
Umicore USA, Incorporated	Sample Location # 1	22	7/22/2009	G		5700	0.003	0.01	0.01	0.01	0.01	0.01		0.004					
Umicore USA, Incorporated	Sample Location # 2	22	7/22/2009	G		1400	0.003	0.01	0.01	0.01	0.01	0.027		0.004					
Uncas Manufacturing Co. - Niantic Avenue	Sample Location # 1	11	2/23/2009	C	7854		0.015	0.075	0.257	0.08	0.05	0.06	0.008	0.025					
Uncas Manufacturing Co. - Niantic Avenue	Sample Location # 1	11	6/15/2009	C	7854		0.015	0.075	0.02	0.08	0.05	0.06	0.004	0.025					
Uncas Manufacturing Co. - Niantic Avenue	Sample Location # 1	11	7/20/2009	C	6956		0.015	0.075	0.02	0.08	0.05	0.06	0.004	0.025					
Unique Plating Company	Sample Location # 1	11	1/14/2009	C	1496		0.015	0.075	0.334	0.075	0.344	0.06	0.153	0.031					TOTAL METAL-EPA = .81
Unique Plating Company	Sample Location # 1	11	5/20/2009	C	1571		0.015	0.075	0.356	0.075	0.937	0.06	0.059	0.026					TOTAL METAL-EPA = 1.43
Univar USA, Inc.	Sample Location # 1	22	3/23/2009	C		7000	0.015	0.09	0.056	0.075	0.068	0.364	0.004	0.025			1.253		
Univar USA, Inc.	Sample Location # 1	22	12/3/2009	G		6500	0.015	0.075	0.036	0.075	0.05	0.319	0.001	0.025			0.145		T.RES.CHLORINE = .016
Universal Plating Company, Inc.	Sample Location # 1	11	2/16/2009	C	130		0.025	0.075	1.99	0.08	0.182	0.074	0.144	0.031					
Universal Plating Company, Inc.	Sample Location # 1	11	4/2/2009	C	1050		0.015	0.075	0.073	0.08	0.05	0.06	0.003	0.025					
Universal Plating Company, Inc.	Sample Location # 1	11	7/13/2009	C	2019		0.015	0.316	0.02	0.08	0.05	0.06	0.007	0.026					
Vennerbeck Stern-Leach	Sample Location # 1	72	1/14/2009	C	4900		0.015	0.075	0.044	0.08	0.05	0.06	0.004	0.221					
Vennerbeck Stern-Leach	Sample Location # 1	72	6/8/2009	C	2800		0.015	0.075	0.02	0.08	0.05	0.06	0.004	0.25					
Victory Finishing Technologies	Sample Location # 1	11	1/28/2009	C	40990		0.01		1.484	0.058				0.05					T.RES.CHLORINE = 4.4
Victory Finishing Technologies	Sample Location # 1	11	4/13/2009	C	38223		0.015	0.075		0.075			0.219	0.025					T.RES.CHLORINE = .006
Victory Finishing Technologies	Sample Location # 1	11	8/5/2009	C	41589		0.015	0.075		0.075		0.118							T.RES.CHLORINE = .006
W.T. Wilson, Inc.	Sample Location # 1	11	3/16/2009	G		100	0.015	0.075	0.02	0.075	0.05	0.06	0.004	0.025					
W.T. Wilson, Inc.	Sample Location # 1	11	8/14/2009	G		200	0.003	0.01	0.01	0.017	0.01	0.01	0.004	0.008					

Septage Monitoring Data - 2009
Results in ppb dry weight

Sample NO.	DATE	Cd	Cd MDL	Cr	Cr MDL	Cu	Cu MDL	Pb	Pb MDL	Ni	Ni MDL	Ag	Ag MDL	Zn	Zn MDL
0901-0007	1/5/2009	0.015	15	0.075	75	0.711	20	0.075	75	0.05	50	0.04	40	1.672	60
0901-0008	1/6/2009	0.05	15	0.376	75	15.99	20	1.852	75	0.269	50	2.771	40	12.95	60
0901-0009	1/7/2009	0.015	15	0.075	75	1.51	20	0.124	75	0.05	50	0.04	40	2.678	60
0901-0016	1/15/2009	0.015	15	0.075	75	0.568	20	0.075	75	0.106	50	0.048	40	1.496	60
0901-0017	1/16/2009	0.015	15	0.09	75	2.126	20	0.143	75	0.078	50	0.04	40	4.025	60
0901-0018	1/17/2009	0.015	15	0.136	75	0.42	20	0.094	75	0.081	50	0.04	40	1.023	60
0901-0020	1/21/2009	0.015	15	0.075	75	0.819	20	0.075	75	0.05	50	0.04	40	2.877	60
0901-0021	1/22/2009	0.019	15	1.08	75	2.235	20	0.276	75	0.49	50	0.04	40	5.242	60
0901-0022	1/23/2009	0.015	15	0.075	75	0.548	20	0.1	75	0.05	50	0.04	40	1.068	60
0901-0028	1/29/2009	0.015	15	0.075	75	0.33	20	0.075	75	0.05	50	0.04	40	0.356	60
0901-0029	1/30/2009	0.015	15	0.075	75	1.248	20	0.182	75	0.05	50	0.04	40	1.917	60
0901-0030	1/31/2009	0.015	15	0.075	75	4.25	20	2.501	75	0.089	50	0.04	40	9.173	60
0902-0001	2/2/2009	0.015	15	0.075	75	0.577	20	0.075	75	0.05	50	0.04	40	1.105	60
0902-0002	2/3/2009	0.015	15	0.075	75	0.506	20	0.075	75	0.05	50	0.04	40	0.992	60
0902-0003	2/4/2009	0.015	15	0.075	75	1.294	20	0.089	75	0.05	50	0.04	40	2.177	60
0902-0008	2/10/2009	0.015	15	0.075	75	1.926	20	0.175	75	0.05	50	0.04	40	3.869	60
0902-0009	2/11/2009	0.015	15	0.075	75	1.229	20	0.075	75	0.05	50	0.04	40	3.596	60
0902-0010	2/12/2009	0.015	15	0.075	75	1.792	20	0.075	75	0.05	50	0.04	40	2.385	60
0902-0016	2/19/2009	0.015	15	0.075	75	0.65	20	0.075	75	0.05	50	0.04	40	1.601	60
0902-0017	2/20/2009	0.015	15	0.084	75	0.767	20	0.093	75	0.056	50	0.04	40	2.053	60
0902-0018	2/21/2009	0.057	15	1.456	75	5.342	20	0.7	75	0.47	50	0.04	40	9.847	60
0902-0019	2/23/2009	0.023	15	0.376	75	2.813	20	0.388	75	0.195	50	0.04	40	5.834	60
0902-0020	2/24/2009	0.015	15	0.075	75	3.297	20	0.075	75	0.127	50	0.04	40	3.218	60
0902-0021	2/25/2009	0.015	15	0.075	75	1.475	20	0.075	75	0.05	50	0.04	40	4.16	60
0903-0001	3/3/2009	0.015	15	0.075	75	0.699	20	0.075	75	0.05	50	0.04	40	2.564	60
0903-0002	3/4/2009	0.015	15	0.075	75	0.448	20	0.075	75	0.05	50	0.04	40	1.859	60
0903-0003	3/5/2009	0.015	15	0.157	75	6.646	20	0.275	75	0.292	50	0.04	40	11.38	60
0903-0007	3/12/2009	0.015	15	0.075	75	0.918	20	0.075	75	0.05	50	0.04	40	1.359	60
0903-0008	3/13/2009	0.015	15	0.075	75	0.616	20	0.075	75	0.05	50	0.04	40	0.888	60
0903-0009	3/14/2009	0.015	15	0.117	75	2.458	20	0.264	75	0.072	50	0.04	40	6.089	60
0903-0013	3/16/2009	0.019	15	0.149	75	6.34	20	0.418	75	0.136	50	0.183	40	12.764	60
0903-0014	3/17/2009	0.019	15	0.268	75	9.99	20	0.644	75	0.179	50	0.057	40	15.76	60
0903-0015	3/18/2009	0.029	15	0.281	75	11.25	20	0.782	75	0.21	50	0.079	40	19.026	60
0903-0019	4/1/2009	0.015	15	0.075	75	1.621	20	0.075	75	0.05	50	0.04	40	2.655	60
0903-0020	4/2/2009	0.015	15	0.075	75	0.851	20	0.075	75	0.05	50	0.04	40	2.212	60

All values that were at or below the detection limit were reported at the detection limit

Table 22: Septage Sampling Data

Septage Monitoring Data - 2009
Results in ppb dry weight

Sample NO.	DATE	Cd	Cd MDL	Cr	Cr MDL	Cu	Cu MDL	Pb	Pb MDL	Ni	Ni MDL	Ag	Ag MDL	Zn	Zn MDL
0903-0021	4/3/2009	0.015	15	0.075	75	1.1	20	0.075	75	0.05	50	0.04	40	3.928	60
0903-0022	3/26/2009	0.018	15	0.243	75	8.448	20	0.49	75	0.133	50	0.04	40	11.63	60
0903-0023	3/27/2009	0.015	15	0.163	75	12.68	20	0.426	75	0.098	50	0.04	40	10.8	60
0903-0024	3/28/2009	0.022	15	0.298	75	9.239	20	0.468	75	0.255	50	0.04	40	15.47	60
0904-0001	4/6/2009	0.029	15	0.609	75	10.88	20	0.448	75	0.353	50	0.04	40	14.12	60
0904-0002	4/7/2009	0.015	15	0.075	75	0.7	20	0.075	75	0.05	50	0.04	40	1.075	60
0904-0003	4/8/2009	0.015	15	0.082	75	0.844	20	0.075	75	0.05	50	0.04	40	2.311	60
0904-0004	4/16/2009	0.015	15	0.075	75	5.307	20	0.138	75	0.051	50	0.04	40	4.316	60
0904-0005	4/17/2009	0.041	15	0.36	75	7.106	20	0.429	75	0.228	50	0.115	40	36.78	60
0904-0006	4/18/2009	0.015	15	0.075	75	7.78	20	0.107	75	0.068	50	0.04	40	6.24	60
0904-0007	4/20/2009	0.015	15	0.075	75	1.165	20	0.141	75	0.05	50	0.04	40	2.068	60
0904-0008	4/21/2009	0.015	15	0.182	75	2.034	20	0.111	75	0.102	50	0.04	40	3.365	60
0904-0009	4/22/2009	0.015	15	0.075	75	0.77	20	0.075	75	0.05	50	0.04	40	2.097	60
0904-0013	4/27/2009	0.015	15	0.075	75	0.749	20	0.075	75	0.05	50	0.04	40	2.419	60
0904-0014	4/28/2009	0.015	15	0.075	75	3.351	20	0.14	75	0.06	50	0.04	40	4.997	60
0904-0015	4/29/2009	0.027	15	0.169	75	14.75	20	0.929	75	0.157	50	0.04	40	13.16	60
0905-0001	5/4/2009	0.015	15	0.075	75	3.59	20	0.188	75	0.054	50	0.04	40	4.83	60
0905-0002	5/5/2009	0.026	15	0.244	75	11.89	20	0.555	75	0.16	50	0.04	40	17.12	60
0905-0003	5/6/2009	0.015	15	0.075	75	2.69	20	0.155	75	0.066	50	0.04	40	5.648	60
0905-0004	5/26/2009	0.015	15	0.079	75	4.582	20	0.231	75	0.088	50	0.04	40	7.184	60
0905-0005	5/27/2009	0.015	15	0.075	75	5.763	20	0.128	75	0.05	50	0.04	40	4.022	60
0905-0006	5/28/2009	0.023	15	0.207	75	4.318	20	0.22	75	0.064	50	0.04	40	5.709	60
0905-0007	5/14/2009	0.015	15	0.124	75	2.901	20	0.828	75	0.099	50	0.04	40	6.222	60
0905-0008	5/15/2009	0.015	15	0.149	75	4.315	20	0.198	75	0.091	50	0.04	40	7.96	60
0905-0009	5/16/2009	0.02	15	0.142	75	5.926	20	0.62	75	0.113	50	0.04	40	10.32	60
0905-0010	5/20/2009	0.017	15	0.16	75	3.045	20	0.595	75	0.109	50	0.04	40	4.99	60
0905-0011	5/21/2009	0.017	15	0.107	75	4.218	20	0.412	75	0.086	50	0.04	40	4.046	60
0905-0012	5/22/2009	0.032	15	0.137	75	7.6	20	0.184	75	0.111	50	0.04	40	8.499	60
0906-0004	6/4/2009	0.015	15	0.075	75	2.794	20	0.13	75	0.079	50	0.04	40	5.44	60
0906-0005	6/5/2009	0.015	15	0.113	75	5.107	20	0.369	75	0.081	50	0.04	40	6.179	60
0906-0006	6/6/2009	0.059	15	0.42	75	24.54	20	1.21	75	0.734	50	0.04	40	20.02	60
0906-0007	6/8/2009	0.015	15	0.075	75	0.963	20	0.096	75	0.21	50	0.04	40	4.18	60
0906-0008	6/9/2009	0.015	15	0.075	75	1.036	20	0.089	75	0.217	50	0.04	40	4.542	60
0906-0009	6/10/2009	0.015	15	0.12	75	3.216	20	0.504	75	0.274	50	0.04	40	9.044	60
0906-0015	6/17/2009	0.015	15	0.075	75	1.957	20	0.089	75	0.054	50	0.04	40	2.753	60

All values that were at or below the detection limit were reported at the detection limit

Table 22: Septage Sampling Data

Septage Monitoring Data - 2009
Results in ppb dry weight

Sample NO.	DATE	Cd	Cd MDL	Cr	Cr MDL	Cu	Cu MDL	Pb	Pb MDL	Ni	Ni MDL	Ag	Ag MDL	Zn	Zn MDL
0906-0016	6/18/2009	0.015	15	0.075	75	0.563	20	0.075	75	0.05	50	0.04	40	0.813	60
0906-0017	6/19/2009	0.015	15	0.075	75	0.123	20	0.075	75	0.05	50	0.04	40	0.416	60
0906-0022	6/25/2009	0.017	15	0.123	75	14.62	20	0.699	75	0.131	50	0.04	40	14.16	60
0906-0023	6/26/2009	0.015	15	0.075	75	3.184	20	0.108	75	0.068	50	0.04	40	5.414	60
0906-0024	6/27/2009	0.015	15	0.075	75	2.287	20	0.1	75	0.09	50	0.04	40	4.876	60
0907-0001	6/30/2009	0.015	15	0.075	75	5.507	20	0.111	75	0.05	50	0.04	40	3.044	60
0907-0002	7/1/2009	0.015	15	0.075	75	1.361	20	0.075	75	0.05	50	0.04	40	1.029	60
0907-0003	7/2/2009	0.015	15	0.099	75	11.32	20	0.225	75	0.1	50	0.04	40	6.73	60
0907-0010	7/9/2009	0.015	15	0.075	75	0.538	20	0.075	75	0.05	50	0.04	40	1.283	60
0907-0011	7/15/2009	0.015	15	0.08	75	3.176	20	0.212	75	0.132	50	0.04	40	6.008	60
0907-0012	7/11/2009	0.015	15	0.075	75	15	20	0.127	75	0.357	50	0.04	40	6.026	60
0907-0013	7/13/2009	0.084	15	0.756	75	39.6	20	1.388	75	0.594	50	0.113	40	25.4	60
0907-0014	7/14/2009	0.015	15	0.075	75	1.404	20	0.142	75	0.05	50	0.098	40	3.442	60
0907-0015	7/15/2009	0.015	15	0.093	75	1.438	20	0.181	75	0.06	50	0.128	40	2.121	60
0907-0022	7/23/2009	0.041	15	0.352	75	5.995	20	1.039	75	0.237	50	0.048	40	13.67	60
0907-0023	7/24/2009	0.015	15	0.075	75	0.754	20	0.093	75	0.05	50	0.04	40	2.117	60
0907-0024	7/25/2009	0.015	15	0.205	75	4.348	20	0.169	75	0.109	50	0.04	40	10.7	60
0907-0028	7/30/2009	0.015	15	0.09	75	3.301	20	0.078	75	0.066	50	0.04	40	6.914	60
0907-0029	7/31/2009	0.015	15	0.129	75	5.916	20	0.405	75	0.082	50	0.04	40	5.647	60
0907-0030	8/1/2009	0.015	15	0.111	75	5.272	20	0.354	75	0.086	50	0.04	40	5.087	60
0908-0001	8/3/2009	0.015	15	0.094	75	3.227	20	1.003	75	0.237	50	0.04	40	5.532	60
0908-0002	8/4/2009	0.015	15	0.299	75	4.342	20	0.22	75	0.203	50	0.04	40	7.513	60
0908-0003	8/5/2009	0.015	15	0.075	75	0.349	20	0.075	75	0.05	50	0.04	40	0.493	60
0908-0007	8/11/2009	0.015	15	0.104	75	1.994	20	0.134	75	0.308	50	0.04	40	3.88	60
0908-0008	8/12/2009	0.016	15	0.581	75	6.983	20	0.28	75	0.855	50	0.04	40	10.2	60
0908-0009	8/13/2009	0.032	15	0.226	75	8.923	20	1.003	75	0.254	50	0.04	40	20.28	60
0908-0016	8/20/2009	0.015	15	0.075	75	1.583	20	0.075	75	0.107	50	0.04	40	1.747	60
0908-0017	8/21/2009	0.015	15	0.075	75	1.444	20	0.075	75	0.087	50	0.04	40	1.552	60
0908-0018	8/22/2009	0.015	15	0.075	75	1.339	20	0.075	75	0.105	50	0.04	40	1.612	60
0908-0019	8/24/2009	0.015	15	0.075	75	0.754	20	0.075	75	0.069	50	0.04	40	0.774	60
0908-0020	8/25/2009	0.016	15	0.107	75	3.755	20	0.317	75	0.36	50	0.04	40	8.24	60
0908-0021	8/26/2009	0.015	15	0.075	75	1.298	20	0.075	75	0.066	50	0.04	40	4.522	60
0909-0003	9/2/2009	0.015	15	0.107	75	6.761	20	0.309	75	0.095	50	0.04	40	8.552	60
0909-0004	9/1/2009	0.015	15	0.075	75	2.115	20	0.075	75	0.13	50	0.04	40	3.167	60
0909-0005	8/31/2009	0.015	15	0.075	75	3.233	20	0.082	75	0.094	50	0.04	40	2.321	60

All values that were at or below the detection limit were reported at the detection limit

Table 22: Septage Sampling Data

Septage Monitoring Data - 2009
Results in ppb dry weight

Sample NO.	DATE	Cd	Cd MDL	Cr	Cr MDL	Cu	Cu MDL	Pb	Pb MDL	Ni	Ni MDL	Ag	Ag MDL	Zn	Zn MDL
0909-0009	9/10/2009	0.019	15	0.166	75	8.389	20	0.42	75	0.131	50	0.04	40	13.2	60
0909-0010	9/11/2009	0.015	15	0.075	75	1.713	20	0.075	75	0.089	50	0.04	40	3.605	60
0909-0011	9/12/2009	0.023	15	0.289	75	18.44	20	0.52	75	1.553	50	0.04	40	11.54	60
0909-0013	9/14/2009	0.015	15	0.075	75	0.256	20	0.075	75	0.05	50	0.04	40	0.328	60
0909-0014	9/15/2009	0.015	15	0.075	75	1.309	20	0.085	75	0.056	50	0.04	40	4.7	60
0909-0015	9/16/2009	0.052	15	0.393	75	17.86	20	0.979	75	0.317	50	0.058	40	23.079	60
0909-0022	9/24/2009	0.015	15	0.075	75	0.798	20	0.075	75	0.05	50	0.04	40	2.226	60
0909-0023	9/25/2009	0.015	15	0.106	75	2.104	20	0.614	75	0.096	50	0.04	40	6.93	60
0909-0024	9/26/2009	0.015	15	0.278	75	2.57	20	0.182	75	0.126	50	0.04	40	5.796	60
0910-0001	9/28/2009	0.015	15	0.301	75	2.668	20	0.242	75	0.159	50	0.04	40	6.937	60
0910-0002	9/29/2009	0.015	15	0.153	75	4.092	20	0.16	75	0.11	50	0.04	40	4.155	60
0910-0003	9/30/2009	0.015	15	0.227	75	4.58	20	0.216	75	0.125	50	0.04	40	5.76	60
0910-0007	10/10/2009	0.015	15	0.089	75	3.018	20	0.127	75	0.061	50	0.04	40	4.587	60
0910-0008	10/9/2009	0.016	15	0.222	75	13.23	20	0.201	75	0.182	50	0.04	40	9.881	60
0910-0009	10/8/2009	0.015	15	0.08	75	1.861	20	0.075	75	0.061	50	0.04	40	2.478	60
0910-0015	10/15/2009	0.021	15	0.081	75	13.16	20	0.416	75	0.114	50	0.04	40	9.726	60
0910-0016	10/14/2009	0.016	15	0.144	75	7.247	20	0.374	75	0.132	50	0.04	40	8.656	60
0910-0017	10/13/2009	0.015	15	0.492	75	6.371	20	0.311	75	0.307	50	0.045	40	8.186	60
0910-0022	10/22/2009	0.019	15	0.214	75	7.23	20	0.553	75	0.388	50	0.04	40	14.43	60
0910-0023	10/23/2009	0.023	15	0.211	75	15.12	20	0.444	75	0.225	50	0.04	40	15.07	60
0910-0024	10/24/2009	0.115	15	0.517	75	69.34	20	1.536	75	0.452	50	0.188	40	57.14	60
0910-0025	10/26/2009	0.015	15	0.075	75	1.79	20	0.075	75	0.072	50	0.04	40	0.783	60
0910-0026	10/27/2009	0.015	15	0.075	75	1.251	20	0.075	75	0.071	50	0.04	40	0.569	60
0910-0027	10/28/2009	0.015	15	0.075	75	2.511	20	0.075	75	0.073	50	0.04	40	0.953	60
0911-0001	11/7/2009	0.015	15	0.075	75	2.417	20	0.075	75	0.122	50	0.04	40	2.029	60
0911-0002	11/6/2009	0.015	15	0.141	75	9.845	20	0.344	75	0.284	50	0.04	40	9.969	60
0911-0003	11/5/2009	0.015	15	0.075	75	2.732	20	0.075	75	0.086	50	0.04	40	1.559	60
0911-0009	11/12/2009	0.015	15	0.075	75	2.133	20	0.075	75	0.053	50	0.04	40	3.173	60
0911-0010	11/13/2009	0.015	15	0.075	75	1.817	20	0.075	75	0.137	50	0.04	40	3.532	60
0911-0011	11/14/2009	0.015	15	0.206	75	17.67	20	0.249	75	0.18	50	0.04	40	14.7	60
0911-0013	11/16/2009	0.015	15	0.075	75	1.093	20	0.075	75	0.071	50	0.04	40	3.009	60
0911-0014	11/17/2009	0.026	15	0.319	75	7.559	20	0.472	75	0.273	50	0.045	40	15.565	60
0911-0015	11/18/2009	0.015	15	0.152	75	7.109	20	0.438	75	0.15	50	0.04	40	10.29	60
0911-0022	11/23/2009	0.015	15	0.123	75	8.383	20	0.149	75	0.105	50	0.04	40	14.13	60
0911-0023	11/24/2009	0.015	15	0.152	75	1.467	20	0.137	75	0.079	50	0.04	40	6.205	60

All values that were at or below the detection limit were reported at the detection limit

Table 22: Septage Sampling Data

Septage Monitoring Data - 2009
Results in ppb dry weight

Sample NO.	DATE	Cd	Cd MDL	Cr	Cr MDL	Cu	Cu MDL	Pb	Pb MDL	Ni	Ni MDL	Ag	Ag MDL	Zn	Zn MDL
0911-0024	11/25/2009	0.015	15	0.163	75	1.484	20	0.145	75	0.077	50	0.04	40	6.159	60
0912-0001	11/30/2009	0.015	15	0.075	75	4.931	20	0.13	75	0.067	50	0.04	40	5.406	60
0912-0002	12/1/2009	0.017	15	0.187	75	7.167	20	0.546	75	0.168	50	0.04	40	9.897	60
0912-0003	12/2/2009	0.015	15	0.075	75	0.821	20	0.075	75	0.05	50	0.04	40	2.345	60
0912-0007	12/7/2009	0.015	15	0.124	75	4.531	20	0.409	75	0.096	50	0.04	40	5.459	60
0912-0008	12/8/2009	0.015	15	0.075	75	3.315	20	0.109	75	0.05	50	0.04	40	2.961	60
0912-0009	12/9/2009	0.015	15	0.075	75	0.615	20	0.075	75	0.05	50	0.04	40	2.902	60
0912-0013	12/14/2009	0.015	15	0.132	75	3.236	20	0.165	75	0.069	50	0.04	40	3.962	60
0912-0014	12/15/2009	0.039	15	0.445	75	8.181	20	0.566	75	0.324	50	0.043	40	22.21	60
0912-0015	12/16/2009	0.067	15	0.658	75	12.155	20	0.989	75	0.386	50	0.077	40	29.36	60
0912-0019	12/21/2009	0.059	15	0.277	75	4.867	20	0.499	75	0.175	50	0.04	40	7.16	60
0912-0020	12/22/2009	0.02	15	0.122	75	9.184	20	0.596	75	0.271	50	0.04	40	8.219	60
0912-0021	12/23/2009	0.024	15	0.157	75	23.378	20	0.881	75	0.657	50	0.04	40	16.59	60
0912-0022	12/28/2009	0.017	15	0.225	75	6.645	20	0.34	75	0.276	50	0.04	40	8.88	60
0912-0023	12/29/2009	0.015	15	0.111	75	6.049	20	0.199	75	0.2	50	0.04	40	6.522	60
0912-0024	12/30/2009	0.037	15	0.215	75	30.4	20	0.793	75	0.563	50	0.051	40	18.16	60

All values that were at or below the detection limit were reported at the detection limit

Table 22: Septage Sampling Data

Metals Loading to Bucklin Point from Septage (lbs/yr)

Year	Cadmium	Chromium	Copper	Lead	Nickel	Silver	Zinc	Total Metals	MGY
1996	4.5	77.6	946.0	167.0	33.9	19.6	1414	2663	14.76
1997	3.9	33.2	806.0	113.0	27.4	10.3	1060	2054	14.22
1998	4.5	29.2	830.0	93.0	31.0	5.7	1016	2009	17.53
1999	3.4	26.5	623.0	61.0	20.0	4.1	849	1587	21.50
2000	2.8	21.8	591.0	53.0	26.7	4.1	873	1572	23.34
2001	1.5	20.7	436.0	42.3	22.4	4.2	633	1160	17.39
2002	0.95	8.2	322.6	30.4	22.8	33.1	473	892	17.04
2003	0.89	3.8	196.4	15.9	7.1	4.2	299	527	13.03
2004	0.90	5.0	256.3	15.9	8.9	3.3	321	612	9.10
2005	0.93	7.9	349.9	25.5	11.3	1.9	458	855	8.96
2006	1.35	8.8	416.0	24.2	13.2	3.3	495	961	9.36
2007	1.5	11.5	532.3	28.2	14.8	4.2	605	1197	8.53
2008	2.8	10.5	440.3	19.8	9.5	5.3	508	996	9.30
2009	1.5	12.1	435.4	23.0	11.6	4.2	554	1042	9.08
Percent of Total Metals	0.14%	1.16%	41.78%	2.20%	1.11%	0.40%	53.19%		

Total Volume Received from Septage Haulers (gallons)

2002	17,036,477
2003	13,042,002
2004	9,100,412
2005	8,961,228
2006	9,366,215
2007	8,532,188
2008	9,297,928
2009	9,077,263

Table 23: Septage Summary 1996 - 2009

NBC River and Bay Nutrients Results 2009

Collection Date	Collection Time	Station	Waterbody	Depth (meters)	Salinity (ppt)	Temp (°C)	pH	NUTRIENT PARAMETERS						TSS (ppm)
								NO3+NO2 (ppb)	Nitrite (ppb)	NH3 (ppb)	Ortho-Phosphate (ppb)	Silicate (ppb)	Total Dissolved Nitrogen (ppb)	
1/7/2009	1:05	Nutrient Blank						<6.00	<1.5	<7.00	<4.00	<20	<100	
1/7/2009	10:00	Blackstone River at Bikepath bridge at Rt. 116	RIVER			1.50	7.95	808.00	9.14	131.00	58.80	1280.0	1160	<2.0
1/7/2009	8:45	Blackstone River at Slater Dam	RIVER			1.31	8.31	819.00	7.88	137.00	51.50	897.0	1260	4
1/7/2009	12:55	Pawtuxet River - terminal falls	RIVER			2.72	7.46	920.00	21.70	226.00	21.40	334.0	1360	15
1/7/2009	10:40	Woonasquatucket River at Valley	RIVER					630.00	6.24	74.50	8.66	938.0	1010	26
1/7/2009	10:40	Woonasquatucket River at Valley	RIVER					627.00	5.31	74.90	7.66	1050.0	942	24
1/7/2009	11:35	Moshassuck River at Mill St	RIVER			1.64	7.34	428.00	15.10	356.00	26.00	533.0	1230	130
1/7/2009	10:45	Blackstone River at Stateline site	RIVER			1.30	7.80	749.00	8.81	131.00	31.40	995.0	1110	4
1/7/2009	10:21	Warren Resovoir/Kickemuit River at Schoolhouse Rd	RIVER			49.00	8.18	551.00	7.79	52.40	6.53	259.0	988	2
1/7/2009	9:54	Coles River at Milford Rd in Swansea	RIVER			1.06	8.67	451.00	<1.50	20.00	9.84	298.0	920	<2.0
1/7/2009	10:47	Palmer River at Route 6 in Rehoboth	RIVER			0.10	7.87	587.00	<1.5	28.20	7.74	281.0	965	<2.0
1/7/2009	12:13	Runnins River at River Road on RI-MA Border	RIVER			0.34	7.28	744.00	10.20	143.00	11.00	656.0	1290	9
1/7/2009	9:13	Taunton River at Berkley Bridge	RIVER			0.79	8.84	922.00	19.70	54.20	31.80	595.0	2380	<2.0
1/7/2009	12:43	Nutrient Blank						<6.0	<1.5	<7.00	<4.00	<20	<100	
1/7/2009	9:30	Woonasquatucket River at Manton Ave, S-9	RIVER					604.00	2.82	36.30	4.94	476.0	913	7
1/7/2009	8:50	Moshassuck River at Higginson Ave, S-1	RIVER					629.00	3.94	39.40	154.00	1640.0	920	3
1/7/2009	11:00	Nutrient Blank						<6.0	<1.5	<7.00	<4.00	<20	<100	
1/21/2009	2:05	Nutrient Blank						<6.0	<1.5	<7.00	<4.00	<20	<100	
1/21/2009	10:35	Blackstone River at Slater Dam	RIVER			0.08	7.68	752.00	13.10	583.00	88.00	2940.0	1570	14
1/21/2009	10:00	Blackstone River at Bikepath bridge at Rt. 116	RIVER			0.12	7.80	982.00	15.50	496.00	96.70	3500.0	1550	26
1/21/2009	1:55	Pawtuxet River - terminal falls	RIVER			1.62	7.40	943.00	10.60	981.00	45.30	1500.0	2800	8
1/21/2009	1:05	Woonasquatucket River at Valley	RIVER			1.55	7.57	721.00	2.97	32.70	5.08	2440.0	979	8
1/21/2009	11:05	Woonasquatucket River at Manton Ave, S-9	RIVER			1.32	7.60	664.00	2.57	38.30	6.40	2350.0	913	2
1/21/2009	12:40	Moshassuck River at Mill St	RIVER			1.63	7.48	798.00	8.13	152.00	<4.00	3810.0	1160	<2.0
2/4/2009	10:20	Nutrient Blank						<6.0	<1.5	<7.00	<4.0	<20	<100	
2/4/2009	12:35	Nutrient Blank						<6.0	<1.5	<7.00	<4.0	<20	<100	
2/4/2009	10:15	Blackstone River at Slater Dam	RIVER			1.21	8.07	752.00	14.00	683.00	119.00	2470.0	1520	4
2/4/2009	9:00	Blackstone River at Stateline site	RIVER			0.66	8.10	616.00	16.00	1070.00	45.80	2280.0	1730	10
2/4/2009	1:50	Pawtuxet River - terminal falls	RIVER			2.21	7.15	809.00	15.10	1070.00	19.10	2810.0	2000	6
2/4/2009	1:50	Pawtuxet River - terminal falls	RIVER			2.21	7.15	820.00	15.50	1070.00	19.00	2360.0	2170	6
2/4/2009	1:10	Woonasquatucket River at Valley	RIVER			1.83	7.89	688.00	5.14	<7.0	4.26	2010.0	830	6
2/4/2009	10:45	Moshassuck River at Mill St	RIVER			1.51	7.61	752.00	10.20	190.00	<4.0	3710.0	1110	<2.0
2/4/2009	12:35	Moshassuck River at Higginson Ave, S-1	RIVER			1.91	7.65	571.00	5.31	38.80	4.05	3080.0	846	<2.0
2/4/2009	10:35	Warren Resovoir/Kickemuit River at Schoolhouse Rd	RIVER			0.24	7.90	554.00	6.40	88.10	6.12	730.0	957	<2
2/4/2009	11:15	Coles River at Milford Rd in Swansea	RIVER			0.56	7.92	346.00	<1.5	36.90	9.39	439.0	666	6
2/4/2009	11:50	Lee's River at Rt. 6 in Swansea	RIVER			2.72	7.01	186.00	5.23	7.28	20.10	927.0	394	56
2/4/2009	10:15	Palmer River at Route 6 in Rehoboth	RIVER			0.03	8.43	468.00	<1.5	65.40	9.83	416.0	798	<2.0
2/4/2009	9:45	Runnins River at River Road on RI-MA Border	RIVER			0.21	8.52	847.00	11.60	64.70	9.05	2000.0	1130	<2.0
2/4/2009	12:30	Taunton River at Berkley Bridge	RIVER			0.39	9.02	683.00	8.15	34.50	15.30	600.0	982	<2.0
2/18/2009	10:32	Blackstone River at Stateline site	RIVER			1.77	7.96	638.00	20.80	889.00	30.60	2340.0	1600	6
2/18/2009	9:38	Blackstone River at Slater Dam	RIVER			1.97	8.43	776.00	18.00	486.00	57.50	1950.0	1380	6
2/18/2009	9:38	Blackstone River at Slater Dam	RIVER			1.97	8.43	774.00	17.70	486.00	56.80	2460.0	1380	4
2/18/2009	2:10	Pawtuxet River - terminal falls	RIVER			3.57	6.47	951.00	48.80	1090.00	60.00	2420.0	2230	<2
2/18/2009	1:20	Woonasquatucket River at Valley	RIVER			3.63	7.59	580.00	10.90	18.70	<4.00	2300.0	752	2
2/18/2009	12:47	Moshassuck River at Mill St	RIVER			3.82	7.54	753.00	7.13	96.50	<4.00	2990.0	985	<2
2/18/2009	8:35	Ten Mile River at outlet of Omega Pond	RIVER			3.09	8.71	1610.00	26.00	43.70	9.92	2180.0	1910	4
2/18/2009	10:45	Nutrient Blank						<6.0		<7.00	<4.00	<20	<100	
3/4/2009	12:00	Nutrient Blank						<6.0	<1.5	<7.00	<4.00	<20	<100	
3/4/2009	13:40	Nutrient Blank						<6.0	<1.5	<7.00	<4.00	<20	<100	
3/4/2009	13:40	Blackstone River at Stateline site	RIVER			1.34	7.33	520.00	10.30	594.00	11.70	2150.0	1330	6
3/4/2009	11:21	Blackstone River at Slater Dam	RIVER			1.04	7.28	616.00	11.20	435.00	41.20	2690.0	1180	2

Collection Date	Collection Time	Station	Waterbody	Depth (meters)	Salinity (ppt)	Temp (°C)	pH	NUTRIENT PARAMETERS						TSS (ppm)
								NO3+NO2 (ppb)	Nitrite (ppb)	NH3 (ppb)	Ortho-Phosphate (ppb)	Silicate (ppb)	Total Dissolved Nitrogen (ppb)	
3/4/2009	8:20	Pawtuxet River - terminal falls	RIVER			1.04	7.74	802.00	23.00	177.00	65.40	2180.0	1170	2
3/4/2009	9:15	Woonasquatucket River at Manton Ave, S-9	RIVER			1.36	7.62	987.00	92.30	118.00	23.50	3000.0	1270	12
3/4/2009	9:45	Woonasquatucket River at Valley	RIVER			0.95	7.57	997.00	74.50	72.20	10.70	2880.0	1250	6
3/4/2009	9:45	Woonasquatucket River at Valley	RIVER			0.95	7.57	993.00	73.60	77.40	14.00	2820.0	1260	6
3/4/2009	11:50	Moshassuck River at Higginson Ave, S-1	RIVER			3.16	7.45	408.00	2.92	22.60	<4.00	1700.0	603	4
3/4/2009	10:47	Moshassuck River at Mill St	RIVER			1.02	7.47	602.00	5.79	85.80	<4.00	2700.0	868	<2.0
3/4/2009	12:45	Runnins River at River Road on RI-MA Border	RIVER			0.41	7.97	886.00	6.68	31.30	4.74	1570.0	1140	<2.0
3/4/2009	10:40	Palmer River at Route 6 in Rehoboth	RIVER					428.00	2.56	36.80	6.69	499.0	715	2
3/4/2009	9:45	Coles River at Milford Rd in Swansea	RIVER			1.34	8.82	204.00	2.35	<7.00	5.04	228.0	467	2
3/4/2009	9:30	Lee's River at Rt. 6 in Swansea	RIVER			0.82	7.43	227.00	2.67	<7.00	<4.00	990.0	424	142
3/4/2009	8:54	Taunton River at Berkley Bridge	RIVER			0.30	7.91	605.00	27.10	70.00	16.10	793.0	948	4
3/18/2009	9:25	Conimicut Point	BAY	0.8	22.22	4.89		183.00	5.37	107.00	<4.00	614.0	416	42
3/18/2009	10:10	Edgewood Yacht Club	BAY	0.7	15.78	5.78		410.00	15.70	209.00	29.80	1210.0	1180	28
3/18/2009	12:55	Pomham Rocks	BAY	0.7	16.97	6.45		414.00	12.50	247.00	<4.00	1100.0	1060	26
3/18/2009	13:30	India Point Park	BAY	0.8	11.46	6.98		540.00	10.20	250.00	22.80	1610.0	856	12
3/18/2009	8:55	Bullocks Reach	BAY	0.5	21.65	5.59		149.00	4.90	59.90	<4.00	464.0	310	32
3/18/2009	13:00	Phillipsdale Landing	BAY	0.1	2.82	6.82	6.85	856.00	18.30	407.00	58.20	2090.0	1380	2
3/18/2009	13:05	Phillipsdale Landing	BAY	2.5	19.31	5.47	6.48	840.00	19.70	422.00	52.60	2080.0	1400	30
3/18/2009	10:35	Nutrient Blank						16.30	<1.5	<7.0	<4.00	<20	<100	
3/18/2009	10:45	Nutrient Blank						<6.0	<1.5	<7.00	<4.00	<20	<100	
3/18/2009	10:35	Blackstone River at Slater Dam	RIVER			5.99	7.66	676.00	14.80	398.00	16.00	2140.0	1210	32
3/18/2009	8:30	Pawtuxet River - terminal falls	RIVER			6.46	8.80	1040.00	17.00	101.00	70.30	2560.0	1840	8
3/18/2009	9:45	Woonasquatucket River at Valley	RIVER			6.61	8.30	618.00	3.33	14.50	4.46	2240.0	766	2
3/18/2009	10:05	Moshassuck River at Mill St	RIVER			6.36	7.75	732.00	6.96	66.20	<4.00	2290.0	900	10
3/18/2009	12:45	Ten Mile River at outlet of Omega Pond	RIVER			7.29	7.81	1310.00	8.86	<7.00	7.53	1980.0	1470	12
4/1/2009	13:15	Nutrient Blank						<6.0	<1.5	<7.00	<4.00	<20	<100	
4/1/2009	8:55	Conimicut Point	BAY	0.6	25.92	6.10		108.00	4.02	44.00	5.42	207.0	257	38
4/1/2009	10:10	Edgewood Yacht Club	BAY	0.5	20.06	6.93		381.00	11.10	226.00	<4.00	752.0	981	12
4/1/2009	9:55	Pomham Rocks	BAY	0.5	22.22	6.41		244.00	8.31	182.00	16.50	510.0	533	48
4/1/2009	12:52	India Point Park	BAY	0.5	15.35	7.27		477.00	12.80	212.00	23.40	1090.0	1010	74
4/1/2009	9:25	Bullocks Reach	BAY	0.5	25.33	6.50		127.00	4.77	78.80	9.11	264.0	336	56
4/1/2009	13:35	Phillipsdale Landing	BAY	3.4	25.03	6.04		286.00	8.03	143.00	19.30	624.0	917	52
4/1/2009	9:05	Conimicut Point	BAY	9.8	29.63	5.12		21.30	<1.5	122.00	6.21	58.5	253	60
4/1/2009	10:16	Edgewood Yacht Club	BAY	3.5	28.03	6.19		156.00	5.58	84.20	7.09	238.0	399	60
4/1/2009	10:00	Pomham Rocks	BAY	3.7	27.71	6.02		79.20	3.21	46.50	5.25	174.0	224	66
4/1/2009	13:00	India Point Park	BAY	9.3	29.54	4.74		34.70	<1.5	15.40	8.17	44.5	109	68
4/1/2009	9:30	Bullocks Reach	BAY	6.5	29.22	5.32		22.10	<1.5	<7.00	<4.00	51.2	324	48
4/1/2009	13:26	Phillipsdale Landing	BAY	0.5	6.22	8.15		923.00	21.00	336.00	55.90	1640.0	1380	14
4/1/2009	11:35	Blackstone River at Stateline site	RIVER			8.56	7.48	671.00	25.80	614.00	19.80	1820.0	1440	6
4/1/2009	10:40	Blackstone River at Bikepath bridge at Rt. 116	RIVER			8.53	7.59	771.00	22.80	463.00	24.90	2160.0	1490	2
4/1/2009	8:30	Blackstone River at Slater Dam	RIVER			8.23	8.55	798.00	23.90	371.00	18.60	2230.0	1320	8
4/1/2009	8:35	Blackstone River at Slater Dam	RIVER			8.20	8.19	794.00	23.60	372.00	18.10	2180.0	1350	4
4/1/2009	14:30	Pawtuxet River - terminal falls	RIVER			8.67	7.20	1000.00	22.50	377.00	59.10	2110.0	2220	4
4/1/2009	13:30	Woonasquatucket River at Manton Ave, S-9	RIVER			8.80	7.50	517.00	2.58	10.60	<4.00	1380.0	648	4
4/1/2009	13:05	Moshassuck River at Mill St	RIVER			8.53	7.26	634.00	6.91	53.60	4.92	1800.0	822	6
4/1/2009	13:30	Ten Mile River at outlet of Omega Pond	RIVER			9.31	7.75	1640.00	10.40	<7.0	4.91	1010.0	1680	10
4/1/2009	12:40	Runnins River at River Road on RI-MA Border	RIVER			6.73	7.76	549.00	6.30	<7.00	4.76	1220.0	892	2
4/1/2009	11:40	Palmer River at Route 6 in Rehoboth	RIVER			8.17	7.23	291.00	4.21	29.90	7.89	373.0	650	4
4/1/2009	10:55	Warren Resovoir/Kickemuit River at Schoolhouse Rd	RIVER			9.40	8.09	343.00	9.05	21.80	5.97	573.0	744	8
4/1/2009	10:23	Coles River at Milford Rd in Swansea	RIVER			8.98	8.91	230.00	1.60	23.00	5.03	313.0	574	6
4/1/2009	9:53	Lee's River at Rt. 6 in Swansea	RIVER			8.15	7.61	110.00	1.96	44.00	4.85	428.0	273	52
4/1/2009	9:09	Taunton River at Berkley Bridge	RIVER			8.06	8.91	557.00	8.07	15.30	12.60	1120.0	847	4
4/1/2009	14:40	Nutrient Blank						<6.00	<1.5	<7.00	<4.00	<20	<100	

Collection Date	Collection Time	Station	Waterbody	Depth (meters)	Salinity (ppt)	Temp (°C)	pH	NUTRIENT PARAMETERS						TSS (ppm)
								NO3+NO2 (ppb)	Nitrite (ppb)	NH3 (ppb)	Ortho-Phosphate (ppb)	Silicate (ppb)	Total Dissolved Nitrogen (ppb)	
4/1/2009	13:40	Nutrient Blank						<6.0	<1.5	<7.00	<4.00	<20	<100	
4/15/2009	13:43	Nutrient Blank						<6.0	<1.5	<7.00	<4.00	<20	<100	
4/15/2009	8:35	Nutrient Blank						<6.0	1.50	<7.00	<4.00	<20	<100	
4/15/2009	9:44	Conimicut Point	BAY	0.6	20.70	8.08		218.00	8.44	143.00	11.60	713.0	715	224
4/15/2009	10:13	Edgewood Yacht Club	BAY	0.5	16.66	8.80		366.00	12.00	233.00	6.28	1000.0	541	178
4/15/2009	10:31	Pomham Rocks	BAY	0.5	20.13	8.59		281.00	16.10	203.00	8.14	768.0	569	142
4/15/2009	13:00	India Point Park	BAY	0.5	13.22	9.76		492.00	14.40	131.00	24.00	1220.0	714	154
4/15/2009	9:15	Bullocks Reach	BAY	0.5	18.83	8.40		258.00	11.00	205.00	6.25	846.0	593	192
4/15/2009	13:34	Phillipsdale Landing	BAY	0.5	4.05	10.60		804.00	18.80	180.00	53.20	1690.0	1260	26
4/15/2009	8:55	Blackstone River at Slater Dam	RIVER			9.43	8.15	723.00	23.00	167.00	172.00	1580.0	1020	46
4/15/2009	14:00	Pawtuxet River - terminal falls	RIVER			10.32	7.45	607.00	8.99	160.00	23.90	1710.0	843	148
4/15/2009	10:35	Woonasquatucket River at Valley- Nutrients-NBC	RIVER			10.06	7.98	485.00	2.33	<7	<4	1430.0	579	138
4/15/2009	13:00	Woonasquatucket River at Manton Ave, S-9	RIVER			10.71	7.83	463.00	2.73	<7	<4	1520.0	569	8
4/15/2009	13:30	Moshassuck River at Mill St	RIVER			10.81	7.31	507.00	5.49	37.40	<4	2160.0	654	32
4/15/2009	9:50	Moshassuck River at Higginson Ave, S-1	RIVER			8.77	8.00	316.00	3.15	<7	<4	2360.0	435	6
4/15/2009	8:25	Ten Mile River at outlet of Omega Pond	RIVER			9.53	8.55	1040.00	7.03	<7.0	8.45	1480.0	1220	2
5/6/2009	8:45	River-Bay Nutrients - Nutrient Blank						<6.0	<1.5	<7.00	<4.00	<20	<100	
5/6/2009	10:45	River-Bay Nutrients - Nutrient Blank						<6.0	<1.5	<7.00	<4.00	<20	<100	
5/6/2009	10:57	River-Bay Nutrients - Nutrient Blank						<6.0	<1.5	<7.00	<4.00	<20	<100	
5/6/2009	9:12	Conimicut Point	BAY	0.5	17.28	12.27		258.00	20.30	15.90	<4.00	204.0	532	46
5/6/2009	9:20	Conimicut Point	BAY	9.5	30.05	9.25		10.50	<1.5	<7.00	4.34	175.0	<100	58
5/6/2009	10:50	Edgewood Yacht Club	BAY	0.5	23.27	11.77		255.00	17.70	143.00	32.40	354.0	540	44
5/6/2009	10:54	Edgewood Yacht Club	BAY	1.9	27.30	11.77		219.00	15.00	117.00	18.80	344.0	660	48
5/6/2009	10:30	Pomham Rocks	BAY	0.5	18.45	11.57		388.00	17.80	177.00	40.90	637.0	885	42
5/6/2009	10:33	Pomham Rocks	BAY	8.1	29.54	9.30		12.60	<1.5	9.49	12.50	184.0	231	68
5/6/2009	12:54	India Point Park	BAY	0.5	12.05	12.65		828.00	26.50	148.00	50.10	1090.0	1170	32
5/6/2009	12:59	India Point Park	BAY	772.0	28.91	8.78		30.90	<1.5	106.00	24.70	156.0	368	54
5/6/2009	9:55	Bullocks Reach	BAY	0.5	17.59	11.72		358.00	20.40	152.00	24.20	591.0	763	38
5/6/2009	9:55	Bullocks Reach	BAY	0.5	17.59	11.72		356.00	20.10	129.00	24.60	590.0	734	44
5/6/2009	9:59	Bullocks Reach	BAY	6.9	29.74	9.47		9.50	<1.5	<7.00	5.30	198.0	256	64
5/6/2009	13:45	Phillipsdale Landing	BAY	0.5	11.14	13.17	6.84	530.00	19.20	171.00	41.30	844.0	947	60
5/6/2009	13:45	Phillipsdale Landing	BAY	1.9	26.60	12.23	7.81	839.00	23.70	95.20	71.30	1100.0	1230	36
5/6/2009	8:45	Blackstone River at Stateline site	RIVER			13.83	7.96	1320.00	67.80	215.00	15.70	972.0	1660	10
5/6/2009	9:45	Blackstone River at Slater Dam	RIVER			14.19	7.82	1220.00	41.80	43.90	11.60	1680.0	1530	14
5/6/2009	13:50	Pawtuxet River - terminal falls	RIVER			13.40	7.54	624.00	45.70	<7	24.40	1700.0	850	10
5/6/2009	13:00	Woonasquatucket River at Valley	RIVER			13.79	7.63	464.00	3.57	<7	4.32	1320.0	621	8
5/6/2009	12:35	Moshassuck River at Mill St	RIVER			12.98	7.51	305.00	6.31	32.30	4.08	1750.0	514	8
5/6/2009	10:35	Ten Mile River at outlet of Omega Pond	RIVER			14.75	7.55	1080.00	10.60	33.10	12.20	307.0	1150	18
5/6/2009	12:42	Runnins River at River Road on RI-MA Border	RIVER			11.92	6.94	389.00	4.03	<7	6.17	1630.0	710	4
5/6/2009	11:32	Palmer River at Route 6 in Rehoboth	RIVER			12.38	6.96	236.00	2.92	32.00	15.20	514.0	640	18
5/6/2009	11:32	Palmer River at Route 6 in Rehoboth	RIVER			12.38	6.96	230.00	2.33	21.50	14.20	391.0	612	12
5/6/2009	10:50	Warren Resovoir/Kickemuit River at Schoolhouse Rd	RIVER			12.57	7.37	241.00	12.10	40.60	7.96	303.0	668	4
5/6/2009	10:25	Coles River at Milford Rd in Swansea	RIVER			13.75	7.43	95.10	1.50	38.90	21.40	96.3	637	6
5/6/2009	10:01	Lee's River at Rt. 6 in Swansea	RIVER			12.99	7.53	148.00	3.51	23.00	5.16	347.0	441	6
5/6/2009	9:02	Taunton River at Berkley Bridge	RIVER			13.58	7.89	534.00	6.78	<7.00	15.40	191.0	836	6
5/20/2009	8:10	Nutrient Blank						16.00	<1.5	<7.00	<4.00	<20	<100	
5/20/2009	14:15	Nutrient Blank						<6.0	<1.5	<7.00	<4.00	<20	<100	
5/20/2009	8:50	Blackstone River at Slater Dam	RIVER			15.64	8.06	1360.00	39.40	65.70	36.00	1670.0	1430	2
5/20/2009	14:05	Pawtuxet River	RIVER			16.28	7.34	871.00	12.70	58.40	27.30	2130.0	1150	2
5/20/2009	13:05	Woonasquatucket River at Valley	RIVER			17.27	7.41	566.00	4.79	34.50	7.71	1600.0	732	2
5/20/2009	13:05	Woonasquatucket River at Valley	RIVER			17.27	7.41	571.00	4.51	27.40	5.37	1240.0	776	6
5/20/2009	12:35	Woonasquatucket River at Manton Ave	RIVER			17.61	7.48	454.00	3.95	41.90	7.56	1350.0	670	4
5/20/2009	10:20	Moshassuck River at Mill St	RIVER			15.25	7.44	469.00	15.70	110.00	5.42	2870.0	726	4

Collection Date	Collection Time	Station	Waterbody	Depth (meters)	Salinity (ppt)	Temp (°C)	pH	NUTRIENT PARAMETERS						TSS (ppm)
								NO3+NO2 (ppb)	Nitrite (ppb)	NH3 (ppb)	Ortho-Phosphate (ppb)	Silicate (ppb)	Total Dissolved Nitrogen (ppb)	
5/20/2009	9:25	Moshassuck River at Higginson Ave	RIVER			13.66	7.74	133.00	4.27	25.40	5.80	1650.0	344	2
5/20/2009	8:20	Ten Mile River at outlet of Omega Pond	RIVER			16.81	8.29	1260.00	15.20	65.10	23.50	1420.0	1470	8
5/20/2009	9:30	Conimicut Point	BAY	0.5	22.66	14.67		166.00	11.40	<7.00	6.27	465.0	378	44
5/20/2009	8:25	Edgewood Yacht Club	BAY	0.6	20.09	14.39		350.00	48.30	218.00	57.70	851.0	1120	40
5/20/2009	9:55	Pomham Rocks	BAY	0.5	18.87	14.70		349.00	32.00	106.00	40.30	904.0	780	36
5/20/2009	13:40	India Point Park	BAY	0.5	10.59	17.95		882.00	25.80	<7.00	79.50	1340.0	1280	16
5/20/2009	8:55	Bullocks Reach Buoy	BAY	0.5	22.21	14.45		154.00	10.20	20.60	8.84	466.0	354	42
5/20/2009	13:00	Phillipsdale Landing	BAY	0.5	4.36	22.20		1390.00	34.00	12.90	186.00	1540.0	1700	14
5/27/2009	11:40	Nutrient Blank						<6.0	<1.5	<7.00	<4.00	<20	<100	
5/27/2009	14:20	Nutrient Blank						<6.0	<1.5	<7.00	<4.00	<20	<100	
5/27/2009	13:21	Nutrient Blank						24.40	<1.5	<7.00	<4.00	<20	<100	
5/27/2009	10:20	Blackstone River at Stateline site	RIVER			18.98	7.68	1430.00	58.40	336.00	30.20	1800.0	1720	14
5/27/2009	9:30	Blackstone River at Slater Dam	RIVER			16.78	7.69	1490.00	24.70	41.40	17.00	1880.0	1720	10
5/27/2009	14:05	Pawtuxet River	RIVER			14.88	7.66	1020.00	10.70	80.30	17.10	2120.0	1290	2
5/27/2009	13:10	Woonasquatucket River at Valley	RIVER			15.26	8.44	628.00	7.30	65.00	8.66	1440.0	833	10
5/27/2009	12:50	Moshassuck River at Mill St	RIVER			14.66	7.65	648.00	29.60	215.00	22.30	2640.0	1060	12
5/27/2009	9:00	Ten Mile River at outlet of Omega Pond	RIVER			18.99	8.63	1430.00	17.30	27.60	5.92	137.0	1670	12
5/27/2009	8:30	Runnins River at River Road on RI-MA Border	RIVER			13.97	7.34	742.00	14.50	80.20	6.10	3450.0	1140	12
5/27/2009	9:00	Palmer River at Route 6 in Rehoboth	RIVER			17.30	7.32	326.00	7.07	66.70	11.50	1070.0	734	24
5/27/2009	9:40	Warren Resovoir/Kickemuit River at Schoolhouse Rd	RIVER			17.70	7.65	232.00	18.10	63.10	7.66	961.0	783	16
5/27/2009	10:15	Coles River at Milford Rd in Swansea	RIVER			16.77	7.31	182.00	5.32	40.90	23.00	538.0	814	10
5/27/2009	10:45	Lee's River at Rt. 6 in Swansea	RIVER			16.91	7.30	26.80	3.96	19.90	18.30	433.0	274	46
5/27/2009	11:30	Taunton River at Berkley Bridge	RIVER			17.65	7.58	726.00	11.20	90.40	37.10	842.0	1110	28
5/27/2009	11:30	Taunton River at Berkley Bridge	RIVER			17.65	7.58	744.00	10.40	89.80	33.80	1330.0	891	28
5/27/2009	8:40	Phillipsdale Landing	BAY	0.5	17.42	16.32	7.73	792.00	16.00	42.20	70.80	949.0	983	30
5/27/2009	8:45	Phillipsdale Landing	BAY	1.1	17.69	16.31	7.46	1180.00	14.80	65.60	66.10	916.0	724	44
5/27/2009	9:15	Conimicut Point	BAY	0.5	25.49	15.26		11.70	<1.5	<7.00	<4.00	60.7	224	70
5/27/2009	9:24	Conimicut Point	BAY	9.3	29.58	12.38		19.80	<1.5	27.80	19.00	252.0	205	52
5/27/2009	10:45	Edgewood Yacht Club	BAY	0.5	20.95	15.88		268.00	29.40	17.50	7.74	518.0	618	38
5/27/2009	10:47	Edgewood Yacht Club	BAY	3.2	25.54	15.46		271.00	32.20	101.00	20.90	548.0	585	24
5/27/2009	10:23	Pomham Rocks	BAY	0.4	21.70	15.80		254.00	26.30	34.60	9.97	492.0	619	52
5/27/2009	10:27	Pomham Rocks	BAY	7.0	26.77	14.63		103.00	12.40	53.60	12.10	362.0	518	42
5/27/2009	13:13	India Point Park	BAY	0.5	21.76	15.23		347.00	21.30	77.80	35.40	662.0	630	128
5/27/2009	13:17	India Point Park	BAY	8.5	27.98	12.81		84.00	9.16	106.00	32.40	391.0	480	52
5/27/2009	9:45	Bullocks Reach Buoy	BAY	0.5	23.72	15.60		57.20	7.50	7.37	<4.00	183.0	226	42
5/27/2009	9:48	Bullocks Reach Buoy	BAY	7.7	29.05	12.78		19.20	<1.5	26.50	13.00	215.0	157	52
6/10/2009	9:20	Blackstone River @ Slater Dam	RIVER			18.65	7.88	1420.00	13.50	47.60	7.29	1300.0	1780	10
6/10/2009	13:05	Pawtuxet River @ Terminal Falls	RIVER			17.55	6.80	305.00	28.80	212.00	38.80	692.0	648	48
6/10/2009	11:05	Woonasquatucket River @ Valley Street	RIVER			17.35	7.52	607.00	6.67	33.40	8.96	1600.0	816	4
6/10/2009	10:40	Woonasquatucket River @ Manton Ave.	RIVER			17.86	7.57	471.00	6.49	38.00	5.38	1120.0	695	8
6/10/2009	11:30	Moshassuck River @ Mill St	RIVER			15.59	7.28	1180.00	77.90	155.00	5.82	2570.0	1620	6
6/10/2009	10:05	Moshassuck River @ Higginson Ave	RIVER			16.96	7.65	240.00	15.80	122.00	8.97	2020.0	570	6
6/10/2009	8:35	Ten Mile River @ outlet of Omega Pond	RIVER			19.17	8.25	1470.00	4.17	59.20	6.60	159.0	1600	8
6/10/2009	8:50	Nutrient Blank						<6.0	<1.5	<7.00	<4.00	<20	<100	
6/10/2009	8:30	Nutrient Blank						<6.0	<1.5	<7.00	<4.00	<20	<100	
6/10/2009	9:40	Conimicut Point	BAY	0.5	23.53	17.11		13.10	<1.5	<7.00	<4.00	71.4	226	50
6/10/2009	9:40	Conimicut Point	BAY	0.5	23.53	17.11		12.70	<1.5	<7.00	<4.00	74.0	202	60
6/10/2009	8:50	Edgewood Yacht Club	BAY	0.5	22.86	17.04		244.00	45.90	121.00	30.60	265.0	605	42
6/10/2009	10:15	Pomham Rocks	BAY	0.5	23.90	17.19		192.00	29.00	92.70	32.40	262.0	471	60
6/10/2009	13:55	India Point Park	BAY	0.5	21.96	16.42		399.00	14.40	119.00	64.30	504.0	681	56
6/10/2009	9:20	Bullocks Reach Buoy	BAY	0.5	23.79	17.37		40.20	6.74	<7.00	<4.00	83.0	228	54
6/10/2009	13:20	Phillipsdale Landing	BAY	0.5	14.10	17.97		918.00	16.50	110.00	135.00	936.0	1050	44
6/24/2009	14:27	Nutrient Blank						<6.0	<1.5	<7.00	<4.00	<20	<100	

Collection Date	Collection Time	Station	Waterbody	Depth (meters)	Salinity (ppt)	Temp (°C)	pH	NUTRIENT PARAMETERS						TSS (ppm)
								NO3+NO2 (ppb)	Nitrite (ppb)	NH3 (ppb)	Ortho-Phosphate (ppb)	Silicate (ppb)	Total Dissolved Nitrogen (ppb)	
6/24/2009	8:30	Nutrient Blank						<6.0	<1.5	<7.00	<4.00	<20	<100	
6/24/2009	11:05	Nutrient Blank						<6.0	<1.5	<7.00	<4.00	<20	<100	
6/24/2009	11:00	Blackstone River @ Stateline	RIVER					859.00	37.00	50.30	30.30	2440.0	1180	12
6/24/2009	9:35	Blackstone River @ Slater Dam	RIVER			no temp	no ph	994.00	20.10	54.90	38.80	2550.0	1280	14
6/24/2009	9:35	Blackstone River @ Slater Dam	RIVER			no temp	no ph	985.00	20.30	53.70	39.60	2560.0	1270	14
6/24/2009	14:00	Pawtuxet River @ Terminal Falls	RIVER			no temp	no ph	844.00	26.90	94.00	31.20	2240.0	1230	6
6/24/2009	13:30	Woonasquatucket River @ Valley Street	RIVER			no temp	no ph	513.00	5.19	28.40	9.03	1670.0	748	8
6/24/2009	11:50	Moshassuck River @ Mill St	RIVER			no temp	no ph	505.00	17.00	99.20	5.70	2990.0	808	8
6/24/2009	13:25	Ten Mile River @ outlet of Omega Pond	RIVER			18.99	8.11	1520.00	25.80	277.00	13.10	918.0	2000	16
6/24/2009	12:26	Runnins River at River Road on RI-MA Border	RIVER			16.72	8.33	450.00	8.52	27.00	10.80	3570.0	934	2
6/24/2009	11:18	Palmer River @ Route 6 in Rehoboth	RIVER			17.50	6.39	71.20	3.03	70.90	20.30	1620.0	450	46
6/24/2006	10:35	Warren Resovoir/Kickemuit River at Schoolhouse Rd	RIVER			17.90	7.93	209.00	19.50	120.00	16.80	1030.0	897	2
6/24/2009	10:10	Coles River @ Milford Rd, Swansea	RIVER			17.66	8.66	114.00	3.10	73.00	36.80	729.0	1000	2
6/27/2009	9:48	Lee's River at Rt. 6 in Swansea	RIVER			18.00	7.24	16.80	<1.5	27.40	32.60	859.0	230	56
6/24/2009	8:31	Taunton River @ Berkley Bridge	RIVER			17.14	9.14	528.00	7.50	33.70	21.00	2300.0	854	10
6/24/2009	9:25	Conimicut Point	BAY	0.5	26.88	16.99	7.81	86.20	5.35	<7.00	25.60	715.0	269	66
6/24/2009	9:30	Conimicut Point	BAY	8.3	29.39	16.24	8.27	15.90	<1.5	32.60	24.40	288.0	184	92
6/24/2009	10:25	Edgewood Yacht Club	BAY	0.5	23.90	17.00	7.75	84.60	3.96	32.80	32.60	663.0	293	72
6/24/2009	10:35	Edgewood Yacht Club	BAY	2.7	27.29	16.70	7.64	390.00	15.20	45.90	40.70	944.0	454	70
6/24/2009	13:05	Pomham Rocks	BAY	0.6	25.11	17.15	7.81	112.00	7.03	10.80	35.40	884.0	290	68
6/24/2009	13:10	Pomham Rocks	BAY	4.4	29.02	16.15	7.59	29.40	<1.5	81.90	39.40	539.0	277	76
6/24/2009	13:33	India Point Park	BAY	0.7	19.86	17.10	7.59	356.00	9.39	68.10	56.40	1230.0	610	50
6/24/2009	13:40	India Point Park	BAY	3.9	22.17	16.80	7.53	274.00	7.06	85.80	58.20	1070.0	527	62
6/24/2009	9:50	Bullocks Reach	BAY	0.5	26.55	16.94	7.78	79.90	3.73	<7.00	25.70	645.0	248	80
6/24/2009	9:55	Bullocks Reach	BAY	7.2	29.05	16.34	7.68	23.00	<1.5	41.40	26.20	462.0	218	68
6/24/2009	14:40	Phillipsdale Landing	BAY	0.6	18.74	17.38	7.37	397.00	14.70	130.00	101.00	1300.0	752	62
6/24/2009	14:45	Phillipsdale Landing	BAY	0.0	14.77	17.87	7.60	592.00	19.60	116.00	134.00	1620.0	1100	48
7/15/2009	13:35	Nutrient Blank	BAY					<6.0	<1.5	<7.00	<4.00	<20	166	28
7/15/2009	9:50	Conimicut Point	BAY	0.5	21.62	20.90	8.15	8.16	<1.5	7.76	20.00	899.0	268	28
7/15/2009	9:50	Conimicut Point	BAY	0.5	21.62	20.90	8.15	<6.0	<1.5	<7.00	20.80	896.0	255	28
7/15/2009	10:48	Edgewood Yact Club	BAY	0.6	22.95	21.34	8.13	7.68	<1.5	<7.00	30.50	968.0	514	28
7/15/2009	10:17	Pomham Rocks	BAY	0.5	19.36	20.60	7.74	262.00	10.70	74.00	63.80	1540.0	555	
7/15/2009	12:57	India Point Park	BAY	0.5	20.98	21.30	7.98	250.00	6.98	<7.00	43.30	1490.0	405	
7/15/2009	9:36	Bullocks Reach Buoy	BAY	0.5	23.54	20.70	7.98	<6.0	<1.5	<7.00	20.80	421.0	334	
7/15/2009	1:30	Phillipsdale Landing	BAY	0.6	4.80	22.49	7.78	742.00	16.50	69.10	83.00	1520.0	1300	
7/15/2009	13:50	Nutrient Blank						<6.0	<1.5	<7.00	<4.00	<20	<100	
7/15/2009	13:30	Ten Mile @ Outlet of Omega Pond	RIVER			22.33	7.58	1050.00	20.60	63.10	24.20	2440.0	1640	
7/15/2009	12:50	Runnins River at River Road	RIVER			19.08	7.55	476.00	4.92	16.50	7.15	3660.0	955	
7/15/2009	11:40	Palmer River at Route 6 in Rehoboth	RIVER			21.55	6.80	162.00	3.28	39.50	19.40	1430.0	807	
7/15/2009	11:15	Warren Resovoir/Kickemuit River at Schoolhouse Rd	RIVER			20.30	7.87	206.00	6.95	18.70	16.80	1810.0	785	
7/15/2009	10:45	Coles River at Milford Rd in Swansea	RIVER			20.71	8.43	78.80	<1.5	12.50	40.70	1170.0	747	
7/15/2009	10:15	Lee's River at Rt. 6 in Swansea	RIVER			20.30	8.24	17.40	<1.5	8.94	44.70	1410.0	392	
7/15/2009	9:30	Taunton River at Berkley Bridge	RIVER			20.74	8.20	438.00	7.20	24.90	33.00	15.4	937	
7/15/2009	11:04	Nutrient Blank						<6.0	<1.5	<7.00	2.03	<20	<100	
7/15/2009	10:54	Blackstone River @ Stateline	RIVER			20.41	7.39	864.00	38.40	55.30	80.30	1840.0	1140	
7/15/2009	10:15	Blackstone River @ Bikepath at Rt. 116	RIVER			20.81	7.59	708.00	12.10	10.40	52.80	2310.0	967	
7/15/2009	9:14	Blackstone River @ Slater Dam	RIVER			20.63	7.73	778.00	15.00	22.70	56.10	1860.0	951	
7/15/2009	13:47	Pawtuxet @ Terminal Falls	RIVER			21.50	7.23	469.00	8.21	48.30	54.90	1920.0	980	
7/15/2009	12:47	Woonasquatucket @ Manton Ave	RIVER			22.23	7.57	343.00	3.53	14.10	7.54	1600.0	578	
7/15/2009	13:09	Woonasquatucket @ Valley Street	RIVER			21.62	7.64	469.00	3.28	<7	6.57	1660.0	674	
7/15/2009	11:56	Moshassuck @ Higginson Ave, S-1	RIVER			21.33	7.46	167.00	5.83	29.80	8.65	2060.0	443	
7/15/2009	8:52	Moshassuck @ Mill St	RIVER			18.61	7.93	544.00	13.00	85.50	3.25	3000.0	837	
7/29/2009	9:10	Conimicut Point	BAY	0.5	13.16	24.68	8.59	9.68	<1.5	10.10	<4.00	691.0	323	40

Collection Date	Collection Time	Station	Waterbody	Depth (meters)	Salinity (ppt)	Temp (°C)	pH	NUTRIENT PARAMETERS						TSS (ppm)
								NO3+NO2 (ppb)	Nitrite (ppb)	NH3 (ppb)	Ortho-Phosphate (ppb)	Silicate (ppb)	Total Dissolved Nitrogen (ppb)	
7/29/2009	8:40	Bullocks Reach	BAY	0.5	10.03	24.87	8.33	171.00	21.40	<7.00	<4.00	1310.0	452	36
7/29/2009	10:00	Edgewood Yacht Club	BAY	0.5	8.77	24.42	7.75	379.00	18.20	107.00	71.50	1720.0	736	30
7/29/2009	12:35	Pomham Rocks	BAY	0.5	8.57	24.85	8.21	305.00	25.90	<7.00	31.00	1690.0	567	78
7/29/2009	10:12	Nutrient Blank						<6.0	<1.5	<7.00	<4.00	<20	<100	
7/29/2009	9:05	Nutrient Blank						<6.0	<1.5	<7.00	<4.00	<20	<100	
7/29/2009	13:30	Phillipsdale Landing	BAY	0.5	1.11	24.53	8.16	612.00	9.77	81.10	71.70	2130.0	935	8
7/29/2009	8:51	Ten Mile River at outlet of Omega Pond	RIVER			24.50	7.92	904.00	12.40	51.10	32.40	2320.0	1270	4
7/29/2009	10:05	Blackstone River at Slater Dam	RIVER			23.89	7.53	489.00	7.89	21.30	31.50	2220.0	812	<2.0
7/29/2009	10:05	Blackstone River at Slater Dam	RIVER			23.89	7.53	486.00	9.63	28.40	33.90	2440.0	777	<2.0
7/29/2009	14:52	Pawtuxet River	RIVER			24.24	7.55	580.00	9.57	53.80	32.30	2540.0	830	<2.0
7/29/2009	10:35	Woonasquatucket River at Valley	RIVER			24.45	7.54	289.00	3.31	19.70	12.30	1710.0	630	6
7/29/2009	11:05	Moshassuck River at Mill St	RIVER			22.61	7.38	490.00	13.00	56.50	5.65	3020.0	724	<2.0
8/12/2009	10:00	Conimicut Point	BAY	0.5	20.95	22.68		25.50	<1.5	<7.00	16.30	402.0	273	62
8/12/2009	9:25	Bullocks Reach	BAY	0.5	21.98	22.71		27.40	<1.5	<7.00	17.10	333.0	262	62
8/12/2009	10:46	Edgewood Yacht Club	BAY	0.6	21.31	22.35		301.00	17.10	126.00	90.60	1450.0	662	42
8/12/2009	13:08	Pomham Rocks	BAY	0.5	23.15	22.66		33.80	<1.5	<7.00	43.70	651.0	290	54
8/12/2009	14:55	India Point Park	BAY	0.5	22.20	22.21		271.00	7.36	79.70	87.40	1490.0	555	60
8/12/2009	14:22	Nutrient Blank						<6.0	<1.5	<7.00	<4.00	<20	<100	
8/12/2009	13:45	Nutrient Blank				N/A	N/A	<6.0	<1.5	<7.00	<4.00	<20	<100	
8/12/2009	10:05	Nutrient Blank						<6.0	<1.5	<7.00	<4.00	<20	<100	
8/12/2009	14:14	Phillipsdale Landing	BAY	0.5	9.15	23.21		865.00	10.20	34.20	78.20	2520.0	1060	22
8/12/2009	13:40	Ten Mile River at outlet of Omega Pond	RIVER			N/A	N/A	1270.00	19.70	26.00	23.60	632.0	1550	6
8/12/2009	12:28	Runnins River at River Road on RI-MA Border	RIVER			N/A	N/A	584.00	6.34	29.40	4.37	4790.0	929	4
8/12/2009	11:40	Palmer River at Route 6 in Rehoboth	RIVER			N/A	N/A	148.00	1.75	26.90	27.20	2060.0	559	34
8/12/2009	11:18	Warren Resovoir/Kickemuit River at Schoolhouse Rd	RIVER			N/A	N/A	261.00	13.20	91.20	9.15	978.0	885	12
8/12/2009	10:42	Coles River at Milford Rd in Swansea	RIVER			N/A	N/A	81.40	<1.50	50.10	37.00	1890.0	933	10
8/12/2009	10:30	Lee's River at Rt. 6 in Swansea	RIVER			N/A	N/A	22.10	<1.5	<7.00	36.70	128.0	325	52
8/12/2009	9:55	Taunton River at Berkley Bridge	RIVER			N/A	N/A	693.00	7.23	45.20	57.80	3570.0	1150	4
8/12/2009	9:55	Blackstone River at Stateline site	RIVER			23.70	7.86	1180.00	8.05	10.80	70.00	2770.0	1430	8
8/12/2009	10:50	Blackstone River at Bikepath bridge at Rt. 116	RIVER			23.99	7.72	1060.00	5.27	<7.00	36.60	3140.0	1290	6
8/12/2009	13:05	Blackstone River at Slater Dam	RIVER			22.80	7.79	971.00	4.62	11.80	27.30	3120.0	1210	2
8/12/2009	14:05	Pawtuxet River	RIVER			23.42	7.37	916.00	17.50	59.50	41.10	2570.0	1170	6
8/12/2009	13:40	Woonasquatucket River at Manton Ave, S-9	RIVER			24.50	7.77	398.00	3.52	12.80	5.36	2220.0	600	4
8/12/2009	14:00	Woonasquatucket River at Valley	RIVER			23.66	7.75	535.00	3.77	<7.0	5.47	2400.0	731	2
8/12/2009	14:00	Woonasquatucket River at Valley	RIVER			23.66	7.75	544.00	3.97	<7.0	5.43	2110.0	732	<2.0
8/12/2009	14:20	Moshassuck River at Mill St	RIVER			21.20	7.60	594.00	15.70	57.20	<4.00	3580.0	826	8
9/2/2009	12:15	Nutrient Blank						<6.0	<1.5	<7.00	<4.00	<20	<100	
9/2/2009	8:45	Phillipsdale Landing	BAY	0.5	6.14	19.15	7.4	989.00	11.20	113.00	190.00	1770.0	1540	60
9/2/2009	8:45	Phillipsdale Landing	BAY	1.7	25.91	21.53	7.01	143.00	8.75	207.00	177.00	1410.0	579	224
9/2/2009	8:45	Phillipsdale Landing	BAY	1.7	25.91	21.53	7.01	137.00	9.03	211.00	176.00	1400.0	553	222
9/2/2009	9:30	Ten Mile @ Outlet of Omega Pond	RIVER			21.67	8.75	1300.00	17.80	<7.0	4.30	71.0	1740	18
9/2/2009	10:20	Blackstone River @ Slater Dam	RIVER			19.11	8.40	807.00	9.14	45.10	80.70	2160.0	1120	4
9/2/2009	15:00	Pawtuxet River @ Terminal Falls	RIVER			20.00	7.59	1140.00	22.10	44.70	30.10	2870.0	1500	8
9/2/2009	13:45	Woonasquatucket River @ Valley Street	RIVER			19.90	7.80	522.00	3.78	<7.0	5.55	2010.0	809	<2.0
9/2/2009	13:00	Moshassuck River @ Mill Street	RIVER			18.27	7.40	576.00	11.50	62.20	4.27	3940.0	929	<2.0
9/3/2009	10:15	Nutrient Blank						<6.0	<1.5	<7.00	<4.00	<20	<100	
9/3/2009	9:23	Conimicut Point	BAY	0.7	26.67	21.23		10.40	<1.5	<7.00	4.94	21.8	268	228
9/3/2009	9:30	Conimicut Point	BAY					26.70	<1.5	92.70	56.00	961.0	415	250
9/3/2009	8:53	Edgewood Yacht Club	BAY	0.7	23.93	21.62		46.70	4.97	7.11	31.30	355.0	306	208
9/3/2009	9:00	Edgewood Yacht Club	BAY	3.2	24.53	22.30		15.30	<1.5	<7.00	18.90	106.0	212	224
9/3/2009	13:00	Pomham Rocks	BAY	0.7	23.17	23.32		12.80	<1.5	<7.00	51.20	772.0	270	300
9/3/2009	13:14	Pomham Rocks	BAY					58.90	3.27	157.00	95.40	1470.0	433	356
9/3/2009	13:30	India Point Park	BAY					619.00	11.60	23.70	141.00	1630.0	855	184

Collection Date	Collection Time	Station	Waterbody	Depth (meters)	Salinity (ppt)	Temp (°C)	pH	NUTRIENT PARAMETERS						TSS (ppm)
								NO3+NO2 (ppb)	Nitrite (ppb)	NH3 (ppb)	Ortho-Phosphate (ppb)	Silicate (ppb)	Total Dissolved Nitrogen (ppb)	
9/3/2009	1:45PM	India Point Park	BAY					74.30	5.26	183.00	116.00	1230.0	429	326
9/3/2009	9:55	Bullocks Reach Buoy	BAY					11.90	<1.5	<7.00	4.15	<20	259	220
9/3/2009	10:00	Bullocks Reach Buoy	BAY					28.40	<1.5	127.00	70.60	1250.0	401	250
9/30/2009	0:00	Nutrient Blank						<6.0	<1.5	<7.00	<4.00	<20	<100	
9/30/2009	0:00	Blackstone River at Stateline site	RIVER			16.99	8.31	1380.00	14.80	23.80	108.00	2070.0	1750	12
9/30/2009	0:00	Pawtuxet River - terminal falls	RIVER			17.76	7.52	1340.00	13.20	40.10	48.00	3020.0	1720	6
9/30/2009	0:00	Woonasquatucket River at Valley	RIVER			16.87	7.75	1030.00	5.14	16.10	4.77	1910.0	1260	10
9/30/2009	0:00	Moshassuck River at Mill St	RIVER			17.56	7.69	639.00	11.90	94.20	10.50	4290.0	1060	12
9/30/2009	0:00	Ten Mile River at outlet of Omega Pond	RIVER			18.50	7.92	1540.00	17.50	78.20	18.50	296.0	2030	16
9/30/2009	0:00	Taunton River at Berkley Bridge	RIVER			17.32	7.96	958.00	6.77	25.40	41.30	2570.0	1340	12
9/30/2009	0:00	Palmer River at Route 6 in Rehoboth	RIVER			18.24	7.04	124.00	2.36	<7.00	<4.00	1180.0	456	26
9/30/2009	0:00	Nutrient Blank						<6.0	<1.5	<7.00	<4.00	<20	105	
9/30/2009	0:00	Conimicut Point	BAY	0.5	26.17	18.69		284.00	18.30	30.00	58.50	745.0	509	52
9/30/2009	0:00	Edgewood Yacht Club	BAY	0.5	25.90	19.24		320.00	24.90	34.70	70.20	689.0	506	52
9/30/2009	0:00	Edgewood Yacht Club	BAY	0.5	25.90	19.24		315.00	24.40	33.60	69.40	696.0	564	46
9/30/2009	0:00	Ponham Rocks	BAY	0.5	23.23	19.27		486.00	22.80	43.70	92.70	809.0	757	50
9/30/2009	0:00	Bullocks Reach	BAY	0.5	25.95	18.81		302.00	23.40	59.20	71.60	779.0	729	78
9/30/2009	0:00	Phillipsdale Landing	BAY	0.5	5.34	17.94	8.20	1650.00	10.20	10.80	150.00	1340.0	3040	18
10/14/2009	14:36	Nutrient Blank						<6.0	<1.5	<7.00	<4.00	<20	<100	
10/14/2009	13:38	Conimicut Point	BAY	0.5	26.74	14.93		218.00	16.10	164.00	62.50	1160.0	615	50
10/14/2009	13:44	Conimicut Point	BAY	8.5	30.26	15.95		115.00	10.70	78.20	43.50	832.0	345	52
10/14/2009	10:30	Edgewood Yacht Club	BAY	0.5	25.78	14.55		247.00	28.20	232.00	75.70	1240.0	793	38
10/14/2009	10:34	Edgewood Yacht Club	BAY	4.3	29.09	16.30		140.00	15.70	213.00	61.70	1280.0	578	48
10/14/2009	10:53	Pomham Rocks	BAY	0.5	26.55	14.32		212.00	19.00	228.00	69.50	1210.0	724	44
10/14/2009	10:57	Pomham Rocks	BAY	5.3	29.11	16.36		131.00	13.30	160.00	59.30	1080.0	454	50
10/14/2009	14:21	India Point Park	BAY	0.5	24.80	16.12		243.00	11.00	151.00	71.50	1140.0	686	44
10/14/2009	14:25	India Point Park	BAY	8.0	29.89	16.97		99.10	9.34	152.00	57.90	983.0	416	48
10/14/2009	9:36	Bullocks Reach Buoy	BAY	0.5	26.60	14.70		214.00	16.70	178.00	66.30	1160.0	574	48
10/14/2009	9:45	Bullocks Reach Buoy	BAY	7.0	29.11	15.54		132.00	12.50	127.00	50.20	1020.0	441	44
10/15/2009	9:00	Phillipsdale Landing	BAY	0.5	15.58	12.92	7.34	1120.00	12.20	110.00	299.00	1470.0	1400	14
10/15/2009	9:10	Phillipsdale Landing	BAY	0.7	15.69	13.38	7.36	1040.00	11.90	112.00	267.00	1540.0	1380	16
10/15/2009	13:10	Nutrient Blank						<6.0	<1.5	<7.00	<4.00	<20	<100	
10/15/2009	12:55	Pawtuxet @ Terminal Falls	BAY			11.69	7.74	1360.00	13.70	55.00	63.20	2340.0	1950	2

	Woonasquatucket River						Enterococci data	West River		Providence River	Seekonk River
Date	S-9 Manton Ave	S-8A Olneyville Square	S-8C Delaine St.	S-8 Atwells Ave	S-7B Pleasant Valley Pkwy	S-7A Kinsley St.	S-8 Atwells Ave	S-10 Douglas Ave	S-11 West Rver St.	S-12 Crawford St.	SR-5A Pitman St.
1/5/2009	40	230	230	92	230	90				90	
1/6/2009				40		<30.	7	<30.	<30.	90	
1/12/2009				<30.		90	11	210	<30.	<30.	
1/13/2009	<30.	40	90	53	40	930				90	
1/20/2009	150	230	70	102	40	70				40	
1/21/2009				40		150	10	70	90	430	
1/26/2009	40	40	150	3005	1500	930				2300	
1/27/2009				2400		1500	411	430	40	930	
2/2/2009	230	230	40	1056	430	930				230	
2/3/2009				1386		930	866	230	200	150	
2/9/2009	90	<30.	90	60	90	40				90	
2/10/2009				40		90	10	230	90	40	
2/16/2009	90	40	40	35	40	40				230	
2/17/2009				40		40	44	40	<30.	90	
2/23/2009	150	90	150	314	430	230				230	
2/24/2009				40		<30.	12	<30.	90	90	430
3/3/2009	40	30	90	220	70	<30.				30	
3/4/2009				90		230	3	40	40	40	
3/9/2009	430	750	230	314	430	430				4300	
3/10/2009				90		430	67	430	430	430	
3/16/2009	40	<30.	<30.	144	750	430				70	
3/17/2009				430		150	579	430	40	150	
3/23/2009	90	40	90	60	<30.	40				230	
3/24/2009				<30.		70	5	230	<30.	40	
3/30/2009	90	150	230	220	930	90				1500	
3/31/2009				40		230	20	30	<30.	230	90
4/6/2009	40	40	40	90	150	430				<30.	
4/7/2009				90		430	140	150	430	2100	4,300.00
4/13/2009	40	40	40	30	30	40				150	
4/14/2009				40		40	13	750	30	230	<30.
4/20/2009	40	<30.	40	90	90	40				90	
4/21/2009	1463	632	950	556		750	1046	430	2300	930	930
4/27/2009	40	40	90	96	90	40				40	
4/28/2009				90		40	10	210	40	90	40
5/4/2009	40	<30.	150	83	<30.	30				150	
5/5/2009				230		430	77	70	430	2300	4300
5/11/2009	<30.	230	90	35	230	930				430	
5/12/2009				40		150	12	230	230	230	70.00
5/18/2009	90	70	150	144	90	90				230	
5/19/2009				90		150	24	430	430	2300	90
5/21/2009										3900	
5/26/2009	230	930	1500	314	430	230				930	
5/27/2009				430		9300	98	4300	9300	2300	40
6/1/2009	40	150	930	462	230	430				24000	
6/2/2009				430		150	20	430	4300	930	<30.
6/8/2009	40	930	230	197	430	2300				430	
6/9/2009				230		430	58	2300	430	930	430
6/15/2009	430	930	430	2300	930	1500				4300	
6/16/2009				230		24000	83	750	2300	4300	430
6/22/2009	930	2300	7500	9300	7500	9300				24000	
6/23/2009				430		2300	127	430	2300	9300	430
6/29/2009	4300	930	9300	803	2300	4300				15000	
6/30/2009				930		430		2300	430	4300	150.00
7/6/2009	930	1500	930	568	230	750				2300	
7/7/2009				1500		930		430	1500	2300	110

Table 25: Woonasquatucket, West, Providence, and Seekonk Rivers Fecal Coliform Data

	Woonasquatucket River						Enterococci data	West River		Providence River	Seekonk River
Date	S-9 Manton Ave	S-8A Olneyville Square	S-8C Delaine St.	S-8 Atwells Ave	S-7B Pleasant Valley Pkwy	S-7A Kinsley St.	S-8 Atwells Ave	S-10 Douglas Ave	S-11 West Rver St.	S-12 Crawford St.	SR-5A Pitman St.
7/13/2009	230	430	430	632	930	930				750	
7/14/2009				150		2300	33	430	1500	2300	230
7/16/2009						2300			930	2300	
7/20/2009	430	430	430	2419	430	2300				4300	
7/21/2009				46000		24000	1756	46000	24000	46000	46000
7/27/2009	230	1500	930	462	430	930				1500	
7/28/2009				930		930	62	2300	930	2300	
7/30/2009		930						4300	4300	2300	
8/3/2009	930	2300	430	632	2100	930				430	
8/4/2009				9300		4300	60	1500	4300	4300	1500
8/11/2009	430	430	930	314	430	930				2300	
8/12/2009				4300		9300	178	430	4300	9300	230
8/17/2009	430	230	230	430	230	1500				1500	
8/18/2009				2300		9300	418	430	930	2300	430
8/20/2009						930					
8/24/2009	230	640	150	14940	2300	6400		750	2300	4300	
8/25/2009				430		46000	18			930	90
8/31/2009	930	750	930	632	430	4300				1500	
9/1/2009				230		2300	36	2300	2300	2300	24000
9/3/2009	430			430	2100	3862				2300	
9/8/2009	430	4300	230	40	4300	4300		230	430	430	
9/9/2009				430		2300	11			430	40
9/10/2009	930	230	430	90	430	1463					
9/14/2009	930	430	430	1061	430	9300				930	
9/15/2009				430		4300	62	4300	2300	930	230
9/21/2009	40	90	930	314	2300	2300				2300	
9/22/2009				90		430	14	930	430	2300	90
9/24/2009					430	1500				4300	
9/26/2009	40			430		994		930			
9/27/2009	9300			4300		14940		46000			
9/28/2009	90			930		4300		2300			
9/29/2009	230			2300		2300	311	4300	2300	4300	230
10/5/2009		230	430	230	2300	430				9300	
10/6/2009				430		430	16	15000	930	430	930
10/13/2009	110	230	150		150	430				430	
10/14/2009				90		430	19	230	930	430	430
10/19/2009	930	1500	750	632	1500	1500				2300	
10/20/2009				430		430	72	90	430	230	750.00
10/23/2009	<30.			90		314		40			
10/24/2009	90			90		254		4300			
10/25/2009	7500			15000		2300		230			
10/26/2009	930			230		1181		230			
10/27/2009	150			230		430		930			
10/28/2009	210			930		4625		7500			
11/2/2009	90	90	90	144	40	750				230	
11/3/2009				90		40	20	90	430	40	70.00
11/5/2009									230		
11/9/2009	40	430	70	.30.	40	40				430	
11/10/2009				90		90	21	230	430	430	40
11/16/2009	430	230	110	314	4300	2300				930	
11/17/2009				150		4300	145	150	430	2300	930
11/18/2009					4300	230					
11/19/2009					230	1200					
11/23/2009	40	40	40	79	40	230				230	
11/24/2009				230		230	142	150	2300	930	430
11/30/2009	90	<30.	40	90	40	40				430	

Table 25: Woonasquatucket, West, Providence, and Seekonk Rivers Fecal Coliform Data

	Woonasquatucket River						Enterococci data	West River		Providence River	Seekonk River
Date	S-9 Manton Ave	S-8A Olneyville Square	S-8C Delaine St.	S-8 Atwells Ave	S-7B Pleasant Valley Pkwy	S-7A Kinsley St.	S-8 Atwells Ave	S-10 Douglas Ave	S-11 West Rver St.	S-12 Crawford St.	SR-5A Pitman St.
12/1/2009				<30.		140	30	90	750	750	430
12/7/2009	40	70	<30.	96	40	40				430	
12/8/2009				40		90	34	430	90	230	90
12/14/2009	210			40		994		230			
12/15/2009	430			230		144		930		230	
12/21/2009	150	90	90	90	90	230					
12/22/2009				430		430	269	90	40	90	
12/28/2009	40	40	90	60	430	150				150	
12/29/2009				150		90	138	90	230		

Table 25: Woonasquatucket, West, Providence, and Seekonk Rivers Fecal Coliform Data

Blackstone, Moshassuck, and Pawtuxet River Fecal Coliform Data

	Moshassuck River							Enterococci data	Blackstone River		Pawtuxet River
Date	S-1 Higgison Ave	S-4D St. Francis Cemetery	S-4B End of Moshassuck St.	S-4 Cemetery St. Bridge	S-5A Steven's St. Bridge	S-5 Footbridge @ Mill Street	S-6 Park Row Bridge	S-5 Footbridge @ Mill Street	S-3 Slater Mill Dam	S-2 Whipple Bridge	S-13 Broad St. Bridge
1/5/2009				144					<30	90	<30
1/6/2009	40	<30	40	53	40	70	230	12			
1/12/2009	<30	4300	3212	144							
1/13/2009				251	15000	930	230	41	40	230	<30
1/20/2009				60					90	210	30
1/21/2009	90	90	131	112	150	90	40	30			
1/26/2009				1463					90	<30	40
1/27/2009	<30	430	173	568	230	90	230	20			
2/2/2009				186					90	90	<30
2/3/2009	70	1500	163	314	1500	1500	230	35			
2/9/2009				230					40	40.00	40
2/10/2009	<30	90	314	230	230	930	230	17			
2/16/2009				90					90	90.00	40
2/17/2009	40	110000	430	60							
2/23/2009				230					400	430.00	230
2/24/2009	40	90	314	314	230	90	430	25			
2/26/2009	<30	930	40		230						
3/3/2009				230	430				230	230	90
3/4/2009	<30	7500	2000	2941		2300	2300	122			
3/9/2009				2000					230	40	230
3/10/2009	40	230	2300	254	430	230	430	93			
3/11/2009		930	289		430						
3/16/2009				430	40				70	<30	40
3/17/2009	<30	70	197	197		230	40	15			
3/23/2009				314					40	40	<30
3/24/2009	<30	390	83	40	90	230	430	47			
3/30/2009				314					90	<30	40
3/31/2009	<30	930	930	462	930	2300	430	70			
4/6/2009				230					90	230	90
4/7/2009	40	4300	2198	6324	2300	1309	2300	579			
4/13/2009				88					40	<30	40
4/14/2009	<30	430	116	144	750	<30	90	21			
4/20/2009				1181					<30	30	<30
4/21/2009	40	930	632	2000	390	4300	2300	1732			
4/27/2009				127					40	40	<30
4/28/2009	40	930	568	835	2300	930	430	24			
4/30/2009	<30	230	430	430	197	230					
5/4/2009				314					<30	<30	90
5/5/2009	40	230	144	994	430	2300	930	727			
5/11/2009				3145					<30	230	230
5/12/2009	<30	230	230	220	230	230	150	47			
5/18/2009				186					<30	230	230
5/19/2009	40	2300	2000	930	430	1500	2300	34			
5/21/2009		750	430			930	230				
5/26/2009				632					4300	<30	930
5/27/2009	430	4300	26268	33226	110000	24000	4300	>2416.6			
6/1/2009				1061					210	<30	90
6/2/2009	230	1500	1313	1463	430	750	930	44			
6/8/2009				994					70	90	70
6/9/2009	90	230	462	727	430	430	2300	151			
6/15/2009				994					2300	230	230
6/16/2009	430	4300	994	1857	930	230	930	55			
6/22/2009				18974					90	40	90
6/23/2009	1500	2300	632	2641	430	930	9300	58			
6/29/2009				4625					430	230	230
6/30/2009	430	9300	994	1857	4300	2300	430				
7/6/2009				803					230	230	930.00

Table 26: Blackstone, Moshassuck, and Pawtuxet River Fecal Coliform Data

Blackstone, Moshassuck, and Pawtuxet River Fecal Coliform Data

	Moshassuck River							Enterococci data	Blackstone River		Pawtuxet River
Date	S-1 Higgison Ave	S-4D St. Francis Cemetery	S-4B End of Moshassuck St.	S-4 Cemetery St. Bridge	S-5A Steven's St. Bridge	S-5 Footbridge @ Mill Street	S-6 Park Row Bridge	S-5 Footbridge @ Mill Street	S-3 Slater Mill Dam	S-2 Whipple Bridge	S-13 Broad St. Bridge
7/7/2009	900	750	1181	2941	230	1500	2300				
7/13/2009				1463					230	150	90.00
7/14/2009	150	2300	2172	2300	930	930	640	88			
7/16/2009		430	4300	1857							
7/20/2009				1181					930	430	40
7/21/2009	1500	21000	105071	33226	46000	>240,000.	110000	>2416.6			
7/27/2009				568					930	90	230
7/28/2009	430	390	632	930	430	1500	1500	66			
7/30/2009							24000				
8/3/2009				994					40	230	70
8/4/2009	230	1500	2540	2000	4300	4300	1500	110			
8/11/2009				3145					90	90	430
8/12/2009	90	430	568	1775	430	2300	2300	82			
8/17/2009				430					90	70.00	90
8/18/2009	430	430	1360	2540	4300	1500	230	118			
8/20/2009				994	430						
8/24/2009				3145					430	230	230.00
8/25/2009	430	1500	1463	632	2300	930	930	85			
8/31/2009				1181					750	230	430
9/1/2009	230	930	2300	994	2300	930	230	91			
9/3/2009				1796			930				
9/8/2009				4300					90	40	40
9/9/2009	930	2300	3145	1463	2300	2300	430	38			
9/14/2009				6324					930	750	70
9/15/2009	230	4300	1463	314	4300	1500	2300	150			
9/21/2009				4625					90	40	90
9/22/2009	230	4300	14940	632	24000	2300	430	66			
9/24/2009		2300	430	3145	9300						
9/26/2009	90			3145		3900				40	
9/27/2009	4300			4300		24000				40	
9/28/2009	1500			1857		930				150	
9/29/2009	430	4300	2300	4300	2300	2300	930	1732			
10/5/2009				1463					150	90	230
10/6/2009	4300	430	632	4625	430	750	230	84			
10/13/2009				10159					230	40	<30
10/14/2009	230	930	430	4419	390	2300	930	78			
10/19/2009				930					230	230	930
10/20/2009	<30	90	430	214	430	430	230	201			
10/23/2009	40			4153		230				<30	
10/24/2009	40			1463		930				<30	
10/25/2009	230			3145		4300				1500	
10/26/2009	930			568		930				430	
10/27/2009	90			2540		2100				90	
10/28/2009	1500			33226		46000				40	
11/2/2009				173					40	40	430
11/3/2009	<30	210	137	314	230	1500	430	5			
11/5/2009				1181	210	289					
11/9/2009				930					230	90	40
11/10/2009	90	930	430	930	430	930	930	35			
11/16/2009				803					430	930.00	430
11/17/2009	90	1500	430	568	430	430	2300	249			
11/23/2009				632					930	150	230
11/24/2009	90	9300	727	1313	930	430	930				
11/30/2009				314					4300	750	40
12/1/2009	40	1500	430	1500	930	230	230	140			
12/7/2009				179					150	230	40
12/8/2009	73	930	410	632	90	930	430	161			
12/14/2009	150			230		750				230	

Table 26: Blackstone, Moshassuck, and Pawtuxet River Fecal Coliform Data

Blackstone, Moshassuck, and Pawtuxet River Fecal Coliform Data

	Moshassuck River							Enterococci data	Blackstone River		Pawtuxet River
Date	S-1 Higgison Ave	S-4D St. Francis Cemetery	S-4B End of Moshassuck St.	S-4 Cemetery St. Bridge	S-5A Steven's St. Bridge	S-5 Footbridge @ Mill Street	S-6 Park Row Bridge	S-5 Footbridge @ Mill Street	S-3 Slater Mill Dam	S-2 Whipple Bridge	S-13 Broad St. Bridge
12/15/2009	230			96		230				230	
12/21/2009	90			79					40		70
12/22/2009		90	96	79	150	90	430	75			
12/28/2009				373					70	230	430
12/29/2009	430	230	568	568	280	90	930	169			

Table 26: Blackstone, Moshassuck, and Pawtuxet River Fecal Coliform Data

Bay Fecal Data 2009

Results are in MPN/100 mL or Most Probable Number/100 ml

*wet weather study conducted from end of Sept - Oct

	Date	2/11/2009	3/11/2009	3/25/2009	4/8/2009	4/29/2009	5/13/2009	6/3/2009	6/17/2009	7/8/2009	7/22/2009	8/5/2009	8/20/2009	8/26/2009	9/23/2009	10/21/2009	11/4/2009	11/19/2009	11/25/2009	12/10/2009	Geomean	Min	Max
Seekonk River	**Division St Dock**	93		43	93	93	93	43	93	930	230	930	230	93	23		75		430		140	15	2300
	Div St Dock Duplicate	23		15	230	93	230	93	930	930	2,300	230	230	430	23		43		93				
	Bishop Pt	120		43	430	43	43	43	43	430	1,500	230	230	150	120	43	75		230		125	43	1500
	BP Outfall	23		43	93	93	930	23	93	1,500	2,300	43	93	23	93	230	75		150		117	23	2300
	Phillipsdale Landing	15		23	390	15	2,300	430	43	9,300	2,300	430	39	43	15		15		390	230	144	7	9300
	Phillipsdale Landing Duplicate	23		9	430	23	4,300	210	93	2,300	930	210	230	7	43		43		230	750			
	Narr Boating Center	230		23	93	43	230	23	93	9,300	21,000	150	93	23	23		23		150	230	135	23	21000
	Crook Pt	23	43	23	390	64	930	430	43	15,000	24,000	93	21	23	23		23	93	93	1,500	147	21	24000
Providence River	**Comm. Boating Center**	23	93	3	150	93	2,300	43	43	2,300	2,300	93		23	23		43	430	43	930	112	3	2300
	Point St Bridge	230	230	93	430	430	230	230	46,000	110,000	24,000	2,300	930	2,300	1,500		93	930	930	430	1022	93	110000
	Collier Pt Park	43	43	93	230	150	430	93	43	15,000	9,300	230	93	43	43		23	230	430	2,300	201	23	15000
	FP Outfall	15	15	21	430	75	430	93	93	4,300	2,300	93	93	93	9		43	43	230	150	116	4	9300
	FP Outfall Duplicate	23	23	23	750	43	430	430	230	9,300	4,300	230		9	4		43	75	93	430			
	South FP East	9	15	4	430	23	93	4	23	230	930	93	9	4	3		23	230	230	230	38	3	930
	Save the Bay	4	23	9	43	15	93	3	93	750	230	150	93	9	9		23	230	43		38	3	750
	Edgewood Yacht Club	23	43	3	430	9	43	4	4	4,300	430	43	9	3	3		43	93	93	230	34	3	4300
	Pawt/Prov Junction	4	43	23	430	4	93	23	93	430	750	2,400	9	23	93		23	23	23	150	57	4	2400
	Gaspee Pt	4	43	23	750	43	23	4	43	150	93	43	9	3	3		9	230	43	43	28	3	750
	Bullock Neck	15	23	23	93	9	11	9	9	93	23	43	4	4	3	43	9	23	23	93	18	3	93
	Bullocks Reach Buoy	23	93	93	230	15	43	4	93	430	230	150	4	9	3		7	75	43	75	38	3	430
	Shawomet	43	9	9	430	9	4	23	43	9	230	21	9	7	4			230	23	23	22	4	430
	North of Nayatt Point	15	9	4	430	9	43	3	9	3	43	43		7	3		15	43	9	430	17	3	430
	Conimicut Pt	43	4	23	230	9	43	3	9	3	93	23	9	4	4		9	93	93	43	17	3	230
	Conimicut Pt Duplicate	11	23		230	3	15	3	23	3	43	43	9	7	23		4	93	43	39			
	Geomean	24	29	19	264	29	140	26	64	686	**836**	133	38	20	**15**	75	25	115	97	211	***69***	**15**	**836**
	Max	230	230	93	750	430	4,300	430	46,000	110,000	24,000	2,400	930	2,300	1,500	230	93	930	930	2,300			
	Number of Stations Sampled (including duplicates)	24	17	23	24	24	24	24	24	24	24	24	21	24	24	3	23	17	24	19			
	Bay Blank	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	23	<3	<3	<3	<3	<3	<3			
Rain Data	Rain total - Day of sampling (in time prior to sampling)	0	0.13	0	0	0.01	0	0.02	0	0.24	0	0	0	0	0	0	0	0	0.02	0			
	Rain total - 1 Day prior to sampling	0	0.01	0	0	0	0	0	0	0.69	0.96	0	0	0	0	0	0	0	0.05	1.23			
	Rain total - 2 Days prior to sampling	0	0.67	0	1.79	0	0	0	0.02	0	0	0	0	0	0	0	0	0	0.35	0			
	Rain total - 3 Days prior to sampling	0.02	0.04	0	0	0	0	0.02	0.44	0	0	0	0	0.05	0	1.2	0.02	0	0	0			
	Rain total - 4 Days prior to sampling	0	0.01	0	0	0	0.18	0	0	0	0.88	0	0	0.02	0	0	0.09	0	0	0			
	Rain total - 5 Days prior to sampling	0	0	0	0.9	0	0	0.17	0.39	1.18	0.03	0.51	0	0	0	0.04	0	2.13	0.93	0.47			
	Total Rainfall	**0.02**	**0.86**	**0**	**2.69**	**0.01**	**0.18**	**0.21**	**0.85**	**2.11**	**1.87**	**0.51**	**0**	**0.07**	**0**	**1.24**	**0.11**	**2.13**	**1.35**	**1.7**			
		* Rain data is from TF Green																					

Table 27: Bay Fecal Coiform Data

Enterococci Results 2009

Results are in MPN/100 mL or Most Probable Number/100 ml

Date	2/11/09	3/11/09	3/25/09	4/8/09	4/29/09	5/13/09	6/3/09	6/17/09	7/22/09	8/5/09	8/20/09	8/26/09	9/23/09	10/21/09	11/04/09	11/25/2009	12/10/2009
Phillipsdale Landing	<10		<10	20	10	96	10	<1	537	10	<10	<10	<10	31	10	134	97
Phillipsdale Landing Duplicate	<10		<10	41	<10	75	10	<1	638	41	10	<10	20	31	<10	135	52
Point St Bridge	10	156	10	63	10	31	10	134	9,804	20	31	50	20	84	30	158	552
South FP East	10	63	<10	31	<10	20	10	<1	145	10	20	<10	<10	41	10	31	226
Gaspee Pt	<10	<10	<10	75	<10	10	10	<1	75	<1	10	<10	<10	10	<10	20	63
Conimicut Pt	<10	<10	<10	31	<10	<10	<10	<1	20	<1	<10	<10	<10	10	10	63	10
Conimicut Pt Duplicate	<10	<10		41	<10	<10	<10	<1	31	<1	<10	<10	<10	20	10	74	30
Blank				<10	<10	<10	<10		<10	<1	<10		<10	<10	<10	<10	<10
Geomean	**10**	**25**	**10**	**40**	**10**	**24**	**10**	**14**	**217**	**14**	**13**	**13**	**12**	**25**	**12**	**70**	**74**

All samples are from CSO Wet weather Overflow at Bucklin Brook (NBC CSO # 218)

Sample Date	Sample	Parameter	Result	Units
12/3/2009	4:00 AM	12-Dichloroethane-d4	99.7	%
12/3/2009	4:00 AM	246-Tribromophenol	51	%
12/3/2009	4:00 AM	2-Fluorobiphenyl	61	%
12/3/2009	4:00 AM	2-Fluorophenol	21	%
12/3/2009	4:00 AM	Bromofluorobenzene	99.8	%
12/3/2009	4:00 AM	Nitrobenzene-d5	54	%
12/3/2009	4:00 AM	Phenol-d5	29	%
12/3/2009	4:00 AM	P-Terphenyl-d14	46	%
12/3/2009	4:00 AM	Toluene-d8	100.5	%
12/3/2009	4:00 AM	Fecal	160000	MPN/100 ml
12/3/2009	4:00 AM	111-Trichloroethane	<1.0	ppb
12/3/2009	4:00 AM	1122Tetrachlorethane	<1.0	ppb
12/3/2009	4:00 AM	112-Trichloroethane	<1.0	ppb
12/3/2009	4:00 AM	1,1-Dichloroethane	<1.0	ppb
12/3/2009	4:00 AM	1,1-Dichloroethene	<1.0	ppb
12/3/2009	4:00 AM	124-Trichlorobenzene	<5.000	ppb
12/3/2009	4:00 AM	1,2-Dichlorobenzene	<1.0	ppb
12/3/2009	4:00 AM	1,2-Dichlorobenzene	<5.000	ppb
12/3/2009	4:00 AM	1,2-Dichloroethane	<1.0	ppb
12/3/2009	4:00 AM	1,2-Dichloropropane	<1.0	ppb
12/3/2009	4:00 AM	12-Diphenylhydrazine	<5.000	ppb
12/3/2009	4:00 AM	1,3-Dichlorobenzene	<1.0	ppb
12/3/2009	4:00 AM	1,3-Dichlorobenzene	<5.000	ppb
12/3/2009	4:00 AM	1,4-Dichlorobenzene	<1.0	ppb
12/3/2009	4:00 AM	1,4-Dichlorobenzene	<5.000	ppb
12/3/2009	4:00 AM	246-Trichlorophenol	<5.000	ppb
12/3/2009	4:00 AM	2,4-Dichlorophenol	<5.000	ppb
12/3/2009	4:00 AM	2,4-Dimethylphenol	<5.000	ppb
12/3/2009	4:00 AM	2,4-Dinitrophenol	<5.000	ppb
12/3/2009	4:00 AM	2,4-Dinitrotoluene	<5.000	ppb
12/3/2009	4:00 AM	2,6-Dinitrotoluene	<5.000	ppb
12/3/2009	4:00 AM	2-Chloronaphthalene	<5.000	ppb
12/3/2009	4:00 AM	2-Chlorophenol	<5.000	ppb
12/3/2009	4:00 AM	2Methyl46dinitrophen	<5.000	ppb
12/3/2009	4:00 AM	2-Nitrophenol	<5.000	ppb
12/3/2009	4:00 AM	33-Dichlorobenzidine	<5.000	ppb
12/3/2009	4:00 AM	4Bromophenphenether	<5.000	ppb
12/3/2009	4:00 AM	4Chloro3methylphenol	<5.000	ppb
12/3/2009	4:00 AM	4Chlorophenphenether	<5.000	ppb
12/3/2009	4:00 AM	4-Nitrophenol	<5.000	ppb
12/3/2009	4:00 AM	Acenaphthene	<5.000	ppb
12/3/2009	4:00 AM	Acenaphthylene	<5.000	ppb
12/3/2009	4:00 AM	Aluminum	657	ppb
12/3/2009	4:00 AM	Anthracene	<5.000	ppb
12/3/2009	4:00 AM	Benzene	<1.0	ppb
12/3/2009	4:00 AM	Benzidine	<5.000	ppb
12/3/2009	4:00 AM	Benzo(a)anthracene	<5.000	ppb
12/3/2009	4:00 AM	Benzo(a)pyrene	<5.000	ppb
12/3/2009	4:00 AM	Benzo(b)fluoranthene	<5.000	ppb
12/3/2009	4:00 AM	Benzo(g,h,i)perylene	<5.000	ppb
12/3/2009	4:00 AM	Benzo(k)fluoranthene	<5.000	ppb
12/3/2009	4:00 AM	bis2chloroethoxymeth	<5.000	ppb
12/3/2009	4:00 AM	bis2chloroethylether	<5.000	ppb
12/3/2009	4:00 AM	bis2chloroisoproethe	<5.000	ppb
12/3/2009	4:00 AM	bis2ethylhexylphthal	<5.000	ppb
12/3/2009	4:00 AM	Bromodichloromethane	<1.0	ppb
12/3/2009	4:00 AM	Bromoform	<5.0	ppb
12/3/2009	4:00 AM	Bromomethane	<1.0	ppb
12/3/2009	4:00 AM	Butylbenzylphthalate	<5.000	ppb
12/3/2009	4:00 AM	Cadmium	<2.50	ppb
12/3/2009	4:00 AM	CarbonTetrachloride	<1.0	ppb
12/3/2009	4:00 AM	Chlorobenzene	<1.0	ppb
12/3/2009	4:00 AM	Chloroethane	<1.0	ppb
12/3/2009	4:00 AM	Chloroform	<1.0	ppb
12/3/2009	4:00 AM	Chloromethane	<1.0	ppb
12/3/2009	4:00 AM	Chromium	<10.0	ppb

Sample	Sample	Parameter	Result	Units
12/3/2009	7:20 AM	12-Dichloroethane-d4	101.9	%
12/3/2009	7:20 AM	246-Tribromophenol	69	%
12/3/2009	7:20 AM	2-Fluorobiphenyl	56	%
12/3/2009	7:20 AM	2-Fluorophenol	29	%
12/3/2009	7:20 AM	Bromofluorobenzene	99.3	%
12/3/2009	7:20 AM	Nitrobenzene-d5	54	%
12/3/2009	7:20 AM	Phenol-d5	31	%
12/3/2009	7:20 AM	P-Terphenyl-d14	56	%
12/3/2009	7:20 AM	Toluene-d8	99.2	%
12/3/2009	7:20 AM	Fecal	160000	MPN/100 ml
12/3/2009	7:20 AM	111-Trichloroethane	<1.0	ppb
12/3/2009	7:20 AM	1122Tetrachlorethane	<1.0	ppb
12/3/2009	7:20 AM	112-Trichloroethane	<1.0	ppb
12/3/2009	7:20 AM	1,1-Dichloroethane	<1.0	ppb
12/3/2009	7:20 AM	1,1-Dichloroethene	<1.0	ppb
12/3/2009	7:20 AM	124-Trichlorobenzene	<5.000	ppb
12/3/2009	7:20 AM	1,2-Dichlorobenzene	<1.0	ppb
12/3/2009	7:20 AM	1,2-Dichlorobenzene	<5.000	ppb
12/3/2009	7:20 AM	1,2-Dichloroethane	<1.0	ppb
12/3/2009	7:20 AM	1,2-Dichloropropane	<1.0	ppb
12/3/2009	7:20 AM	12-Diphenylhydrazine	<5.000	ppb
12/3/2009	7:20 AM	1,3-Dichlorobenzene	<1.0	ppb
12/3/2009	7:20 AM	1,3-Dichlorobenzene	<5.000	ppb
12/3/2009	7:20 AM	1,4-Dichlorobenzene	<1.0	ppb
12/3/2009	7:20 AM	1,4-Dichlorobenzene	<5.000	ppb
12/3/2009	7:20 AM	246-Trichlorophenol	<5.000	ppb
12/3/2009	7:20 AM	2,4-Dichlorophenol	<5.000	ppb
12/3/2009	7:20 AM	2,4-Dimethylphenol	<5.000	ppb
12/3/2009	7:20 AM	2,4-Dinitrophenol	<5.000	ppb
12/3/2009	7:20 AM	2,4-Dinitrotoluene	<5.000	ppb
12/3/2009	7:20 AM	2,6-Dinitrotoluene	<5.000	ppb
12/3/2009	7:20 AM	2-Chloronaphthalene	<5.000	ppb
12/3/2009	7:20 AM	2-Chlorophenol	<5.000	ppb
12/3/2009	7:20 AM	2Methyl46dinitrophen	<5.000	ppb
12/3/2009	7:20 AM	2-Nitrophenol	<5.000	ppb
12/3/2009	7:20 AM	33-Dichlorobenzidine	<5.000	ppb
12/3/2009	7:20 AM	4Bromophenphenether	<5.000	ppb
12/3/2009	7:20 AM	4Chloro3methylphenol	<5.000	ppb
12/3/2009	7:20 AM	4Chlorophenphenether	<5.000	ppb
12/3/2009	7:20 AM	4-Nitrophenol	<5.000	ppb
12/3/2009	7:20 AM	Acenaphthene	<5.000	ppb
12/3/2009	7:20 AM	Acenaphthylene	<5.000	ppb
12/3/2009	7:20 AM	Aluminum	425	ppb
12/3/2009	7:20 AM	Anthracene	<5.000	ppb
12/3/2009	7:20 AM	Benzene	<1.0	ppb
12/3/2009	7:20 AM	Benzidine	<5.000	ppb
12/3/2009	7:20 AM	Benzo(a)anthracene	<5.000	ppb
12/3/2009	7:20 AM	Benzo(a)pyrene	<5.000	ppb
12/3/2009	7:20 AM	Benzo(b)fluoranthene	<5.000	ppb
12/3/2009	7:20 AM	Benzo(g,h,i)perylene	<5.000	ppb
12/3/2009	7:20 AM	Benzo(k)fluoranthene	<5.000	ppb
12/3/2009	7:20 AM	bis2chloroethoxymeth	<5.000	ppb
12/3/2009	7:20 AM	bis2chloroethylether	<5.000	ppb
12/3/2009	7:20 AM	bis2chloroisoproethe	<5.000	ppb
12/3/2009	7:20 AM	bis2ethylhexylphthal	<5.000	ppb
12/3/2009	7:20 AM	Bromodichloromethane	<1.0	ppb
12/3/2009	7:20 AM	Bromoform	<5.0	ppb
12/3/2009	7:20 AM	Bromomethane	<1.0	ppb
12/3/2009	7:20 AM	Butylbenzylphthalate	<5.000	ppb
12/3/2009	7:20 AM	Cadmium	<2.50	ppb
12/3/2009	7:20 AM	CarbonTetrachloride	<1.0	ppb
12/3/2009	7:20 AM	Chlorobenzene	<1.0	ppb
12/3/2009	7:20 AM	Chloroethane	<1.0	ppb
12/3/2009	7:20 AM	Chloroform	1.48	ppb
12/3/2009	7:20 AM	Chloromethane	<1.0	ppb
12/3/2009	7:20 AM	Chromium	<10.0	ppb

All samples are from CSO Wet weather Overflow at Bucklin Brook (NBC CSO # 218)

Sample Date	Sample	Parameter	Result	Units
12/3/2009	4:00 AM	Chrysene	<5.000	ppb
12/3/2009	4:00 AM	cis13Dichloropropene	<1.0	ppb
12/3/2009	4:00 AM	Copper	26.5	ppb
12/3/2009	4:00 AM	Cyanide	<4.00	ppb
12/3/2009	4:00 AM	Dibenzoahanthracene	<5.000	ppb
12/3/2009	4:00 AM	Dibromochloromethane	<1.0	ppb
12/3/2009	4:00 AM	Diethylphthalate	<5.000	ppb
12/3/2009	4:00 AM	Dimethylphthalate	<5.000	ppb
12/3/2009	4:00 AM	di-n-butylphthalate	<5.000	ppb
12/3/2009	4:00 AM	Di-n-octylphthalate	<5.000	ppb
12/3/2009	4:00 AM	Ethylbenzene	<1.0	ppb
12/3/2009	4:00 AM	Fluoranthene	<5.000	ppb
12/3/2009	4:00 AM	Fluorene	<5.000	ppb
12/3/2009	4:00 AM	Hexachlorobenzene	<5.000	ppb
12/3/2009	4:00 AM	Hexachlorobutadiene	<5.000	ppb
12/3/2009	4:00 AM	Hexachloroethane	<5.000	ppb
12/3/2009	4:00 AM	Hexaclcyclopentadien	<5.000	ppb
12/3/2009	4:00 AM	Indeno(123-cd)pyrene	<5.000	ppb
12/3/2009	4:00 AM	Iron	2840	ppb
12/3/2009	4:00 AM	Isophorone	<5.000	ppb
12/3/2009	4:00 AM	Lead	13.3	ppb
12/3/2009	4:00 AM	Methylene Chloride	<1.0	ppb
12/3/2009	4:00 AM	Naphthalene	<5.000	ppb
12/3/2009	4:00 AM	Nickel	<10.0	ppb
12/3/2009	4:00 AM	Nitrobenzene	<5.000	ppb
12/3/2009	4:00 AM	Nnitrosodimethylamin	<5.000	ppb
12/3/2009	4:00 AM	Nnitrosodinpropylami	<5.000	ppb
12/3/2009	4:00 AM	Nnitrosodiphenylamin	<5.000	ppb
12/3/2009	4:00 AM	o-xylene	<1.0	ppb
12/3/2009	4:00 AM	Pentachlorophenol	<5.000	ppb
12/3/2009	4:00 AM	Phenanthrene	<5.000	ppb
12/3/2009	4:00 AM	Phenol	<5.000	ppb
12/3/2009	4:00 AM	p-m xylene	<2.0	ppb
12/3/2009	4:00 AM	Pyrene	<5.000	ppb
12/3/2009	4:00 AM	Silver	<4.00	ppb
12/3/2009	4:00 AM	T-1,2-Dichloroethene	<1.0	ppb
12/3/2009	4:00 AM	T-13-Dichloropropene	<1.0	ppb
12/3/2009	4:00 AM	Tetrachlorethene	<1.0	ppb
12/3/2009	4:00 AM	Toluene	<1.0	ppb
12/3/2009	4:00 AM	Trichlorethene	<1.0	ppb
12/3/2009	4:00 AM	Vinyl Chloride	<1.0	ppb
12/3/2009	4:00 AM	Zinc	91.5	ppb
12/3/2009	4:00 AM	BOD	31.2	ppm
12/3/2009	4:00 AM	OG	4.5	ppm
12/3/2009	4:00 AM	OG		ppm
12/3/2009	4:00 AM	Oil_and_Grease	4.5	ppm
12/3/2009	4:00 AM	Total_Phosphorus-P	0.884	ppm
12/3/2009	4:00 AM	TSS	66	ppm
12/3/2009	4:00 AM	Ammonia	0.762	ppm-N
12/3/2009	4:00 AM	Nitrite	0.0327	ppm-N
12/3/2009	4:00 AM	NO3+NO2	0.343	ppm-N
12/3/2009	4:00 AM	TKN	2.83	ppm-N
12/3/2009	4:00 AM	Mercury	22.3	ppt

Sample	Sample	Parameter	Result	Units
12/3/2009	7:20 AM	Chrysene	<5.000	ppb
12/3/2009	7:20 AM	cis13Dichloropropene	<1.0	ppb
12/3/2009	7:20 AM	Copper	16.6	ppb
12/3/2009	7:20 AM	Cyanide	<4.00	ppb
12/3/2009	7:20 AM	Dibenzoahanthracene	<5.000	ppb
12/3/2009	7:20 AM	Dibromochloromethane	<1.0	ppb
12/3/2009	7:20 AM	Diethylphthalate	<5.000	ppb
12/3/2009	7:20 AM	Dimethylphthalate	<5.000	ppb
12/3/2009	7:20 AM	di-n-butylphthalate	<5.000	ppb
12/3/2009	7:20 AM	Di-n-octylphthalate	<5.000	ppb
12/3/2009	7:20 AM	Ethylbenzene	<1.0	ppb
12/3/2009	7:20 AM	Fluoranthene	<5.000	ppb
12/3/2009	7:20 AM	Fluorene	<5.000	ppb
12/3/2009	7:20 AM	Hexachlorobenzene	<5.000	ppb
12/3/2009	7:20 AM	Hexachlorobutadiene	<5.000	ppb
12/3/2009	7:20 AM	Hexachloroethane	<5.000	ppb
12/3/2009	7:20 AM	Hexaclcyclopentadien	<5.000	ppb
12/3/2009	7:20 AM	Indeno(123-cd)pyrene	<5.000	ppb
12/3/2009	7:20 AM	Iron	722	ppb
12/3/2009	7:20 AM	Isophorone	<5.000	ppb
12/3/2009	7:20 AM	Lead	<10.0	ppb
12/3/2009	7:20 AM	Methylene Chloride	2.33	ppb
12/3/2009	7:20 AM	Naphthalene	<5.000	ppb
12/3/2009	7:20 AM	Nickel	<10.0	ppb
12/3/2009	7:20 AM	Nitrobenzene	<5.000	ppb
12/3/2009	7:20 AM	Nnitrosodimethylamin	<5.000	ppb
12/3/2009	7:20 AM	Nnitrosodinpropylami	<5.000	ppb
12/3/2009	7:20 AM	Nnitrosodiphenylamin	<5.000	ppb
12/3/2009	7:20 AM	o-xylene	<1.0	ppb
12/3/2009	7:20 AM	Pentachlorophenol	<5.000	ppb
12/3/2009	7:20 AM	Phenanthrene	<5.000	ppb
12/3/2009	7:20 AM	Phenol	<5.000	ppb
12/3/2009	7:20 AM	p-m xylene	<2.0	ppb
12/3/2009	7:20 AM	Pyrene	<5.000	ppb
12/3/2009	7:20 AM	Silver	<4.00	ppb
12/3/2009	7:20 AM	T-1,2-Dichloroethene	<1.0	ppb
12/3/2009	7:20 AM	T-13-Dichloropropene	<1.0	ppb
12/3/2009	7:20 AM	Tetrachlorethene	<1.0	ppb
12/3/2009	7:20 AM	Toluene	<1.0	ppb
12/3/2009	7:20 AM	Trichlorethene	<1.0	ppb
12/3/2009	7:20 AM	Vinyl Chloride	<1.0	ppb
12/3/2009	7:20 AM	Zinc	71	ppb
12/3/2009	7:20 AM	BOD	17.1	ppm
12/3/2009	7:20 AM	OG	4.5	ppm
12/3/2009	7:20 AM	OG		ppm
12/3/2009	7:20 AM	Oil_and_Grease	4.5	ppm
12/3/2009	7:20 AM	Total_Phosphorus-P	0.357	ppm
12/3/2009	7:20 AM	TSS	26	ppm
12/3/2009	7:20 AM	Ammonia	0.909	ppm-N
12/3/2009	7:20 AM	Nitrite	0.017	ppm-N
12/3/2009	7:20 AM	NO3+NO2	0.159	ppm-N
12/3/2009	7:20 AM	TKN	2.58	ppm-N
12/3/2009	7:20 AM	Mercury	27.1	ppt

Sample	Sample	Parameter	Result	Units
12/3/2009	8:15 AM	12-Dichloroethane-d4	95.1	%
12/3/2009	8:15 AM	246-Tribromophenol	70	%
12/3/2009	8:15 AM	2-Fluorobiphenyl	60	%
12/3/2009	8:15 AM	2-Fluorophenol	30	%
12/3/2009	8:15 AM	Bromofluorobenzene	107.9	%
12/3/2009	8:15 AM	Nitrobenzene-d5	60	%
12/3/2009	8:15 AM	Phenol-d5	29	%
12/3/2009	8:15 AM	P-Terphenyl-d14	54	%
12/3/2009	8:15 AM	Toluene-d8	101.7	%
12/3/2009	8:15 AM	Fecal	>24000	MPN/100 ml
12/3/2009	8:15 AM	111-Trichloroethane	<1.0	ppb
12/3/2009	8:15 AM	1122Tetrachlorethane	<1.0	ppb
12/3/2009	8:15 AM	112-Trichloroethane	<1.0	ppb
12/3/2009	8:15 AM	1,1-Dichloroethane	<1.0	ppb
12/3/2009	8:15 AM	1,1-Dichloroethene	<1.0	ppb
12/3/2009	8:15 AM	124-Trichlorobenzene	<5.000	ppb
12/3/2009	8:15 AM	1,2-Dichlorobenzene	<1.0	ppb
12/3/2009	8:15 AM	1,2-Dichlorobenzene	<5.000	ppb
12/3/2009	8:15 AM	1,2-Dichloroethane	<1.0	ppb
12/3/2009	8:15 AM	1,2-Dichloropropane	<1.0	ppb
12/3/2009	8:15 AM	12-Diphenylhydrazine	<5.000	ppb
12/3/2009	8:15 AM	1,3-Dichlorobenzene	<1.0	ppb
12/3/2009	8:15 AM	1,3-Dichlorobenzene	<5.000	ppb
12/3/2009	8:15 AM	1,4-Dichlorobenzene	<1.0	ppb
12/3/2009	8:15 AM	1,4-Dichlorobenzene	<5.000	ppb
12/3/2009	8:15 AM	246-Trichlorophenol	<5.000	ppb
12/3/2009	8:15 AM	2,4-Dichlorophenol	<5.000	ppb
12/3/2009	8:15 AM	2,4-Dimethylphenol	<5.000	ppb
12/3/2009	8:15 AM	2,4-Dinitrophenol	<5.000	ppb
12/3/2009	8:15 AM	2,4-Dinitrotoluene	<5.000	ppb
12/3/2009	8:15 AM	2,6-Dinitrotoluene	<5.000	ppb
12/3/2009	8:15 AM	2-Chloronaphthalene	<5.000	ppb
12/3/2009	8:15 AM	2-Chlorophenol	<5.000	ppb
12/3/2009	8:15 AM	2Methyl46dinitrophen	<5.000	ppb
12/3/2009	8:15 AM	2-Nitrophenol	<5.000	ppb
12/3/2009	8:15 AM	33-Dichlorobenzidine	<5.000	ppb
12/3/2009	8:15 AM	4Bromophenphenether	<5.000	ppb
12/3/2009	8:15 AM	4Chloro3methylphenol	<5.000	ppb
12/3/2009	8:15 AM	4Chlorophenphenether	<5.000	ppb
12/3/2009	8:15 AM	4-Nitrophenol	<5.000	ppb
12/3/2009	8:15 AM	Acenaphthene	<5.000	ppb
12/3/2009	8:15 AM	Acenaphthylene	<5.000	ppb
12/3/2009	8:15 AM	Aluminum	373	ppb
12/3/2009	8:15 AM	Anthracene	<5.000	ppb
12/3/2009	8:15 AM	Benzene	<1.0	ppb
12/3/2009	8:15 AM	Benzidine	<5.000	ppb
12/3/2009	8:15 AM	Benzo(a)anthracene	<5.000	ppb
12/3/2009	8:15 AM	Benzo(a)pyrene	<5.000	ppb
12/3/2009	8:15 AM	Benzo(b)fluoranthene	<5.000	ppb
12/3/2009	8:15 AM	Benzo(g,h,i)perylene	<5.000	ppb
12/3/2009	8:15 AM	Benzo(k)fluoranthene	<5.000	ppb
12/3/2009	8:15 AM	bis2chloroethoxymeth	<5.000	ppb
12/3/2009	8:15 AM	bis2chloroethylether	<5.000	ppb
12/3/2009	8:15 AM	bis2chloroisoproethe	<5.000	ppb
12/3/2009	8:15 AM	bis2ethylhexylphthal	<5.000	ppb
12/3/2009	8:15 AM	Bromodichloromethane	<1.0	ppb
12/3/2009	8:15 AM	Bromoform	<5.0	ppb
12/3/2009	8:15 AM	Bromomethane	<1.0	ppb
12/3/2009	8:15 AM	Butylbenzylphthalate	<5.000	ppb
12/3/2009	8:15 AM	Cadmium	<2.50	ppb
12/3/2009	8:15 AM	CarbonTetrachloride	<1.0	ppb
12/3/2009	8:15 AM	Chlorobenzene	<1.0	ppb
12/3/2009	8:15 AM	Chloroethane	<1.0	ppb
12/3/2009	8:15 AM	Chloroform	3.29	ppb
12/3/2009	8:15 AM	Chloromethane	<1.0	ppb
12/3/2009	8:15 AM	Chromium	<10.0	ppb

Sample	Sample	Parameter	Result	Units
12/3/2009	8:15 AM	Chrysene	<5.000	ppb
12/3/2009	8:15 AM	cis13Dichloropropene	<1.0	ppb
12/3/2009	8:15 AM	Copper	15.1	ppb
12/3/2009	8:15 AM	Cyanide	6.7	ppb
12/3/2009	8:15 AM	Dibenzoahanthracene	<5.000	ppb
12/3/2009	8:15 AM	Dibromochloromethane	<1.0	ppb
12/3/2009	8:15 AM	Diethylphthalate	<5.000	ppb
12/3/2009	8:15 AM	Dimethylphthalate	<5.000	ppb
12/3/2009	8:15 AM	di-n-butylphthalate	<5.000	ppb
12/3/2009	8:15 AM	Di-n-octylphthalate	<5.000	ppb
12/3/2009	8:15 AM	Ethylbenzene	<1.0	ppb
12/3/2009	8:15 AM	Fluoranthene	<5.000	ppb
12/3/2009	8:15 AM	Fluorene	<5.000	ppb
12/3/2009	8:15 AM	Hexachlorobenzene	<5.000	ppb
12/3/2009	8:15 AM	Hexachlorobutadiene	<5.000	ppb
12/3/2009	8:15 AM	Hexachloroethane	<5.000	ppb
12/3/2009	8:15 AM	Hexaclcyclopentadien	<5.000	ppb
12/3/2009	8:15 AM	Indeno(123-cd)pyrene	<5.000	ppb
12/3/2009	8:15 AM	Iron	832	ppb
12/3/2009	8:15 AM	Isophorone	<5.000	ppb
12/3/2009	8:15 AM	Lead	<10.0	ppb
12/3/2009	8:15 AM	Methylene Chloride	<1.0	ppb
12/3/2009	8:15 AM	Naphthalene	<5.000	ppb
12/3/2009	8:15 AM	Nickel	<10.0	ppb
12/3/2009	8:15 AM	Nitrobenzene	<5.000	ppb
12/3/2009	8:15 AM	Nnitrosodimethylamin	<5.000	ppb
12/3/2009	8:15 AM	Nnitrosodinpropylami	<5.000	ppb
12/3/2009	8:15 AM	Nnitrosodiphenylamin	<5.000	ppb
12/3/2009	8:15 AM	o-xylene	<1.0	ppb
12/3/2009	8:15 AM	Pentachlorophenol	<5.000	ppb
12/3/2009	8:15 AM	Phenanthrene	<5.000	ppb
12/3/2009	8:15 AM	Phenol	<5.000	ppb
12/3/2009	8:15 AM	p-m xylene	<2.0	ppb
12/3/2009	8:15 AM	Pyrene	<5.000	ppb
12/3/2009	8:15 AM	Silver	<4.00	ppb
12/3/2009	8:15 AM	T-1,2-Dichloroethene	<1.0	ppb
12/3/2009	8:15 AM	T-13-Dichloropropene	<1.0	ppb
12/3/2009	8:15 AM	Tetrachlorethene	<1.0	ppb
12/3/2009	8:15 AM	Toluene	<1.0	ppb
12/3/2009	8:15 AM	Trichlorethene	<1.0	ppb
12/3/2009	8:15 AM	Vinyl Chloride	<1.0	ppb
12/3/2009	8:15 AM	Zinc	50	ppb
12/3/2009	8:15 AM	BOD	30.1	ppm
12/3/2009	8:15 AM	OG	4.5	ppm
12/3/2009	8:15 AM	OG		ppm
12/3/2009	8:15 AM	Oil_and_Grease	4.5	ppm
12/3/2009	8:15 AM	Total_Phosphorus-P	0.892	ppm
12/3/2009	8:15 AM	TSS	32	ppm
12/3/2009	8:15 AM	Ammonia	1.88	ppm-N
12/3/2009	8:15 AM	Nitrite	0.0192	ppm-N
12/3/2009	8:15 AM	NO3+NO2	0.413	ppm-N
12/3/2009	8:15 AM	TKN	5.04	ppm-N
12/3/2009	8:15 AM	Mercury	16.6	ppt

All samples are from CSO Wet weather Overflow at North Diversion Structure (NBC CSO # 002A)

Sample Date	Sample Time	Parameter	Result	Units
12/3/2009	6:25 AM	12-Dichloroethane-d4	96.98	%
12/3/2009	6:25 AM	246-Tribromophenol	53	%
12/3/2009	6:25 AM	2-Fluorobiphenyl	50	%
12/3/2009	6:25 AM	2-Fluorophenol	24	%
12/3/2009	6:25 AM	Bromofluorobenzene	98.88	%
12/3/2009	6:25 AM	Nitrobenzene-d5	42	%
12/3/2009	6:25 AM	Phenol-d5	26	%
12/3/2009	6:25 AM	P-Terphenyl-d14	45	%
12/3/2009	6:25 AM	Toluene-d8	100.4	%
12/3/2009	6:25 AM	Fecal	>24000000	MPN/100 ml
12/3/2009	6:25 AM	111-Trichloroethane	<1.0	ppb
12/3/2009	6:25 AM	1122Tetrachlorethane	<1.0	ppb
12/3/2009	6:25 AM	112-Trichloroethane	<1.0	ppb
12/3/2009	6:25 AM	1,1-Dichloroethane	<1.0	ppb
12/3/2009	6:25 AM	1,1-Dichloroethene	<1.0	ppb
12/3/2009	6:25 AM	124-Trichlorobenzene	<5.000	ppb
12/3/2009	6:25 AM	1,2-Dichlorobenzene	<1.0	ppb
12/3/2009	6:25 AM	1,2-Dichlorobenzene	<5.000	ppb
12/3/2009	6:25 AM	1,2-Dichloroethane	<1.0	ppb
12/3/2009	6:25 AM	1,2-Dichloropropane	<1.0	ppb
12/3/2009	6:25 AM	12-Diphenylhydrazine	<5.000	ppb
12/3/2009	6:25 AM	1,3-Dichlorobenzene	<1.0	ppb
12/3/2009	6:25 AM	1,3-Dichlorobenzene	<5.000	ppb
12/3/2009	6:25 AM	1,4-Dichlorobenzene	<1.0	ppb
12/3/2009	6:25 AM	1,4-Dichlorobenzene	<5.000	ppb
12/3/2009	6:25 AM	246-Trichlorophenol	<5.000	ppb
12/3/2009	6:25 AM	2,4-Dichlorophenol	<5.000	ppb
12/3/2009	6:25 AM	2,4-Dimethylphenol	<5.000	ppb
12/3/2009	6:25 AM	2,4-Dinitrophenol	<5.000	ppb
12/3/2009	6:25 AM	2,4-Dinitrotoluene	<5.000	ppb
12/3/2009	6:25 AM	2,6-Dinitrotoluene	<5.000	ppb
12/3/2009	6:25 AM	2-Chloronaphthalene	<5.000	ppb
12/3/2009	6:25 AM	2-Chlorophenol	<5.000	ppb
12/3/2009	6:25 AM	2Methyl46dinitrophen	<5.000	ppb
12/3/2009	6:25 AM	2-Nitrophenol	<5.000	ppb
12/3/2009	6:25 AM	33-Dichlorobenzidine	<5.000	ppb
12/3/2009	6:25 AM	4Bromophenphenether	<5.000	ppb
12/3/2009	6:25 AM	4Chloro3methylphenol	<5.000	ppb
12/3/2009	6:25 AM	4Chlorophenphenether	<5.000	ppb
12/3/2009	6:25 AM	4-Nitrophenol	<5.000	ppb
12/3/2009	6:25 AM	Acenaphthene	<5.000	ppb
12/3/2009	6:25 AM	Acenaphthylene	<5.000	ppb
12/3/2009	6:25 AM	Aluminum	646	ppb
12/3/2009	6:25 AM	Anthracene	<5.000	ppb
12/3/2009	6:25 AM	Benzene	<1.0	ppb
12/3/2009	6:25 AM	Benzidine	<5.000	ppb
12/3/2009	6:25 AM	Benzo(a)anthracene	<5.000	ppb
12/3/2009	6:25 AM	Benzo(a)pyrene	<5.000	ppb
12/3/2009	6:25 AM	Benzo(b)fluoranthene	<5.000	ppb
12/3/2009	6:25 AM	Benzo(g,h,i)perylene	<5.000	ppb
12/3/2009	6:25 AM	Benzo(k)fluoranthene	<5.000	ppb
12/3/2009	6:25 AM	bis2chloroethoxymeth	<5.000	ppb
12/3/2009	6:25 AM	bis2chloroethylether	<5.000	ppb
12/3/2009	6:25 AM	bis2chloroisoproethe	<5.000	ppb
12/3/2009	6:25 AM	bis2ethylhexylphthal	<5.000	ppb
12/3/2009	6:25 AM	Bromodichloromethane	<1.0	ppb
12/3/2009	6:25 AM	Bromoform	<5.0	ppb
12/3/2009	6:25 AM	Bromomethane	<1.0	ppb
12/3/2009	6:25 AM	Butylbenzylphthalate	<5.000	ppb

Sample Date	Sample Time	Parameter	Result	Units
12/3/2009	7:00 AM	12-Dichloroethane-d4	98.44	%
12/3/2009	7:00 AM	246-Tribromophenol	69	%
12/3/2009	7:00 AM	2-Fluorobiphenyl	55	%
12/3/2009	7:00 AM	2-Fluorophenol	27	%
12/3/2009	7:00 AM	Bromofluorobenzene	96.38	%
12/3/2009	7:00 AM	Nitrobenzene-d5	52	%
12/3/2009	7:00 AM	Phenol-d5	30	%
12/3/2009	7:00 AM	P-Terphenyl-d14	62	%
12/3/2009	7:00 AM	Toluene-d8	97.98	%
12/3/2009	7:00 AM	Fecal	>24000000	MPN/100 ml
12/3/2009	7:00 AM	111-Trichloroethane	<1.0	ppb
12/3/2009	7:00 AM	1122Tetrachlorethane	<1.0	ppb
12/3/2009	7:00 AM	112-Trichloroethane	<1.0	ppb
12/3/2009	7:00 AM	1,1-Dichloroethane	<1.0	ppb
12/3/2009	7:00 AM	1,1-Dichloroethene	<1.0	ppb
12/3/2009	7:00 AM	124-Trichlorobenzene	<5.000	ppb
12/3/2009	7:00 AM	1,2-Dichlorobenzene	<1.0	ppb
12/3/2009	7:00 AM	1,2-Dichlorobenzene	<5.000	ppb
12/3/2009	7:00 AM	1,2-Dichloroethane	<1.0	ppb
12/3/2009	7:00 AM	1,2-Dichloropropane	<1.0	ppb
12/3/2009	7:00 AM	12-Diphenylhydrazine	<5.000	ppb
12/3/2009	7:00 AM	1,3-Dichlorobenzene	<1.0	ppb
12/3/2009	7:00 AM	1,3-Dichlorobenzene	<5.000	ppb
12/3/2009	7:00 AM	1,4-Dichlorobenzene	<1.0	ppb
12/3/2009	7:00 AM	1,4-Dichlorobenzene	<5.000	ppb
12/3/2009	7:00 AM	246-Trichlorophenol	<5.000	ppb
12/3/2009	7:00 AM	2,4-Dichlorophenol	<5.000	ppb
12/3/2009	7:00 AM	2,4-Dimethylphenol	<5.000	ppb
12/3/2009	7:00 AM	2,4-Dinitrophenol	<5.000	ppb
12/3/2009	7:00 AM	2,4-Dinitrotoluene	<5.000	ppb
12/3/2009	7:00 AM	2,6-Dinitrotoluene	<5.000	ppb
12/3/2009	7:00 AM	2-Chloronaphthalene	<5.000	ppb
12/3/2009	7:00 AM	2-Chlorophenol	<5.000	ppb
12/3/2009	7:00 AM	2Methyl46dinitrophen	<5.000	ppb
12/3/2009	7:00 AM	2-Nitrophenol	<5.000	ppb
12/3/2009	7:00 AM	33-Dichlorobenzidine	<5.000	ppb
12/3/2009	7:00 AM	4Bromophenphenether	<5.000	ppb
12/3/2009	7:00 AM	4Chloro3methylphenol	<5.000	ppb
12/3/2009	7:00 AM	4Chlorophenphenether	<5.000	ppb
12/3/2009	7:00 AM	4-Nitrophenol	<5.000	ppb
12/3/2009	7:00 AM	Acenaphthene	<5.000	ppb
12/3/2009	7:00 AM	Acenaphthylene	<5.000	ppb
12/3/2009	7:00 AM	Aluminum	693	ppb
12/3/2009	7:00 AM	Anthracene	<5.000	ppb
12/3/2009	7:00 AM	Benzene	<1.0	ppb
12/3/2009	7:00 AM	Benzidine	<5.000	ppb
12/3/2009	7:00 AM	Benzo(a)anthracene	<5.000	ppb
12/3/2009	7:00 AM	Benzo(a)pyrene	<5.000	ppb
12/3/2009	7:00 AM	Benzo(b)fluoranthene	<5.000	ppb
12/3/2009	7:00 AM	Benzo(g,h,i)perylene	<5.000	ppb
12/3/2009	7:00 AM	Benzo(k)fluoranthene	<5.000	ppb
12/3/2009	7:00 AM	bis2chloroethoxymeth	<5.000	ppb
12/3/2009	7:00 AM	bis2chloroethylether	<5.000	ppb
12/3/2009	7:00 AM	bis2chloroisoproethe	<5.000	ppb
12/3/2009	7:00 AM	bis2ethylhexylphthal	<5.000	ppb
12/3/2009	7:00 AM	Bromodichloromethane	<1.0	ppb
12/3/2009	7:00 AM	Bromoform	<5.0	ppb
12/3/2009	7:00 AM	Bromomethane	<1.0	ppb
12/3/2009	7:00 AM	Butylbenzylphthalate	<5.000	ppb

Sample Date	Sample Time	Parameter	Result	Units
12/3/2009	6:25 AM	Cadmium	<2.50	ppb
12/3/2009	6:25 AM	CarbonTetrachloride	<1.0	ppb
12/3/2009	6:25 AM	Chlorobenzene	<1.0	ppb
12/3/2009	6:25 AM	Chloroethane	<1.0	ppb
12/3/2009	6:25 AM	Chloroform	<1.0	ppb
12/3/2009	6:25 AM	Chloromethane	<1.0	ppb
12/3/2009	6:25 AM	Chromium	<10.0	ppb
12/3/2009	6:25 AM	Chrysene	<5.000	ppb
12/3/2009	6:25 AM	cis13Dichloropropene	<1.0	ppb
12/3/2009	6:25 AM	Copper	26.8	ppb
12/3/2009	6:25 AM	Cyanide	<4.00	ppb
12/3/2009	6:25 AM	Dibenzoahanthracene	<5.000	ppb
12/3/2009	6:25 AM	Dibromochloromethane	<1.0	ppb
12/3/2009	6:25 AM	Diethylphthalate	<5.000	ppb
12/3/2009	6:25 AM	Dimethylphthalate	<5.000	ppb
12/3/2009	6:25 AM	di-n-butylphthalate	<5.000	ppb
12/3/2009	6:25 AM	Di-n-octylphthalate	<5.000	ppb
12/3/2009	6:25 AM	Ethylbenzene	<1.0	ppb
12/3/2009	6:25 AM	Fluoranthene	<5.000	ppb
12/3/2009	6:25 AM	Fluorene	<5.000	ppb
12/3/2009	6:25 AM	Hexachlorobenzene	<5.000	ppb
12/3/2009	6:25 AM	Hexachlorobutadiene	<5.000	ppb
12/3/2009	6:25 AM	Hexachloroethane	<5.000	ppb
12/3/2009	6:25 AM	Hexaclcyclopentadien	<5.000	ppb
12/3/2009	6:25 AM	Indeno(123-cd)pyrene	<5.000	ppb
12/3/2009	6:25 AM	Iron	1200	ppb
12/3/2009	6:25 AM	Isophorone	<5.000	ppb
12/3/2009	6:25 AM	Lead	31.9	ppb
12/3/2009	6:25 AM	Methylene Chloride	<1.0	ppb
12/3/2009	6:25 AM	Naphthalene	<5.000	ppb
12/3/2009	6:25 AM	Nickel	<10.0	ppb
12/3/2009	6:25 AM	Nitrobenzene	<5.000	ppb
12/3/2009	6:25 AM	Nnitrosodimethylamin	<5.000	ppb
12/3/2009	6:25 AM	Nnitrosodinpropylami	<5.000	ppb
12/3/2009	6:25 AM	Nnitrosodiphenylamin	<5.000	ppb
12/3/2009	6:25 AM	o-xylene	<1.0	ppb
12/3/2009	6:25 AM	Pentachlorophenol	<5.000	ppb
12/3/2009	6:25 AM	Phenanthrene	<5.000	ppb
12/3/2009	6:25 AM	Phenol	<5.000	ppb
12/3/2009	6:25 AM	p-m xylene	<2.0	ppb
12/3/2009	6:25 AM	Pyrene	<5.000	ppb
12/3/2009	6:25 AM	Silver	<4.00	ppb
12/3/2009	6:25 AM	T-1,2-Dichloroethene	<1.0	ppb
12/3/2009	6:25 AM	T-13-Dichloropropene	<1.0	ppb
12/3/2009	6:25 AM	Tetrachlorethene	<1.0	ppb
12/3/2009	6:25 AM	Toluene	<1.0	ppb
12/3/2009	6:25 AM	TotDissolvedNitrogen	662	ppb
12/3/2009	6:25 AM	Trichlorethene	<1.0	ppb
12/3/2009	6:25 AM	Vinyl Chloride	<1.0	ppb
12/3/2009	6:25 AM	Zinc	70.2	ppb
12/3/2009	6:25 AM	BOD	21.6	ppm
12/3/2009	6:25 AM	OG	4.5	ppm
12/3/2009	6:25 AM	Oil_and_Grease	4.5	ppm
12/3/2009	6:25 AM	Total_Phosphorus-P	0.736	ppm
12/3/2009	6:25 AM	TSS	48	ppm
12/3/2009	6:25 AM	Ammonia	0.977	ppm-N
12/3/2009	6:25 AM	Nitrite	0.0151	ppm-N
12/3/2009	6:25 AM	NO3+NO2	0.132	ppm-N
12/3/2009	6:25 AM	TKN	2.68	ppm-N
12/3/2009	6:25 AM	Mercury	34.9	ppt

Sample Date	Sample Time	Parameter	Result	Units
12/3/2009	7:00 AM	Cadmium	<2.50	ppb
12/3/2009	7:00 AM	CarbonTetrachloride	<1.0	ppb
12/3/2009	7:00 AM	Chlorobenzene	<1.0	ppb
12/3/2009	7:00 AM	Chloroethane	<1.0	ppb
12/3/2009	7:00 AM	Chloroform	<1.0	ppb
12/3/2009	7:00 AM	Chloromethane	<1.0	ppb
12/3/2009	7:00 AM	Chromium	<10.0	ppb
12/3/2009	7:00 AM	Chrysene	<5.000	ppb
12/3/2009	7:00 AM	cis13Dichloropropene	<1.0	ppb
12/3/2009	7:00 AM	Copper	22.6	ppb
12/3/2009	7:00 AM	Cyanide	<4.00	ppb
12/3/2009	7:00 AM	Dibenzoahanthracene	<5.000	ppb
12/3/2009	7:00 AM	Dibromochloromethane	<1.0	ppb
12/3/2009	7:00 AM	Diethylphthalate	<5.000	ppb
12/3/2009	7:00 AM	Dimethylphthalate	<5.000	ppb
12/3/2009	7:00 AM	di-n-butylphthalate	<5.000	ppb
12/3/2009	7:00 AM	Di-n-octylphthalate	<5.000	ppb
12/3/2009	7:00 AM	Ethylbenzene	<1.0	ppb
12/3/2009	7:00 AM	Fluoranthene	<5.000	ppb
12/3/2009	7:00 AM	Fluorene	<5.000	ppb
12/3/2009	7:00 AM	Hexachlorobenzene	<5.000	ppb
12/3/2009	7:00 AM	Hexachlorobutadiene	<5.000	ppb
12/3/2009	7:00 AM	Hexachloroethane	<5.000	ppb
12/3/2009	7:00 AM	Hexaclcyclopentadien	<5.000	ppb
12/3/2009	7:00 AM	Indeno(123-cd)pyrene	<5.000	ppb
12/3/2009	7:00 AM	Iron	1120	ppb
12/3/2009	7:00 AM	Isophorone	<5.000	ppb
12/3/2009	7:00 AM	Lead	27.6	ppb
12/3/2009	7:00 AM	Methylene Chloride	<1.0	ppb
12/3/2009	7:00 AM	Naphthalene	<5.000	ppb
12/3/2009	7:00 AM	Nickel	<10.0	ppb
12/3/2009	7:00 AM	Nitrobenzene	<5.000	ppb
12/3/2009	7:00 AM	Nnitrosodimethylamin	<5.000	ppb
12/3/2009	7:00 AM	Nnitrosodinpropylami	<5.000	ppb
12/3/2009	7:00 AM	Nnitrosodiphenylamin	<5.000	ppb
12/3/2009	7:00 AM	o-xylene	<1.0	ppb
12/3/2009	7:00 AM	Pentachlorophenol	<5.000	ppb
12/3/2009	7:00 AM	Phenanthrene	<5.000	ppb
12/3/2009	7:00 AM	Phenol	<5.000	ppb
12/3/2009	7:00 AM	p-m xylene	<2.0	ppb
12/3/2009	7:00 AM	Pyrene	<5.000	ppb
12/3/2009	7:00 AM	Silver	<4.00	ppb
12/3/2009	7:00 AM	T-1,2-Dichloroethene	<1.0	ppb
12/3/2009	7:00 AM	T-13-Dichloropropene	<1.0	ppb
12/3/2009	7:00 AM	Tetrachlorethene	<1.0	ppb
12/3/2009	7:00 AM	Toluene	1.06	ppb
12/3/2009	7:00 AM	TotDissolvedNitrogen	667	ppb
12/3/2009	7:00 AM	Trichlorethene	<1.0	ppb
12/3/2009	7:00 AM	Vinyl Chloride	<1.0	ppb
12/3/2009	7:00 AM	Zinc	65.8	ppb
12/3/2009	7:00 AM	BOD	20.2	ppm
12/3/2009	7:00 AM	OG	4.5	ppm
12/3/2009	7:00 AM	Oil_and_Grease	4.5	ppm
12/3/2009	7:00 AM	Total_Phosphorus-P	0.622	ppm
12/3/2009	7:00 AM	TSS	184	ppm
12/3/2009	7:00 AM	Ammonia	0.92	ppm-N
12/3/2009	7:00 AM	Nitrite	0.02	ppm-N
12/3/2009	7:00 AM	NO3+NO2	0.149	ppm-N
12/3/2009	7:00 AM	TKN	2.79	ppm-N
12/3/2009	7:00 AM	Mercury	38.6	ppt

Sample Date	Sample Time	Parameter	Result	Units
12/3/2009	7:15 AM	12-Dichloroethane-d4	99.66	%
12/3/2009	7:15 AM	246-Tribromophenol	61	%
12/3/2009	7:15 AM	2-Fluorobiphenyl	61	%
12/3/2009	7:15 AM	2-Fluorophenol	25	%
12/3/2009	7:15 AM	Bromofluorobenzene	96.5	%
12/3/2009	7:15 AM	Nitrobenzene-d5	50	%
12/3/2009	7:15 AM	Phenol-d5	30	%
12/3/2009	7:15 AM	P-Terphenyl-d14	56	%
12/3/2009	7:15 AM	Toluene-d8	98.92	%
12/3/2009	7:15 AM	Fecal	>24000000	MPN/100 ml
12/3/2009	7:15 AM	111-Trichloroethane	<1.0	ppb
12/3/2009	7:15 AM	1122Tetrachlorethane	1.2	ppb
12/3/2009	7:15 AM	112-Trichloroethane	<1.0	ppb
12/3/2009	7:15 AM	1,1-Dichloroethane	<1.0	ppb
12/3/2009	7:15 AM	1,1-Dichloroethene	<1.0	ppb
12/3/2009	7:15 AM	124-Trichlorobenzene	<5.000	ppb
12/3/2009	7:15 AM	1,2-Dichlorobenzene	<1.0	ppb
12/3/2009	7:15 AM	1,2-Dichlorobenzene	<5.000	ppb
12/3/2009	7:15 AM	1,2-Dichloroethane	<1.0	ppb
12/3/2009	7:15 AM	1,2-Dichloropropane	<1.0	ppb
12/3/2009	7:15 AM	12-Diphenylhydrazine	<5.000	ppb
12/3/2009	7:15 AM	1,3-Dichlorobenzene	<1.0	ppb
12/3/2009	7:15 AM	1,3-Dichlorobenzene	<5.000	ppb
12/3/2009	7:15 AM	1,4-Dichlorobenzene	<1.0	ppb
12/3/2009	7:15 AM	1,4-Dichlorobenzene	<5.000	ppb
12/3/2009	7:15 AM	246-Trichlorophenol	<5.000	ppb
12/3/2009	7:15 AM	2,4-Dichlorophenol	<5.000	ppb
12/3/2009	7:15 AM	2,4-Dimethylphenol	<5.000	ppb
12/3/2009	7:15 AM	2,4-Dinitrophenol	<5.000	ppb
12/3/2009	7:15 AM	2,4-Dinitrotoluene	<5.000	ppb
12/3/2009	7:15 AM	2,6-Dinitrotoluene	<5.000	ppb
12/3/2009	7:15 AM	2-Chloronaphthalene	<5.000	ppb
12/3/2009	7:15 AM	2-Chlorophenol	<5.000	ppb
12/3/2009	7:15 AM	2Methyl46dinitrophen	<5.000	ppb
12/3/2009	7:15 AM	2-Nitrophenol	<5.000	ppb
12/3/2009	7:15 AM	33-Dichlorobenzidine	<5.000	ppb
12/3/2009	7:15 AM	4Bromophenphenether	<5.000	ppb
12/3/2009	7:15 AM	4Chloro3methylphenol	<5.000	ppb
12/3/2009	7:15 AM	4Chlorophenphenether	<5.000	ppb
12/3/2009	7:15 AM	4-Nitrophenol	<5.000	ppb
12/3/2009	7:15 AM	Acenaphthene	<5.000	ppb
12/3/2009	7:15 AM	Acenaphthylene	<5.000	ppb
12/3/2009	7:15 AM	Aluminum	647	ppb
12/3/2009	7:15 AM	Anthracene	<5.000	ppb
12/3/2009	7:15 AM	Benzene	<1.0	ppb
12/3/2009	7:15 AM	Benzidine	<5.000	ppb
12/3/2009	7:15 AM	Benzo(a)anthracene	<5.000	ppb
12/3/2009	7:15 AM	Benzo(a)pyrene	<5.000	ppb
12/3/2009	7:15 AM	Benzo(b)fluoranthene	<5.000	ppb
12/3/2009	7:15 AM	Benzo(g,h,i)perylene	<5.000	ppb
12/3/2009	7:15 AM	Benzo(k)fluoranthene	<5.000	ppb
12/3/2009	7:15 AM	bis2chloroethoxymeth	<5.000	ppb
12/3/2009	7:15 AM	bis2chloroethylether	<5.000	ppb
12/3/2009	7:15 AM	bis2chloroisoproethe	<5.000	ppb
12/3/2009	7:15 AM	bis2ethylhexylphthal	<5.000	ppb
12/3/2009	7:15 AM	Bromodichloromethane	<1.0	ppb
12/3/2009	7:15 AM	Bromoform	<5.0	ppb
12/3/2009	7:15 AM	Bromomethane	<1.0	ppb
12/3/2009	7:15 AM	Butylbenzylphthalate	<5.000	ppb

Sample Date	Sample Time	Parameter	Result	Units
12/3/2009	7:15 AM	Cadmium	<2.50	ppb
12/3/2009	7:15 AM	CarbonTetrachloride	<1.0	ppb
12/3/2009	7:15 AM	Chlorobenzene	<1.0	ppb
12/3/2009	7:15 AM	Chloroethane	<1.0	ppb
12/3/2009	7:15 AM	Chloroform	<1.0	ppb
12/3/2009	7:15 AM	Chloromethane	<1.0	ppb
12/3/2009	7:15 AM	Chromium	9.2	ppb
12/3/2009	7:15 AM	Chrysene	<5.000	ppb
12/3/2009	7:15 AM	cis13Dichloropropene	<1.0	ppb
12/3/2009	7:15 AM	Copper	24	ppb
12/3/2009	7:15 AM	Cyanide	<4.00	ppb
12/3/2009	7:15 AM	Dibenzoahanthracene	<5.000	ppb
12/3/2009	7:15 AM	Dibromochloromethane	<1.0	ppb
12/3/2009	7:15 AM	Diethylphthalate	<5.000	ppb
12/3/2009	7:15 AM	Dimethylphthalate	<5.000	ppb
12/3/2009	7:15 AM	di-n-butylphthalate	<5.000	ppb
12/3/2009	7:15 AM	Di-n-octylphthalate	<5.000	ppb
12/3/2009	7:15 AM	Ethylbenzene	<1.0	ppb
12/3/2009	7:15 AM	Fluoranthene	<5.000	ppb
12/3/2009	7:15 AM	Fluorene	<5.000	ppb
12/3/2009	7:15 AM	Hexachlorobenzene	<5.000	ppb
12/3/2009	7:15 AM	Hexachlorobutadiene	<5.000	ppb
12/3/2009	7:15 AM	Hexachloroethane	<5.000	ppb
12/3/2009	7:15 AM	Hexaclcyclopentadien	<5.000	ppb
12/3/2009	7:15 AM	Indeno(123-cd)pyrene	<5.000	ppb
12/3/2009	7:15 AM	Iron	1090	ppb
12/3/2009	7:15 AM	Isophorone	<5.000	ppb
12/3/2009	7:15 AM	Lead	25.5	ppb
12/3/2009	7:15 AM	Methylene Chloride	<1.0	ppb
12/3/2009	7:15 AM	Naphthalene	<5.000	ppb
12/3/2009	7:15 AM	Nickel	<10.0	ppb
12/3/2009	7:15 AM	Nitrobenzene	<5.000	ppb
12/3/2009	7:15 AM	Nnitrosodimethylamin	<5.000	ppb
12/3/2009	7:15 AM	Nnitrosodinpropylami	<5.000	ppb
12/3/2009	7:15 AM	Nnitrosodiphenylamin	<5.000	ppb
12/3/2009	7:15 AM	o-xylene	<1.0	ppb
12/3/2009	7:15 AM	Pentachlorophenol	<5.000	ppb
12/3/2009	7:15 AM	Phenanthrene	<5.000	ppb
12/3/2009	7:15 AM	Phenol	<5.000	ppb
12/3/2009	7:15 AM	p-m xylene	<2.0	ppb
12/3/2009	7:15 AM	Pyrene	<5.000	ppb
12/3/2009	7:15 AM	Silver	<4.00	ppb
12/3/2009	7:15 AM	T-1,2-Dichloroethene	<1.0	ppb
12/3/2009	7:15 AM	T-13-Dichloropropene	<1.0	ppb
12/3/2009	7:15 AM	Tetrachlorethene	<1.0	ppb
12/3/2009	7:15 AM	Toluene	<1.0	ppb
12/3/2009	7:15 AM	TotDissolvedNitrogen	596	ppb
12/3/2009	7:15 AM	Trichlorethene	<1.0	ppb
12/3/2009	7:15 AM	Vinyl Chloride	<1.0	ppb
12/3/2009	7:15 AM	Zinc	64.6	ppb
12/3/2009	7:15 AM	BOD	23.2	ppm
12/3/2009	7:15 AM	OG	4.5	ppm
12/3/2009	7:15 AM	Oil_and_Grease	4.5	ppm
12/3/2009	7:15 AM	Total_Phosphorus-P	0.732	ppm
12/3/2009	7:15 AM	TSS	68	ppm
12/3/2009	7:15 AM	Ammonia	0.994	ppm-N
12/3/2009	7:15 AM	NO3+NO2	0.148	ppm-N
12/3/2009	7:15 AM	TKN	2.8	ppm-N
12/3/2009	7:15 AM	Mercury	38.6	ppt

All samples are from CSO Wet weather Overflow at Rathbone St (NBC CSO # 045)

Sample Date	Sample Time	Parameter	Result	Units
12/3/2009	4:10 AM	12-Dichloroethane-d4	99.6	%
12/3/2009	4:10 AM	246-Tribromophenol	54	%
12/3/2009	4:10 AM	2-Fluorobiphenyl	55	%
12/3/2009	4:10 AM	2-Fluorophenol	22	%
12/3/2009	4:10 AM	Bromofluorobenzene	98.34	%
12/3/2009	4:10 AM	Nitrobenzene-d5	53	%
12/3/2009	4:10 AM	Phenol-d5	27	%
12/3/2009	4:10 AM	P-Terphenyl-d14	51	%
12/3/2009	4:10 AM	Toluene-d8	99.9	%
12/3/2009	4:10 AM	Fecal	90000	MPN/100 ml
12/3/2009	4:10 AM	111-Trichloroethane	<1.0	ppb
12/3/2009	4:10 AM	1122Tetrachlorethane	<1.0	ppb
12/3/2009	4:10 AM	112-Trichloroethane	<1.0	ppb
12/3/2009	4:10 AM	1,1-Dichloroethane	<1.0	ppb
12/3/2009	4:10 AM	1,1-Dichloroethene	<1.0	ppb
12/3/2009	4:10 AM	124-Trichlorobenzene	<5.000	ppb
12/3/2009	4:10 AM	1,2-Dichlorobenzene	<1.0	ppb
12/3/2009	4:10 AM	1,2-Dichlorobenzene	<5.000	ppb
12/3/2009	4:10 AM	1,2-Dichloroethane	<1.0	ppb
12/3/2009	4:10 AM	1,2-Dichloropropane	<1.0	ppb
12/3/2009	4:10 AM	12-Diphenylhydrazine	<5.000	ppb
12/3/2009	4:10 AM	1,3-Dichlorobenzene	<1.0	ppb
12/3/2009	4:10 AM	1,3-Dichlorobenzene	<5.000	ppb
12/3/2009	4:10 AM	1,4-Dichlorobenzene	<1.0	ppb
12/3/2009	4:10 AM	1,4-Dichlorobenzene	<5.000	ppb
12/3/2009	4:10 AM	246-Trichlorophenol	<5.000	ppb
12/3/2009	4:10 AM	2,4-Dichlorophenol	<5.000	ppb
12/3/2009	4:10 AM	2,4-Dimethylphenol	<5.000	ppb
12/3/2009	4:10 AM	2,4-Dinitrophenol	<5.000	ppb
12/3/2009	4:10 AM	2,4-Dinitrotoluene	<5.000	ppb
12/3/2009	4:10 AM	2,6-Dinitrotoluene	<5.000	ppb
12/3/2009	4:10 AM	2-Chloronaphthalene	<5.000	ppb
12/3/2009	4:10 AM	2-Chlorophenol	<5.000	ppb
12/3/2009	4:10 AM	2Methyl46dinitrophen	<5.000	ppb
12/3/2009	4:10 AM	2-Nitrophenol	<5.000	ppb
12/3/2009	4:10 AM	33-Dichlorobenzidine	<5.000	ppb
12/3/2009	4:10 AM	4Bromophenphenether	<5.000	ppb
12/3/2009	4:10 AM	4Chloro3methylphenol	<5.000	ppb
12/3/2009	4:10 AM	4Chlorophenphenether	<5.000	ppb
12/3/2009	4:10 AM	4-Nitrophenol	<5.000	ppb
12/3/2009	4:10 AM	Acenaphthene	<5.000	ppb
12/3/2009	4:10 AM	Acenaphthylene	<5.000	ppb
12/3/2009	4:10 AM	Aluminum	900	ppb
12/3/2009	4:10 AM	Anthracene	<5.000	ppb
12/3/2009	4:10 AM	Benzene	<1.0	ppb
12/3/2009	4:10 AM	Benzidine	<5.000	ppb
12/3/2009	4:10 AM	Benzo(a)anthracene	<5.000	ppb
12/3/2009	4:10 AM	Benzo(a)pyrene	<5.000	ppb
12/3/2009	4:10 AM	Benzo(b)fluoranthene	<5.000	ppb
12/3/2009	4:10 AM	Benzo(g,h,i)perylene	<5.000	ppb
12/3/2009	4:10 AM	Benzo(k)fluoranthene	<5.000	ppb
12/3/2009	4:10 AM	bis2chloroethoxymeth	<5.000	ppb
12/3/2009	4:10 AM	bis2chloroethylether	<5.000	ppb
12/3/2009	4:10 AM	bis2chloroisoproethe	<5.000	ppb
12/3/2009	4:10 AM	bis2ethylhexylphthal	<5.000	ppb
12/3/2009	4:10 AM	Bromodichloromethane	<1.0	ppb
12/3/2009	4:10 AM	Bromoform	<5.0	ppb
12/3/2009	4:10 AM	Bromomethane	<1.0	ppb
12/3/2009	4:10 AM	Butylbenzylphthalate	<5.000	ppb

Sample Date	Sample Time	Parameter	Result	Units
12/3/2009	7:25 AM	12-Dichloroethane-d4	101.18	%
12/3/2009	7:25 AM	246-Tribromophenol	43	%
12/3/2009	7:25 AM	2-Fluorobiphenyl	61	%
12/3/2009	7:25 AM	2-Fluorophenol	22	%
12/3/2009	7:25 AM	Bromofluorobenzene	99.4	%
12/3/2009	7:25 AM	Nitrobenzene-d5	62	%
12/3/2009	7:25 AM	Phenol-d5	24	%
12/3/2009	7:25 AM	P-Terphenyl-d14	55	%
12/3/2009	7:25 AM	Toluene-d8	97.2	%
12/3/2009	7:25 AM	Fecal	90000	MPN/100 ml
12/3/2009	7:25 AM	111-Trichloroethane	<1.0	ppb
12/3/2009	7:25 AM	1122Tetrachlorethane	<1.0	ppb
12/3/2009	7:25 AM	112-Trichloroethane	<1.0	ppb
12/3/2009	7:25 AM	1,1-Dichloroethane	<1.0	ppb
12/3/2009	7:25 AM	1,1-Dichloroethene	<1.0	ppb
12/3/2009	7:25 AM	124-Trichlorobenzene	<5.000	ppb
12/3/2009	7:25 AM	1,2-Dichlorobenzene	<1.0	ppb
12/3/2009	7:25 AM	1,2-Dichlorobenzene	<5.000	ppb
12/3/2009	7:25 AM	1,2-Dichloroethane	<1.0	ppb
12/3/2009	7:25 AM	1,2-Dichloropropane	<1.0	ppb
12/3/2009	7:25 AM	12-Diphenylhydrazine	<5.000	ppb
12/3/2009	7:25 AM	1,3-Dichlorobenzene	<1.0	ppb
12/3/2009	7:25 AM	1,3-Dichlorobenzene	<5.000	ppb
12/3/2009	7:25 AM	1,4-Dichlorobenzene	<1.0	ppb
12/3/2009	7:25 AM	1,4-Dichlorobenzene	<5.000	ppb
12/3/2009	7:25 AM	246-Trichlorophenol	<5.000	ppb
12/3/2009	7:25 AM	2,4-Dichlorophenol	<5.000	ppb
12/3/2009	7:25 AM	2,4-Dimethylphenol	<5.000	ppb
12/3/2009	7:25 AM	2,4-Dinitrophenol	<5.000	ppb
12/3/2009	7:25 AM	2,4-Dinitrotoluene	<5.000	ppb
12/3/2009	7:25 AM	2,6-Dinitrotoluene	<5.000	ppb
12/3/2009	7:25 AM	2-Chloronaphthalene	<5.000	ppb
12/3/2009	7:25 AM	2-Chlorophenol	<5.000	ppb
12/3/2009	7:25 AM	2Methyl46dinitrophen	<5.000	ppb
12/3/2009	7:25 AM	2-Nitrophenol	<5.000	ppb
12/3/2009	7:25 AM	33-Dichlorobenzidine	<5.000	ppb
12/3/2009	7:25 AM	4Bromophenphenether	<5.000	ppb
12/3/2009	7:25 AM	4Chloro3methylphenol	<5.000	ppb
12/3/2009	7:25 AM	4Chlorophenphenether	<5.000	ppb
12/3/2009	7:25 AM	4-Nitrophenol	<5.000	ppb
12/3/2009	7:25 AM	Acenaphthene	<5.000	ppb
12/3/2009	7:25 AM	Acenaphthylene	<5.000	ppb
12/3/2009	7:25 AM	Aluminum	577	ppb
12/3/2009	7:25 AM	Anthracene	<5.000	ppb
12/3/2009	7:25 AM	Benzene	<1.0	ppb
12/3/2009	7:25 AM	Benzidine	<5.000	ppb
12/3/2009	7:25 AM	Benzo(a)anthracene	<5.000	ppb
12/3/2009	7:25 AM	Benzo(a)pyrene	<5.000	ppb
12/3/2009	7:25 AM	Benzo(b)fluoranthene	<5.000	ppb
12/3/2009	7:25 AM	Benzo(g,h,i)perylene	<5.000	ppb
12/3/2009	7:25 AM	Benzo(k)fluoranthene	<5.000	ppb
12/3/2009	7:25 AM	bis2chloroethoxymeth	<5.000	ppb
12/3/2009	7:25 AM	bis2chloroethylether	<5.000	ppb
12/3/2009	7:25 AM	bis2chloroisoproethe	<5.000	ppb
12/3/2009	7:25 AM	bis2ethylhexylphthal	<5.000	ppb
12/3/2009	7:25 AM	Bromodichloromethane	<1.0	ppb
12/3/2009	7:25 AM	Bromoform	<5.0	ppb
12/3/2009	7:25 AM	Bromomethane	<1.0	ppb
12/3/2009	7:25 AM	Butylbenzylphthalate	<5.000	ppb

Sample Date	Sample Time	Parameter	Result	Units
12/3/2009	4:10 AM	Cadmium	<2.50	ppb
12/3/2009	4:10 AM	CarbonTetrachloride	<1.0	ppb
12/3/2009	4:10 AM	Chlorobenzene	<1.0	ppb
12/3/2009	4:10 AM	Chloroethane	<1.0	ppb
12/3/2009	4:10 AM	Chloroform	<1.0	ppb
12/3/2009	4:10 AM	Chloromethane	<1.0	ppb
12/3/2009	4:10 AM	Chromium	<10.0	ppb
12/3/2009	4:10 AM	Chrysene	<5.000	ppb
12/3/2009	4:10 AM	cis13Dichloropropene	<1.0	ppb
12/3/2009	4:10 AM	Copper	19.9	ppb
12/3/2009	4:10 AM	Cyanide	<4.00	ppb
12/3/2009	4:10 AM	Dibenzoahanthracene	<5.000	ppb
12/3/2009	4:10 AM	Dibromochloromethane	<1.0	ppb
12/3/2009	4:10 AM	Diethylphthalate	<5.000	ppb
12/3/2009	4:10 AM	Dimethylphthalate	<5.000	ppb
12/3/2009	4:10 AM	di-n-butylphthalate	<5.000	ppb
12/3/2009	4:10 AM	Di-n-octylphthalate	<5.000	ppb
12/3/2009	4:10 AM	Ethylbenzene	<1.0	ppb
12/3/2009	4:10 AM	Fluoranthene	<5.000	ppb
12/3/2009	4:10 AM	Fluorene	<5.000	ppb
12/3/2009	4:10 AM	Hexachlorobenzene	<5.000	ppb
12/3/2009	4:10 AM	Hexachlorobutadiene	<5.000	ppb
12/3/2009	4:10 AM	Hexachloroethane	<5.000	ppb
12/3/2009	4:10 AM	Hexaclcyclopentadien	<5.000	ppb
12/3/2009	4:10 AM	Indeno(123-cd)pyrene	<5.000	ppb
12/3/2009	4:10 AM	Iron	1450	ppb
12/3/2009	4:10 AM	Isophorone	<5.000	ppb
12/3/2009	4:10 AM	Lead	44.9	ppb
12/3/2009	4:10 AM	Methylene Chloride	<1.0	ppb
12/3/2009	4:10 AM	Naphthalene	<5.000	ppb
12/3/2009	4:10 AM	Nickel	<10.0	ppb
12/3/2009	4:10 AM	Nitrobenzene	<5.000	ppb
12/3/2009	4:10 AM	Nnitrosodimethylamin	<5.000	ppb
12/3/2009	4:10 AM	Nnitrosodinpropylami	<5.000	ppb
12/3/2009	4:10 AM	Nnitrosodiphenylamin	<5.000	ppb
12/3/2009	4:10 AM	o-xylene	<1.0	ppb
12/3/2009	4:10 AM	Pentachlorophenol	<5.000	ppb
12/3/2009	4:10 AM	Phenanthrene	<5.000	ppb
12/3/2009	4:10 AM	Phenol	<5.000	ppb
12/3/2009	4:10 AM	p-m xylene	<2.0	ppb
12/3/2009	4:10 AM	Pyrene	<5.000	ppb
12/3/2009	4:10 AM	Silver	<4.00	ppb
12/3/2009	4:10 AM	T-1,2-Dichloroethene	<1.0	ppb
12/3/2009	4:10 AM	T-13-Dichloropropene	<1.0	ppb
12/3/2009	4:10 AM	Tetrachlorethene	<1.0	ppb
12/3/2009	4:10 AM	Toluene	<1.0	ppb
12/3/2009	4:10 AM	TotDissolvedNitrogen	332	ppb
12/3/2009	4:10 AM	Trichlorethene	<1.0	ppb
12/3/2009	4:10 AM	Vinyl Chloride	<1.0	ppb
12/3/2009	4:10 AM	Zinc	74.4	ppb
12/3/2009	4:10 AM	BOD	15.5	ppm
12/3/2009	4:10 AM	OG	4.5	ppm
12/3/2009	4:10 AM	Oil_and_Grease	4.5	ppm
12/3/2009	4:10 AM	Total_Phosphorus-P	0.592	ppm
12/3/2009	4:10 AM	TSS	24	ppm
12/3/2009	4:10 AM	Ammonia	0.212	ppm-N
12/3/2009	4:10 AM	Nitrite	0.0107	ppm-N
12/3/2009	4:10 AM	NO3+NO2	0.131	ppm-N
12/3/2009	4:10 AM	TKN	1.63	ppm-N
12/3/2009	4:10 AM	Mercury	75	ppt

Sample Date	Sample Time	Parameter	Result	Units
12/3/2009	7:25 AM	Cadmium	<2.50	ppb
12/3/2009	7:25 AM	CarbonTetrachloride	<1.0	ppb
12/3/2009	7:25 AM	Chlorobenzene	<1.0	ppb
12/3/2009	7:25 AM	Chloroethane	<1.0	ppb
12/3/2009	7:25 AM	Chloroform	<1.0	ppb
12/3/2009	7:25 AM	Chloromethane	<1.0	ppb
12/3/2009	7:25 AM	Chromium	<10.0	ppb
12/3/2009	7:25 AM	Chrysene	<5.000	ppb
12/3/2009	7:25 AM	cis13Dichloropropene	<1.0	ppb
12/3/2009	7:25 AM	Copper	<10.0	ppb
12/3/2009	7:25 AM	Cyanide	<4.00	ppb
12/3/2009	7:25 AM	Dibenzoahanthracene	<5.000	ppb
12/3/2009	7:25 AM	Dibromochloromethane	<1.0	ppb
12/3/2009	7:25 AM	Diethylphthalate	<5.000	ppb
12/3/2009	7:25 AM	Dimethylphthalate	<5.000	ppb
12/3/2009	7:25 AM	di-n-butylphthalate	<5.000	ppb
12/3/2009	7:25 AM	Di-n-octylphthalate	<5.000	ppb
12/3/2009	7:25 AM	Ethylbenzene	<1.0	ppb
12/3/2009	7:25 AM	Fluoranthene	<5.000	ppb
12/3/2009	7:25 AM	Fluorene	<5.000	ppb
12/3/2009	7:25 AM	Hexachlorobenzene	<5.000	ppb
12/3/2009	7:25 AM	Hexachlorobutadiene	<5.000	ppb
12/3/2009	7:25 AM	Hexachloroethane	<5.000	ppb
12/3/2009	7:25 AM	Hexaclcyclopentadien	<5.000	ppb
12/3/2009	7:25 AM	Indeno(123-cd)pyrene	<5.000	ppb
12/3/2009	7:25 AM	Iron	762	ppb
12/3/2009	7:25 AM	Isophorone	<5.000	ppb
12/3/2009	7:25 AM	Lead	<10.0	ppb
12/3/2009	7:25 AM	Methylene Chloride	<1.0	ppb
12/3/2009	7:25 AM	Naphthalene	<5.000	ppb
12/3/2009	7:25 AM	Nickel	<10.0	ppb
12/3/2009	7:25 AM	Nitrobenzene	<5.000	ppb
12/3/2009	7:25 AM	Nnitrosodimethylamin	<5.000	ppb
12/3/2009	7:25 AM	Nnitrosodinpropylami	<5.000	ppb
12/3/2009	7:25 AM	Nnitrosodiphenylamin	<5.000	ppb
12/3/2009	7:25 AM	o-xylene	<1.0	ppb
12/3/2009	7:25 AM	Pentachlorophenol	<5.000	ppb
12/3/2009	7:25 AM	Phenanthrene	<5.000	ppb
12/3/2009	7:25 AM	Phenol	<5.000	ppb
12/3/2009	7:25 AM	p-m xylene	<2.0	ppb
12/3/2009	7:25 AM	Pyrene	<5.000	ppb
12/3/2009	7:25 AM	Silver	<4.00	ppb
12/3/2009	7:25 AM	T-1,2-Dichloroethene	<1.0	ppb
12/3/2009	7:25 AM	T-13-Dichloropropene	<1.0	ppb
12/3/2009	7:25 AM	Tetrachlorethene	<1.0	ppb
12/3/2009	7:25 AM	Toluene	<1.0	ppb
12/3/2009	7:25 AM	TotDissolvedNitrogen	1050	ppb
12/3/2009	7:25 AM	Trichlorethene	<1.0	ppb
12/3/2009	7:25 AM	Vinyl Chloride	<1.0	ppb
12/3/2009	7:25 AM	Zinc	30.2	ppb
12/3/2009	7:25 AM	BOD	10.4	ppm
12/3/2009	7:25 AM	OG	4.5	ppm
12/3/2009	7:25 AM	Oil_and_Grease	4.5	ppm
12/3/2009	7:25 AM	Total_Phosphorus-P	0.287	ppm
12/3/2009	7:25 AM	TSS	18	ppm
12/3/2009	7:25 AM	Ammonia	0.339	ppm-N
12/3/2009	7:25 AM	Nitrite	0.0143	ppm-N
12/3/2009	7:25 AM	NO3+NO2	0.18	ppm-N
12/3/2009	7:25 AM	TKN	1.19	ppm-N
12/3/2009	7:25 AM	Mercury	69.7	ppt

Sample Date	Sample Time	Parameter	Result	Units
12/3/2009	8:10 AM	12-Dichloroethane-d4	98.88	%
12/3/2009	8:10 AM	246-Tribromophenol	46	%
12/3/2009	8:10 AM	2-Fluorobiphenyl	58	%
12/3/2009	8:10 AM	2-Fluorophenol	18	%
12/3/2009	8:10 AM	Bromofluorobenzene	98.88	%
12/3/2009	8:10 AM	Nitrobenzene-d5	59	%
12/3/2009	8:10 AM	Phenol-d5	24	%
12/3/2009	8:10 AM	P-Terphenyl-d14	57	%
12/3/2009	8:10 AM	Toluene-d8	100.4	%
12/3/2009	8:10 AM	Fecal	30000	MPN/100 ml
12/3/2009	8:10 AM	111-Trichloroethane	<1.0	ppb
12/3/2009	8:10 AM	1122Tetrachlorethane	<1.0	ppb
12/3/2009	8:10 AM	112-Trichloroethane	<1.0	ppb
12/3/2009	8:10 AM	1,1-Dichloroethane	<1.0	ppb
12/3/2009	8:10 AM	1,1-Dichloroethene	<1.0	ppb
12/3/2009	8:10 AM	124-Trichlorobenzene	<5.000	ppb
12/3/2009	8:10 AM	1,2-Dichlorobenzene	<1.0	ppb
12/3/2009	8:10 AM	1,2-Dichlorobenzene	<5.000	ppb
12/3/2009	8:10 AM	1,2-Dichloroethane	<1.0	ppb
12/3/2009	8:10 AM	1,2-Dichloropropane	<1.0	ppb
12/3/2009	8:10 AM	12-Diphenylhydrazine	<5.000	ppb
12/3/2009	8:10 AM	1,3-Dichlorobenzene	<1.0	ppb
12/3/2009	8:10 AM	1,3-Dichlorobenzene	<5.000	ppb
12/3/2009	8:10 AM	1,4-Dichlorobenzene	<1.0	ppb
12/3/2009	8:10 AM	1,4-Dichlorobenzene	<5.000	ppb
12/3/2009	8:10 AM	246-Trichlorophenol	<5.000	ppb
12/3/2009	8:10 AM	2,4-Dichlorophenol	<5.000	ppb
12/3/2009	8:10 AM	2,4-Dimethylphenol	<5.000	ppb
12/3/2009	8:10 AM	2,4-Dinitrophenol	<5.000	ppb
12/3/2009	8:10 AM	2,4-Dinitrotoluene	<5.000	ppb
12/3/2009	8:10 AM	2,6-Dinitrotoluene	<5.000	ppb
12/3/2009	8:10 AM	2-Chloronaphthalene	<5.000	ppb
12/3/2009	8:10 AM	2-Chlorophenol	<5.000	ppb
12/3/2009	8:10 AM	2Methyl46dinitrophen	<5.000	ppb
12/3/2009	8:10 AM	2-Nitrophenol	<5.000	ppb
12/3/2009	8:10 AM	33-Dichlorobenzidine	<5.000	ppb
12/3/2009	8:10 AM	4Bromophenphenether	<5.000	ppb
12/3/2009	8:10 AM	4Chloro3methylphenol	<5.000	ppb
12/3/2009	8:10 AM	4Chlorophenphenether	<5.000	ppb
12/3/2009	8:10 AM	4-Nitrophenol	<5.000	ppb
12/3/2009	8:10 AM	Acenaphthene	<5.000	ppb
12/3/2009	8:10 AM	Acenaphthylene	<5.000	ppb
12/3/2009	8:10 AM	Aluminum	389	ppb
12/3/2009	8:10 AM	Anthracene	<5.000	ppb
12/3/2009	8:10 AM	Benzene	<1.0	ppb
12/3/2009	8:10 AM	Benzidine	<5.000	ppb
12/3/2009	8:10 AM	Benzo(a)anthracene	<5.000	ppb
12/3/2009	8:10 AM	Benzo(a)pyrene	<5.000	ppb
12/3/2009	8:10 AM	Benzo(b)fluoranthene	<5.000	ppb
12/3/2009	8:10 AM	Benzo(g,h,i)perylene	<5.000	ppb
12/3/2009	8:10 AM	Benzo(k)fluoranthene	<5.000	ppb
12/3/2009	8:10 AM	bis2chloroethoxymeth	<5.000	ppb
12/3/2009	8:10 AM	bis2chloroethylether	<5.000	ppb
12/3/2009	8:10 AM	bis2chloroisoproethe	<5.000	ppb
12/3/2009	8:10 AM	bis2ethylhexylphthal	<5.000	ppb
12/3/2009	8:10 AM	Bromodichloromethane	<1.0	ppb
12/3/2009	8:10 AM	Bromoform	<5.0	ppb
12/3/2009	8:10 AM	Bromomethane	<1.0	ppb
12/3/2009	8:10 AM	Butylbenzylphthalate	<5.000	ppb

Sample Date	Sample Time	Parameter	Result	Units
12/3/2009	8:10 AM	Cadmium	<2.50	ppb
12/3/2009	8:10 AM	CarbonTetrachloride	<1.0	ppb
12/3/2009	8:10 AM	Chlorobenzene	<1.0	ppb
12/3/2009	8:10 AM	Chloroethane	<1.0	ppb
12/3/2009	8:10 AM	Chloroform	<1.0	ppb
12/3/2009	8:10 AM	Chloromethane	<1.0	ppb
12/3/2009	8:10 AM	Chromium	<10.0	ppb
12/3/2009	8:10 AM	Chrysene	<5.000	ppb
12/3/2009	8:10 AM	cis13Dichloropropene	<1.0	ppb
12/3/2009	8:10 AM	Copper	<10.0	ppb
12/3/2009	8:10 AM	Cyanide	<4.00	ppb
12/3/2009	8:10 AM	Dibenzoahanthracene	<5.000	ppb
12/3/2009	8:10 AM	Dibromochloromethane	<1.0	ppb
12/3/2009	8:10 AM	Diethylphthalate	<5.000	ppb
12/3/2009	8:10 AM	Dimethylphthalate	<5.000	ppb
12/3/2009	8:10 AM	di-n-butylphthalate	<5.000	ppb
12/3/2009	8:10 AM	Di-n-octylphthalate	<5.000	ppb
12/3/2009	8:10 AM	Ethylbenzene	<1.0	ppb
12/3/2009	8:10 AM	Fluoranthene	<5.000	ppb
12/3/2009	8:10 AM	Fluorene	<5.000	ppb
12/3/2009	8:10 AM	Hexachlorobenzene	<5.000	ppb
12/3/2009	8:10 AM	Hexachlorobutadiene	<5.000	ppb
12/3/2009	8:10 AM	Hexachloroethane	<5.000	ppb
12/3/2009	8:10 AM	Hexaclcyclopentadien	<5.000	ppb
12/3/2009	8:10 AM	Indeno(123-cd)pyrene	<5.000	ppb
12/3/2009	8:10 AM	Iron	538	ppb
12/3/2009	8:10 AM	Isophorone	<5.000	ppb
12/3/2009	8:10 AM	Lead	<10.0	ppb
12/3/2009	8:10 AM	Methylene Chloride	<1.0	ppb
12/3/2009	8:10 AM	Naphthalene	<5.000	ppb
12/3/2009	8:10 AM	Nickel	<10.0	ppb
12/3/2009	8:10 AM	Nitrobenzene	<5.000	ppb
12/3/2009	8:10 AM	Nnitrosodimethylamin	<5.000	ppb
12/3/2009	8:10 AM	Nnitrosodinpropylami	<5.000	ppb
12/3/2009	8:10 AM	Nnitrosodiphenylamin	<5.000	ppb
12/3/2009	8:10 AM	o-xylene	<1.0	ppb
12/3/2009	8:10 AM	Pentachlorophenol	<5.000	ppb
12/3/2009	8:10 AM	Phenanthrene	<5.000	ppb
12/3/2009	8:10 AM	Phenol	<5.000	ppb
12/3/2009	8:10 AM	p-m xylene	<2.0	ppb
12/3/2009	8:10 AM	Pyrene	<5.000	ppb
12/3/2009	8:10 AM	Silver	<4.00	ppb
12/3/2009	8:10 AM	T-1,2-Dichloroethene	<1.0	ppb
12/3/2009	8:10 AM	T-13-Dichloropropene	<1.0	ppb
12/3/2009	8:10 AM	Tetrachlorethene	<1.0	ppb
12/3/2009	8:10 AM	Toluene	<1.0	ppb
12/3/2009	8:10 AM	TotDissolvedNitrogen	859	ppb
12/3/2009	8:10 AM	Trichlorethene	<1.0	ppb
12/3/2009	8:10 AM	Vinyl Chloride	<1.0	ppb
12/3/2009	8:10 AM	Zinc	33.3	ppb
12/3/2009	8:10 AM	BOD	10	ppm
12/3/2009	8:10 AM	OG	4.5	ppm
12/3/2009	8:10 AM	Oil_and_Grease	4.5	ppm
12/3/2009	8:10 AM	Total_Phosphorus-P	0.311	ppm
12/3/2009	8:10 AM	TSS	58	ppm
12/3/2009	8:10 AM	Ammonia	0.277	ppm-N
12/3/2009	8:10 AM	Nitrite	<0.0100	ppm-N
12/3/2009	8:10 AM	NO3+NO2	0.178	ppm-N
12/3/2009	8:10 AM	TKN	1.6	ppm-N
12/3/2009	8:10 AM	Mercury	34.3	ppt