Gills Creek Watershed Management Plan

August 5, 2020

Prepared For

GILLS CREEK WATERSHED ASSOCIATION

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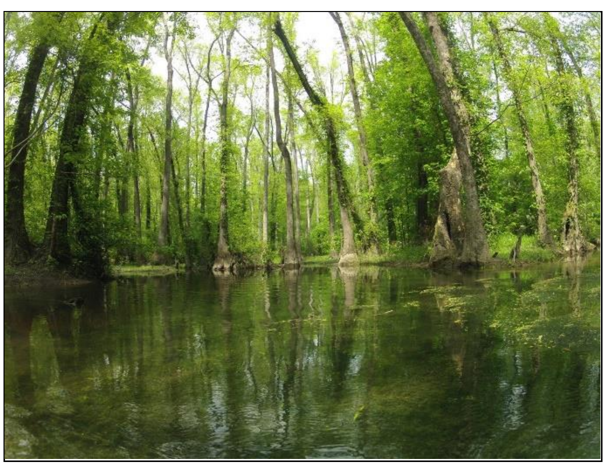


Contents

Tables

Figures

Appendices

Preface

The Gills Creek Watershed Association is grateful to the Richland County Conservation Commission for funding to complete this update of the 2009 Gills Creek Watershed Management Plan. The update was undertaken in order to reflect changes in the watershed's condition over the last ten years and to provide a more explicit listing of projects, along with predicted costs and expected results.

We appreciate McCormick Taylor's efforts to accomplish the work within our budget, and we are grateful to our Technical Committee members and to the many residents and stakeholders in the watershed who took the time to provide information about "hotspots" and to guide the work as it proceeded.

Among the changes to the Gills Creek Watershed in the past 10 years, we note an increased population density, changes in land use including a 16% increase in developed land, and increased impervious surfaces. The watershed has 303(d) impairment listings for dissolved oxygen (DO), fecal coliform (FC), mercury, and most recently, lead, with subsequent issuance of TMDLs for DO and FC. TMDLs impose formal Load Allocations for associated pollutants, which has implications for Municipal Separate Storm Sewer System (MS4) permit conditions.

Of course, the unprecedented floods of 2015 also focused residents' attention on flood vulnerability and the need for mitigation in many ways. The 2009 plan identified subwatersheds GC-06 and GC-07 (which are both located in the HUC-12 Lower Gills Creek-Congaree Watershed, 030501100203) as hotspots for flooding, and that proved to be the case in 2015, along with many other subwatersheds not identified in the 2009 plan.

The 2009 Plan identified seven management objectives, with suggestions for actions by local governments, private citizens, and the GCWA to meet them. These objectives, with examples of actions taken to address them, are:

- Implement stream buffers throughout the watershed.
  Richland county has instituted a 50-foot buffer requirement, which increases to 100 feet in 303(D) listed areas, or areas with a TMDL plan.
- Stop floatable trash from filling waterbodies in the Gills Creek Watershed by keeping trash in trashcans and out of storm drains.
  GCWA, in partnership with The Comet and Richland County, procured funding for trashcans at bus stops along Decker Boulevard, marked with bilingual signs. We have also organized major cleanups in the headwaters of Carys Lake and along Decker Boulevard.
- Reduce the impacts of stormwater flooding by improving stormwater volume controls and retrofitting inadequate confining structures (culverts and bridges).
- Stabilize degrading stream channels and unstable stream banks to decrease sedimentation and improve wildlife habitat and water quality.
  GCWA has worked closely with a variety of partners to address these two objectives through restoration projects at Carys Lake, Owens Field, Eden's property, in the upper part of the watershed near Spring Valley, and through intervention to improve design at a number of development projects throughout the watershed. In addition, we are in the midst of a major channel restoration project at Crowson Rd. and Devine St., where lives were lost during the 2015 floods.
- Reduce bacteria loads from domesticated pets and leaking or inadequate septic tanks.
- Reduce nutrients from fertilizers.

The current City of Columbia domestic waste sewer system upgrade around Lake Katherine and Jackson Boulevard will reduce leaks and sanitary sewer overflows (SSOs). GCWA has also addressed these, and related issues, through our ongoing education efforts in schools, at public events, through social media outreach, our website, and through publications. These efforts are a major focus of GCWA activity and will continue to be.

- Purchase lands for preservation in areas near the Congaree River and in Little Jackson and Jackson Creeks.
  Although GCWA was successful in obtaining funding to assist in land preservation efforts, many partners and considerably more funding will be needed to purchase land. We have supported local government purchase of flood-prone properties and land trust easements, and we continue to seek out opportunities to put more land into protected status.

This updated plan will provide myriad options not only for GCWA, but for local governments and others in the watershed. It is meant to be a living document, adjusted as needed to reflect watershed conditions and accommodate new threats, opportunities, and community concerns. The Gills Creek Watershed Association, whose activities encompass more than those included in this relatively-focused watershed management plan, welcomes continued input from all stakeholders—related to this plan or to the larger GCWA agenda—at any time.

Executive Summary

This Watershed Management Plan for the Gills Creek Watershed (47,700 acres) is developed to address key issues impacting natural resources and water quality in the watershed. The watershed faces many of the problems typically associated with increased urbanization and the associated stormwater impacts, including stream and shoreline erosion, water quality degradation, and loss of natural resources. Several stations within the Gills Creek Watershed are currently listed on the SC Department of Health and Environmental Control's (SCDHEC) draft 2018 303(d) list for water quality impairments, and two Total Maximum Daily Loads (TMDL) have been established for Dissolved Oxygen (DO) and Fecal Coliform (FC). Other issues documented in the watershed include periodic flooding, excessive stream bank erosion, litter, degraded stream habitat, sediment accumulation in lakes, and a lack of riparian or stream-side vegetation.

It is the goal of GCWA to develop a Watershed Management Plan for Gills Creek and its associated tributaries that will:

- Enhance existing monitoring plans for 303(d) impaired waters in the entire HUC-10 watershed;
- Reduce pollutant loads for nitrogen, phosphorus, and bacteria;
- Document stakeholder input regarding pollution hotspots in the watershed;
- Identify and prioritize potential future projects; and
- Organize an implementation plan.

This plan encompasses three HUC-12 watersheds contained within the HUC-10 Gills Creek Watershed (0305011002): Jackson Creek – Gills Creek (030501100201; 12,337 acres); Lower Gills Creek-Congaree (030501100203; 21,233 acres); and Upper Gills Creek-Congaree River (030501100202; 14,130 acres). The total population for the Gills Creek Watershed is 110,860. Currently, the major land cover (*Section 2.7*) types in the watershed are open space (17%), evergreen forest (19%), and development (39%). Of the developed land uses, 23% of the watershed is low intensity, 17% is open space developed areas (where the predominant vegetation is lawn grasses, such as large-lot single family homes or golf courses), 11% is medium intensity, and 4% is high intensity. The amount of impervious surfaces in Gills Creek is estimated to be between 10 and 20 square miles (6,486 to 13,092 acres) in total.

Future zoning changes were evaluated using the Richland County Future Land Use (FLU) map, which is based on the currently-adopted Richland County Comprehensive Plan. Because some FLU categories have a range of potential land uses, the most intense development scenario was assumed for each area. The conservative estimates for future land use indicate that almost half of the Gills Creek Watershed has the potential to be in commercial (33%) and high density residential (16%) land use.

The Watershed Treatment Model (WTM) was used to estimate pollutant loads (*Section 4.5*) as they relate to the current and future land use conditions in the watershed. The WTM is a simple, spreadsheet-based tool produced by the Center for Watershed Protection – a nonprofit organization whose technical experts are national leaders on stormwater management and watershed planning. WTM evaluates loads from a wide range of pollutant sources and incorporates a full suite of treatment options (Caraco, 2013). Under existing conditions, the WTM estimates that 38,434 acre-feet/yr of stormwater runoff is generated in the watershed, which in turn produces loads of 292,285 lb/yr of total nitrogen (TN); 41,234 lb/yr of total phosphorus (TP); 15,798,907 lb/yr of total suspended sediments (TSS); and 11,832,571 billion CFUs/yr of fecal coliform (FC).

WTM analysis indicates the primary source of total nitrogen (TN) in the watershed is urban land (70%), and includes sources such as road and parking lot runoff, fertilizers, and pet waste. Forest accounts for 13% of the TN load, as a result of vegetative debris. Total phosphorus (TP) in the watershed is also most directly linked to urban sources, which contribute 65% of the load. Sediment, measured in the form of total suspended solids (TSS), can be attributed to channel erosion and urban land, which account for 49% and 37% of the load, respectively. Finally, urban lands (74%) and sanitary sewer overflows (SSOs, 22%) produce the most fecal coliform (FC) in the watershed. On-site disposal systems (OSDS) or septic systems, are estimated to contribute the least amount of bacteria (0.04%) to the watershed: 18,873 billion CFUs a year. Likely sources of bacteria in urban areas include pet waste and runoff from impervious surfaces. Future loads, mostly due to anticipated development, have the potential to create an increase of runoff (70%) and pollutant loads in the Gills Creek Watershed: 49% for TN, 34% for TP; 18% for TSS; and 52% for FC.

The Gills Creek Watershed Association's Technical Committee and consultants from McCormick Taylor utilized feedback from a stakeholder webmap survey along with professional judgment to identify over 140 sites in the watershed for several varieties of water quality projects. From that initial list, McCormick Taylor evaluated and ranked 256 individual stormwater management strategies for applicability and implementation in the Gills Creek Watershed. The results are presented in *Chapter 5* and generally fall into four categories:

1. *Restoration projects* include stormwater retrofit projects (low impact development, underground detention, wet ponds, and constructed wetlands) and stream and shoreline restoration projects.
2. *Conservation properties* are areas identified for potential conservation easements or purchase for conservation.
3. *Municipal programs* include street cleaning and catch basin cleanouts.
4. *Community-wide programs* include education and outreach activities such as litter pick-ups or rain-barrel workshops.

The benefits from implementing all recommended practices (e.g. education, street sweeping), 239 recommended BMPs, and 33 stream/shoreline restoration projects in the Gills Creek Watershed include reductions in all four categories of pollutant loads in the WTM model: 28% for TN, 36% for TP, 33 for TSS, and 19% for bacteria.

1.0 Introduction

This Watershed Management Plan for the Gills Creek Watershed is developed to address key issues impacting natural resources and water quality in the watershed (Figure 1-1). The watershed faces many of the problems typically associated with increased urbanization and the associated stormwater impacts, including stream and shoreline erosion, water quality degradation, and loss of natural resources. Stormwater runoff also washes pollutants from both urban and rural landscapes into our streams and rivers. If these pollutants – which can include sediment, nitrogen, phosphorus, oils, bacteria, and metals, among others – are delivered to the stream system in high enough concentrations, the results can be harmful to fish, amphibians, and aquatic insects, as well as to humans who rely on the Gills Creek Watershed as a source of recreation. This plan encompasses three HUC-12 watersheds contained within the HUC-10 Gills Creek Watershed (0305011002) as shown in Figure 1-2.

- 030501100201 Jackson Creek – Gills Creek (JC-GC; 12,337 acres)
- 030501100203 Lower Gills Creek-Congaree (LGC; 21,233 acres)
- 030501100202 Upper Gills Creek-Congaree River (UGC; 14,130 acres)

Ability for kayaking in swamp

House flooding

Sedimentation in Lake Katherine

Water quality testing

Figure 1-1: Snapshots of watershed concerns

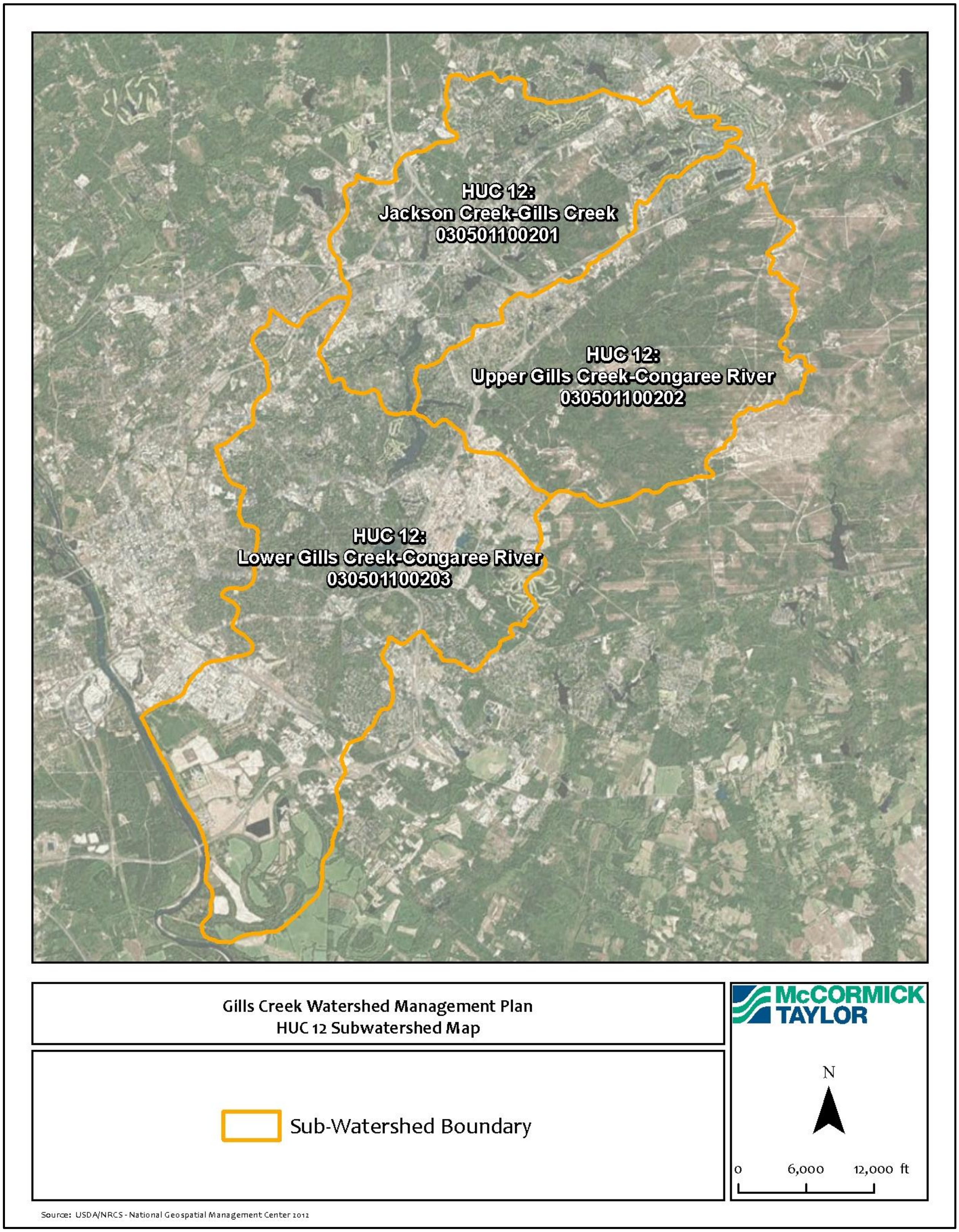


Figure 1-2: The HUC-12 Subwatersheds of Gills Creek

Several stations within the Gills Creek Watershed are currently listed on the SC Department of Health and Environmental Control's (SCDHEC) draft 2018 303(d) list for water quality impairments, and two Total Maximum Daily Loads (TMDL) have been established for Dissolved Oxygen (DO) and Fecal Coliform (FC). Other issues documented in the watershed include periodic flooding, excessive stream bank erosion, litter, degraded stream habitat, sediment accumulation in lakes, and a lack of riparian or stream-side vegetation.

1.1 Document Overview

This Watershed Management Plan describes existing conditions in the Gills Creek Watershed, identifies important areas for restoration and preservation, and defines management strategies and an implementation program to meet goals set by the Gills Creek Watershed Association (GCWA). This document builds upon a previous watershed plan (2009) and integrates the U.S. Environmental Protection Agency's (EPA) 9-Elements.

Each section of this document is designed to provide a clear picture of the steps taken to continue the mission of the GCWA to restore the Gills Creek Watershed, and advocate for the protection and preservation of the Creek's resources, beauty, and environmental sustainability.

1.2 Goals and Objectives

It is the goal of GCWA to develop a Watershed Management Plan for Gills Creek and its associated tributaries that will:

- Enhance existing monitoring plans for 303(d) impaired waters in the entire HUC-10 watershed;
- Reduce pollutant loads for nitrogen, phosphorus, total suspended solids, and bacteria;
- Document stakeholder input regarding pollution hotspots in the watershed;
- Identify and prioritize potential future projects; and
- Organize an implementation plan.

As outlined in Figure 1-3, the **Watershed Management Plan** builds on the results of comprehensive watershed assessments and sets forth management strategies and restoration project recommendations to address the identified issues. The plan includes planning-level cost estimates and a prioritized list of recommendations with a description of their benefits related to water quality and overall stream health. Following completion of the plan, the focus will shift to **Implementation** of the recommended strategies and restoration projects.

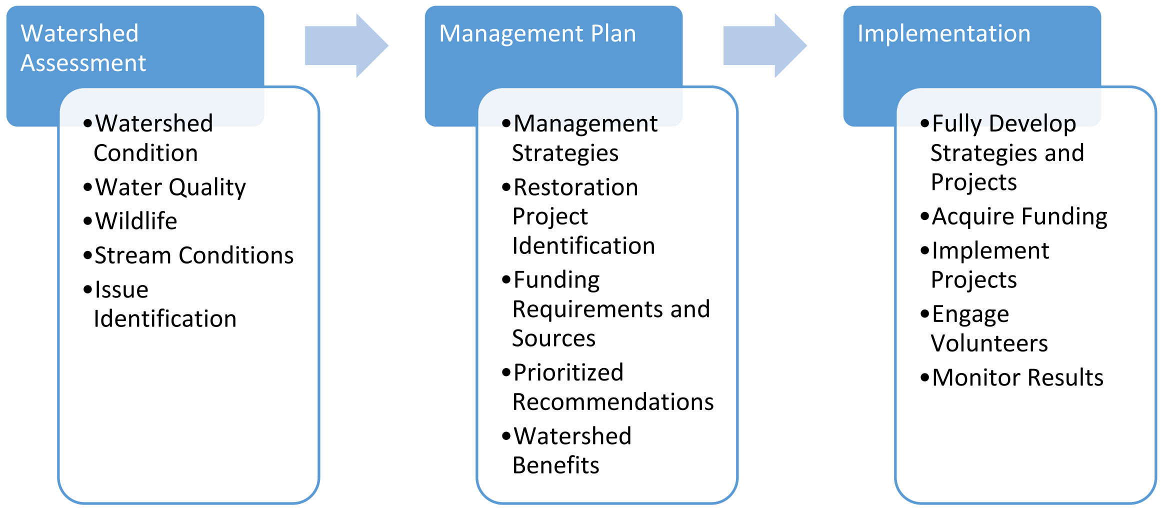


Figure 1-3: Watershed Planning and Restoration Process

1.3 Reader's Guide to the Plan

The following is intended to provide a brief description of the plan components and identify the linkage between the various assessments and plan sections.

1.3.1 Plan Components

Section 1. Introduction – Introduces the Watershed Management Plan, Goals and Objectives, and the overall planning context.

Section 2. Watershed Description – Provides a detailed description of the watershed landscape, land use, living resources, and political boundaries. This section is largely based on research from existing data and reports.

Section 3. In-Stream Water Quality and Flow Monitoring – Provides a summary of currently available monitoring data in the watershed and a description of current water quality impairments.

Section 4. Pollutant Source Assessment – Describes the potential causes of water quality degradation in the watershed. This section also introduces the calculation of the pollutant loading based on existing land cover/land use conditions, and assists in identifying the sources of various pollutants.

Section 5. Implementation Plan – Includes descriptions of the recommended management strategies and restoration projects, estimates of the water quality benefits that would be realized from plan implementation, and a schedule of future activities. This section includes cost estimates for strategy implementation, identifies potential funding sources, and describes schedules and monitoring programs to document plan implementation and changes in the watershed condition over time.

1.3.2 EPA Watershed Plan Elements

The U.S. Environmental Protection Agency has established a series of nine essential watershed elements (A – I criteria) that must be addressed in the watershed plan for subsequent projects to be eligible for restoration and preservation funds under section 319 of the federal Clean Water Act. The plan was designed to satisfy these requirements. The elements are listed here with the plan sections that address each.

A. Identification of pollutant causes and sources to achieve load reductions addressed in watershed management plan:
   - Chapter 2 Watershed Description
   - Chapter 4 Pollutant Source Assessment
   - Section 4.5 Pollutant Loads
B. Estimate of load reductions anticipated to be achieved through specified management measures:
   - Section 4.5 Pollutant Loads
   - Section 5.2.1 Pollutant Load Reductions
C. Description of nonpoint source management measures necessary to achieve load reductions:
   - Section 5.1 Management Strategies
D. Estimate of technical and financial assistance, cost, and authorities necessary to implement the watershed management plan:
   - Section 5.3.1 Priorities and Estimated Costs
   - Section 5.3.2 Potential Funding Sources
   - Section 5.3.3 Financing Mechanisms and Timelines
E. Information or education component to enhance public understanding of watershed management:
   - Section 5.4 Community Engagement
F. Schedule for implementing the nonpoint source management measures specified in plan:
   - Section 5.3 Implementation Schedule
G. Interim, measurable milestones to determine implementation of nonpoint source management measures:
   - Section 5.3 Implementation Schedule
H. Criteria to determine if load reductions are being achieved:
   - Section 5.6 Measures of Success
I. Monitoring component to evaluate effectiveness of implementation efforts:
   - Section 5.6 Measures of Success

2.0 Watershed Description

2.1 Climate

Climate influences soil formation and erosion processes, stream flow patterns, vegetation coverage, and a significant part of the geomorphology of a watershed. Precipitation not only provides water to streams and vegetation, but the intensity, frequency, and amount of rainfall can greatly influence watershed characteristics. Columbia, SC, where Gills Creek Watershed is located, is in the southeastern climatic region of the U.S. and has a temperate climate with a mean annual temperature of 65.4°F and a mean annual rainfall of 45.69 inches (SC Climatology Office).

Table 2-1: Monthly Climate Record for Columbia, SC (1954-2020)

Month	Average Min. Temp (F)	Average Max. Temp (F)	Mean Precipitation (in)
January	37.1	59.8	4.03
February	41.7	61.4	3.80
March	44.8	67.9	4.41
April	59.1	72.1	3.19
May	68.5	79.6	3.43
June	75.2	85.2	5.01
July	78.2	88.0	5.60
August	77.8	88.3	4.78
September	69.2	83.8	3.94
October	60.0	72.6	3.16
November	50.5	65.0	2.87
December	40.0	59.9	3.48
Annual Mean	59.9	68.7	45.69

Source: South Carolina State Climate Office (Menne et al., 2012)

2.2 Watershed Delineation

The focus area of this plan encompasses 47,700 acres of land from three HUC-12 watersheds (Jackson Creek – Gills Creek; Lower Gills Creek-Congaree; and Upper Gills Creek-Congaree River) contained within the HUC-10 Gills Creek Watershed. The watershed boundary crosses six different jurisdictions,including Richland County, City of Columbia, City of Cayce, City of Forest Acres, Town of Arcadia Lakes, and Fort Jackson (shown in Figure 4-4). The Gills Creek Watershed encompasses 143 miles of streams and over 20 lakes formed by impounding sections of the creek behind dams, as shown in Figure 2-1 below.

2.3 Hydrology

2.3.1 Surface Water Resources

Gills Creek Watershed is located in Richland County and contains 143 miles of streams (based on 2018 National Hydrography dataset), beginning above Sesquicentennial State Park and eventually flowing into the Congaree River below the City of Columbia, as shown in Figure 2-1. Natural springs in the watershed were developed as local resorts in the 1800s. Currently, there are 24 regulated dams and dozens of impoundments within the watershed. The largest impoundments are Windsor Lake, Rockyford Lake, Spring Lake, Forest Lake, Lake Katherine, and Carys Lake, locally known as "Cary Lake." Today, the majority of large impoundments in the watershed are managed by home and lake owners' associations. The recreational enjoyment and aesthetic value of water resources (including wetlands, lakes, and ponds) have brought a number of residents to the area. Table 2-2 summarizes the stream, pond, and lake features contained within the Gills Creek Watershed, as listed in the National Hydrography Dataset.

Table 2-2: Hydrologic Features of Gills Creek

Waterbody	Area (acres)	Stream	Length (miles)
Alligator Lake	6.9	Bynum Creek	2.7
Bells Pond	6.6	Eightmile Branch	3.0
Boyden Arbor Pond	16.5	Gills Creek	20.3
Boyd's Pond 1	7.9	Jackson Creek	8.8
Boyd's Pond 2	29.2	Lightwood Knot Branch	2.6
Boyd's Pond 3	18.8	Little Jackson Creek	4.3
Bruner's Pond	10.5	Mack Creek	3.0
Burnside Lake	3.7	Orphanage Branch	1.1
Carys Lakes	65.9	Pen Branch	2.9
Clark Pond	4.1	Rose Creek	2.6
Drexel Lake	7.3	Rowell Creek	3.1
Entrance Lake	7.8	Wildcat Creek	3.6
Forest Lake	127.3		
Hughes Pond	27		
Lake Katherine	162.2		
Lower Legion Lake	4.7		
Old Barstow Pond	3.3		
Rockyford Lake	45.1		
Ruthledges Pond	10.3		
Semmes Lake	28.9		
Sesquicentennial Pond	27.5		
Spring Lake	36.8		
Spring Valley Lake	13.0		
Springwood Lake	31.5		
Upper Legion Lake	11.8		
Wildewood Pond 5	10.5		
Windsor Lake	59.7		

Source: U.S. Geological Survey, National Geospatial Program, 2018

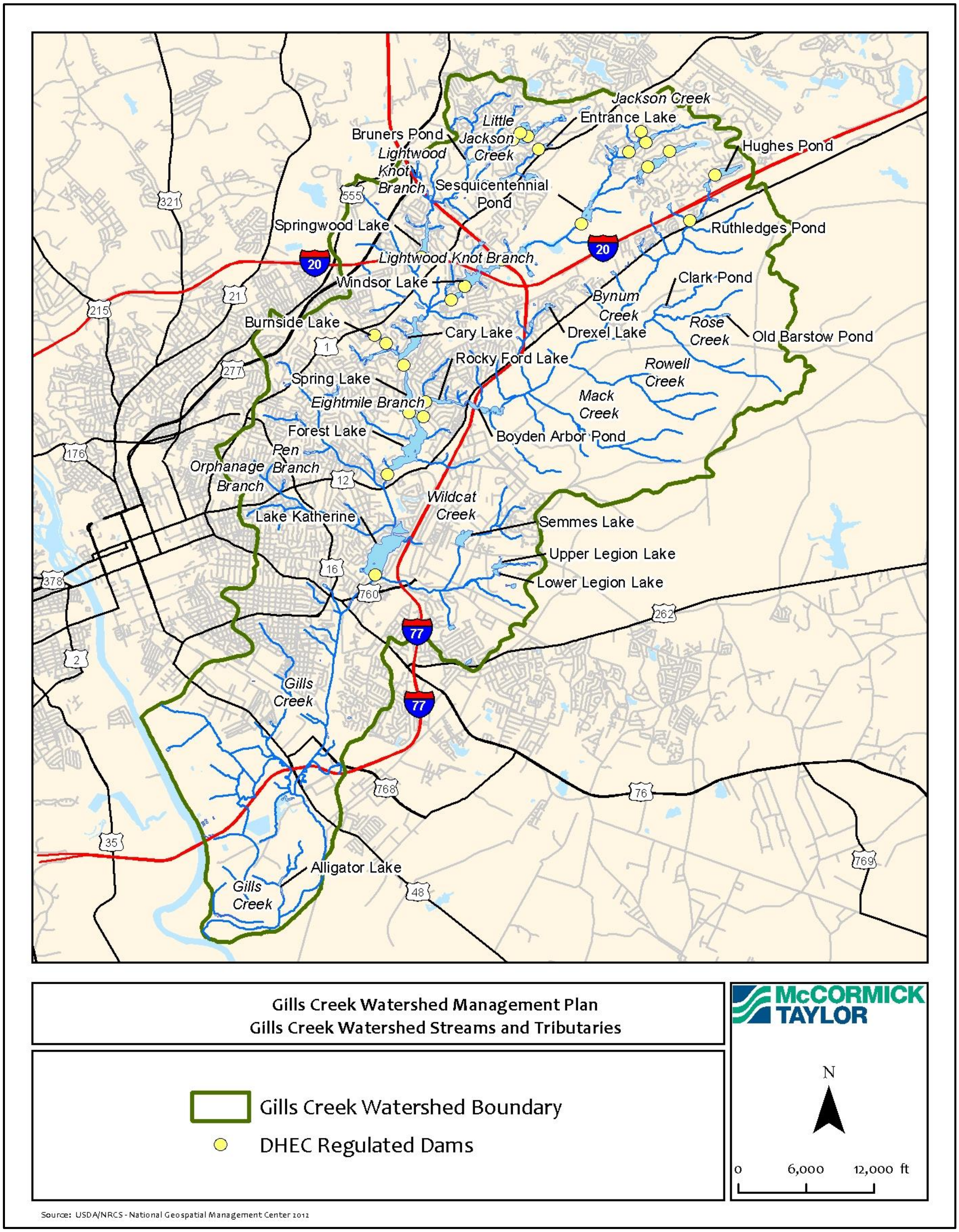


Figure 2-1: Gills Creek Watershed Streams and Tributaries

2.3.2 Groundwater Resources

The groundwater in the Gills Creek Watershed is obtained from Cretaceous-age (100 million years) sand beds of Coastal Plain formations southeast of the Fall Line. According to a 2003 report from the SC Department of Natural Resources (SCDNR), rainfall on the outcrops of these sand aquifers maintains the water table and recharges underlying aquifers as they dip beneath clay confining layers. The water in Coastal Plain aquifers is acidic, extremely low in mineral content, and has almost no hardness. Frequently, it has a similar chemical composition of rainwater (SCDNR, 2003).

The primary sources of supply for water wells in this region are the McQueen Branch (formerly called Middendorf) and Crouch Branch (formerly Black Creek, and located above the McQueen Branch). Water wells range in depth from less than 50 ft to 600 ft and have the ability to serve residential and industrial needs. Most wells in Richland County are designed to meet domestic and lawn-irrigation needs (15-20 gallons per minute), but large industrial wells in this aquifer have the potential to produce as much as 2,000 gallons per minute (SCDNR, 2003). Information available on the SC Watershed Atlas indicates that there are several Public Water Supply Wells (PWSW) and PWSW Protection Zones within the middle and upper portions of Gills Creek Watershed (Figure 2-2).

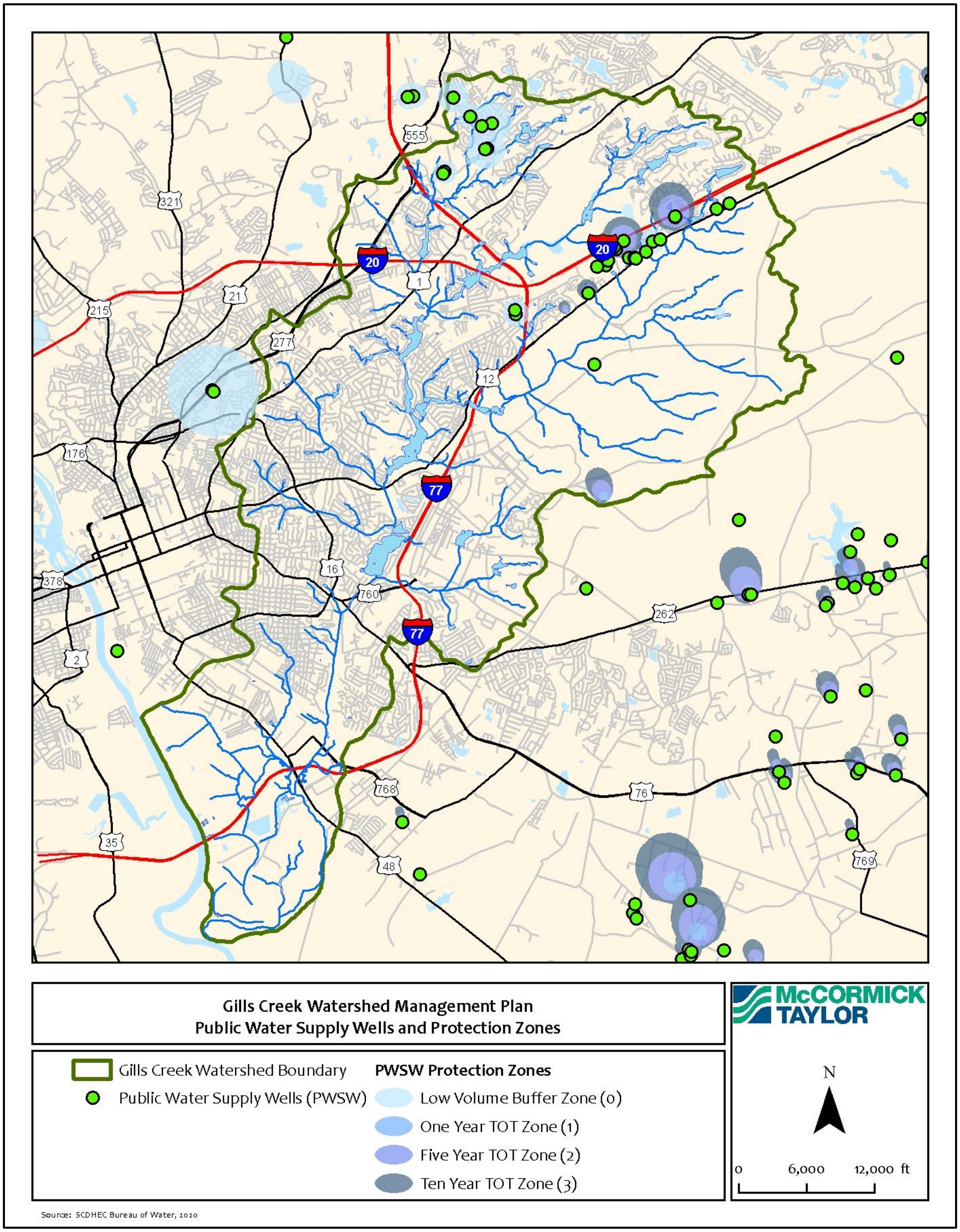


Figure 2-2: Public Water Supply Wells and Protection Zones in Gills Creek

2.3.3 Wetlands

Section 404 of the Clean Water Act (USEPA, 1972) defines wetlands as "those areas that are inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soils. Wetlands generally include swamps, marshes, bogs, and similar areas."

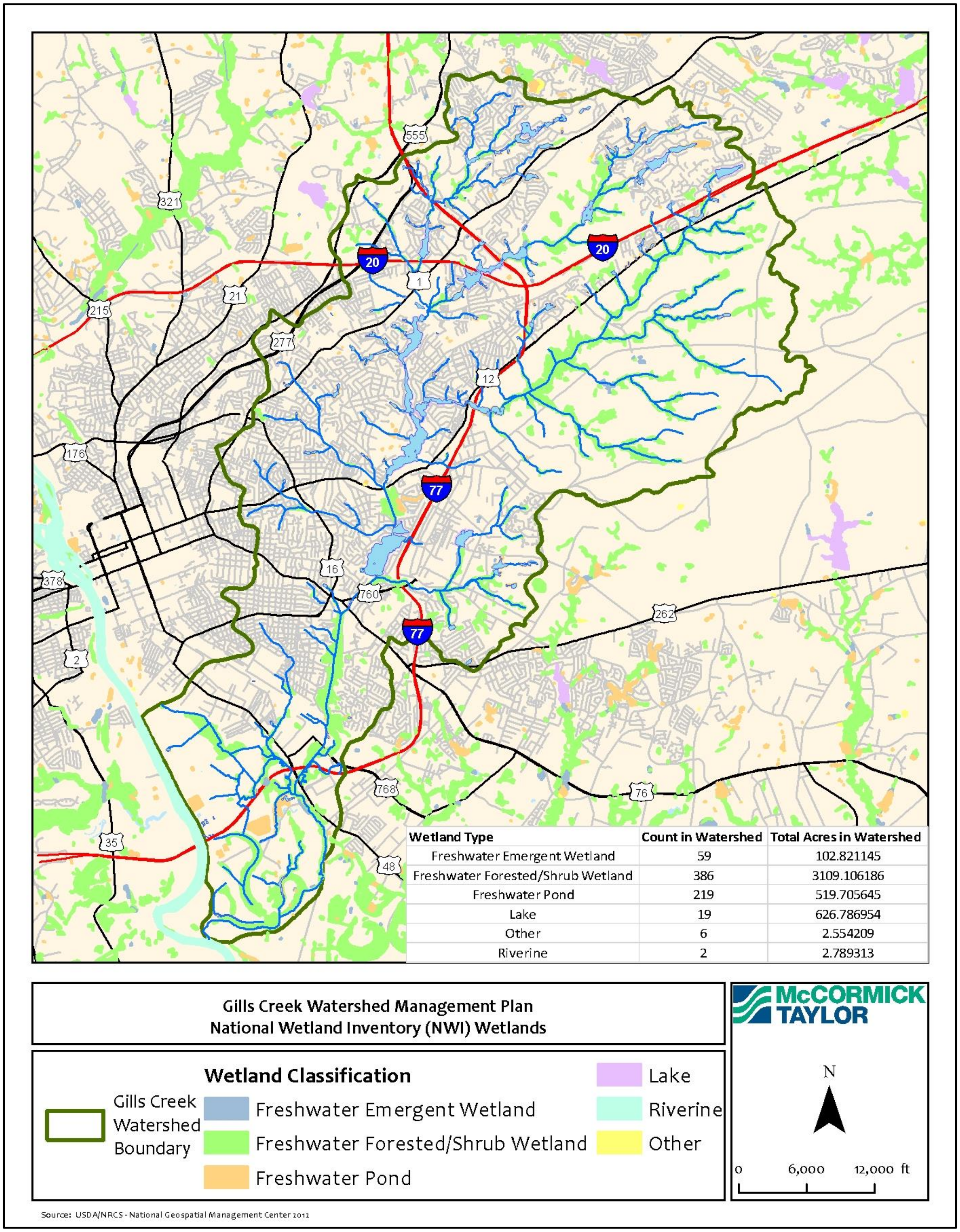
Wetlands are environmentally sensitive habitats that play an integral part in supporting the water quality and water storage of a watershed. These reservoirs help to control flooding by retaining surface runoff and releasing steady flows of water downstream. Wetlands also support biological diversity, erosion control, and sediment retention.

Based on the National Wetland Inventory, there are 4,363.8 acres of wetland habitat throughout the watershed (USFWS, 2016), the majority of which are freshwater forested/shrub wetlands (3,109.1 acres) (Table 2-3).

Table 2-3: Wetland Types and Areas

Wetland Category	Acres	Percent
Freshwater Forested/Shrub Wetland	3,109.1	71%
Lake	626.8	14%
Freshwater Pond	519.7	12%
Freshwater Emergent Wetland	102.8	2%
Riverine	2.8	0.1%
Other	2.6	0.1%
TOTAL:	4,363.8	100%

Figure 2-3, below, shows wetland types from the NWI in the Gills Creek Watershed.



Wetland Type	Count in Watershed	Total Acres in Watershed
Freshwater Emergent Wetland	59	102.821145
Freshwater Forested/Shrub Wetland	386	3109.106186
Freshwater Pond	219	519.705645
Lake	19	626.786954
Other	6	2.554209
Riverine	2	2.789313

Figure 2-3: National Wetland Inventory Map for Gills Creek

2.3.4 Floodplains

The process by which streams swell during storms and spill out onto their floodplain is natural. The FEMA 100-year floodplains shown in Figure 2-4 fit contextually with the lower elevations of the watershed, illustrated with the topographic map in Figure 2-5. Anthropocentric concerns with flooding problems often stem from land development occurring in flood-prone areas and/or structures being built in floodplains. Such flooding concerns are exacerbated when development throughout the watershed, and the associated impervious surfaces, result in increased volumes of runoff and expansion of those flood-prone areas over time. These concerns are also provoked by the gradually increasing storm frequencies and intensities we are experiencing as a result of climate change.

The hydrology of Gills Creek is influenced by the Congaree River floodplain, which intersects with the watershed. During large storm events, the lower portion of the watershed nearest the Congaree River is likely to receive some floodwaters from the river. The lower watershed in general is characterized by flat land and nearly all of the watershed drainage area south of State Highway 48 (Bluff Road) is within the 100-year floodplain. The floodplain narrows above State Highway 48, and in the central and upper portions of the watershed the widest floodplain areas coincide with the watershed's largest impoundments.

The historic floods of 2015, which exceeded a 1,000-year precipitation event, put Gills Creek and the Gills Creek Watershed Association at the center of one of the worst flooding events in Columbia's history (Figure 2-6). Flooding resulted in the failure of three dams and significant damage to others. After the flood, SCDHEC commissioned the consulting firm HDR to prepare a report on dams in the Gills Creek Watershed (HDR, 2016).

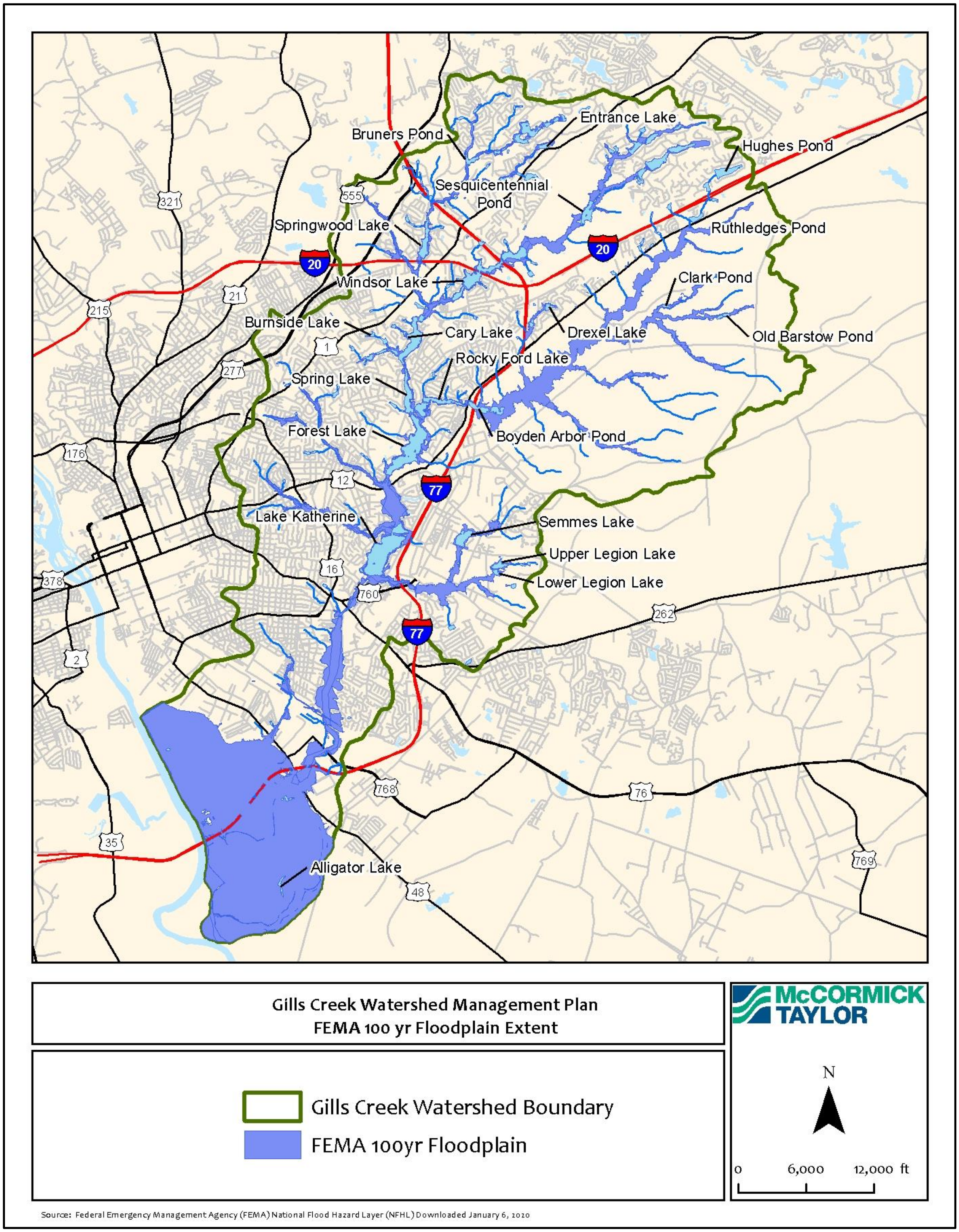


Figure 2-4: Gills Creek 100-year FEMA Floodplain

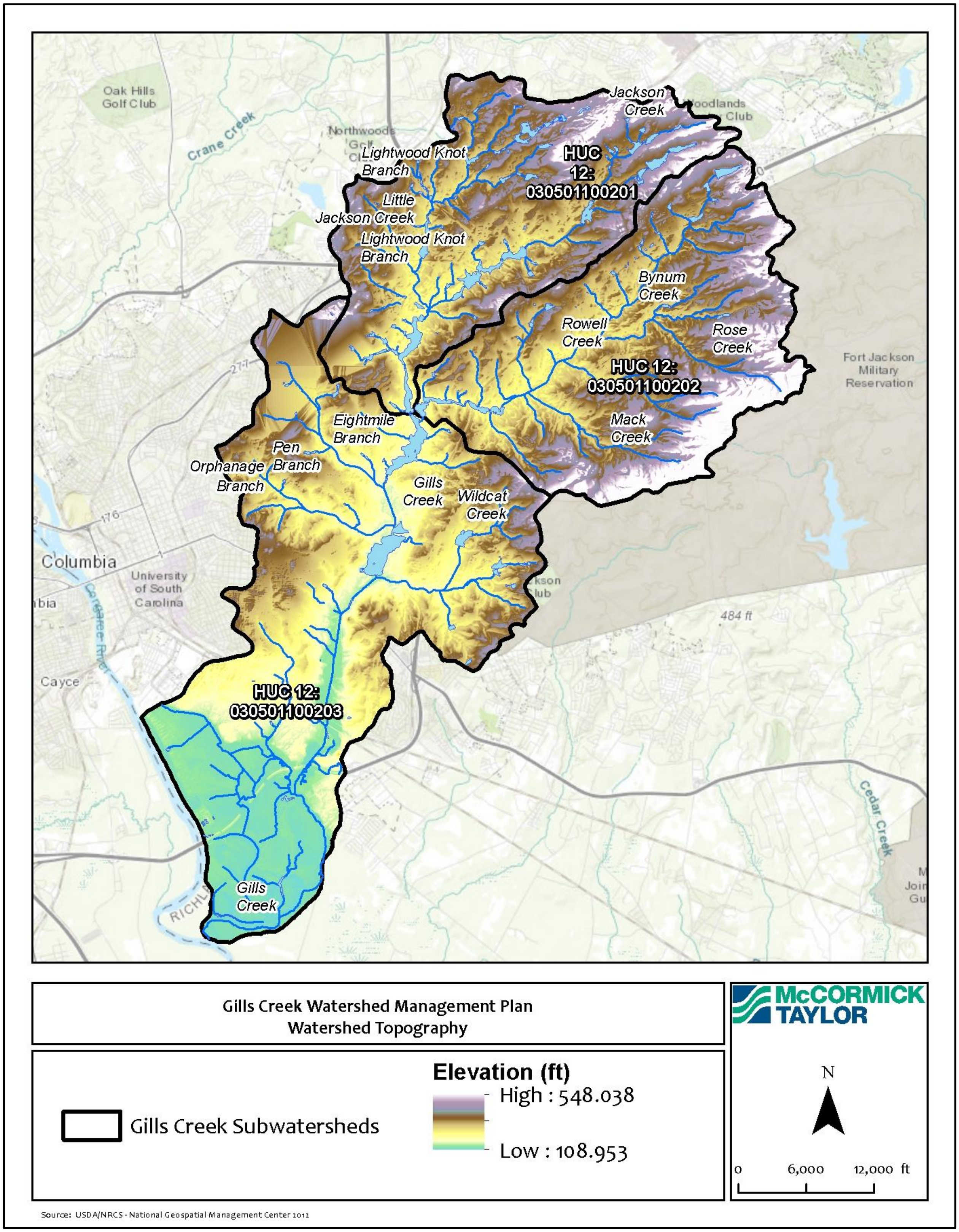


Figure 2-5: Digital Elevation Model of Gills Creek Watershed

Apartments near Midlands Tech

Devine Street flooding

Carys Lake Dam failure

Ft. Jackson Blvd.

Gills Creek sign after flood

Semmes Lake Dam failure

Figure 2-6: Flooding Problems in Gills Creek

2.4 Geology and Soils

2.4.1 Geology

The geologic formations underlying a watershed have a significant effect on the water resources. Geology is a major determinant of the type of topography and surface features in an area. The chemical composition and minerals of the parent rock or unconsolidated sediments determines in large part the soil characteristics, including erodibility and infiltration rates.

Ecoregions are areas of general similarity in the type, quality, and quantity of environmental resources. Currently, the EPA has mapped four levels of detail for the southeast region. The Gills Creek Watershed is located in the Southeastern Plains ecoregion (Level 3), specifically the Sand Hills (Level 4). This region is composed primarily of Cretaceous-age marine sands and clays, capped in places with Tertiary sands, deposited over the crystalline and metamorphic rocks of the Piedmont. Many of the droughty, low-nutrient soils formed in thick beds of sand, although some soils contain more loamy and clayey horizons. Some upland areas are underlain by plinthite (a highly weathered mix of quartz with iron and aluminum oxides that form red mottles; this forms a hardpan layer), and sideslopes tend to have fragipans (an extremely compact, dense layer that prevents the downward movement of roots and water) that perch water and cause lateral flow and seepage (Brady and Weil, 2002). Stream flow is consistent; streams seldom flood or dry up because of the large infiltration capacity of the sandy soil and the great groundwater storage capability of the sand aquifer (Griffith et al., 2002).

2.4.2 Soils

The most common soil series in the watershed are Pelion loamy sands (37%) and Lakeland sands (16%). Lakeland soils are the predominant soil type in the northeastern portion of the watershed and are very well drained due to high sand content. Figure 2-7 illustrates the Hydrologic Soil Group (HSG) classifications in the watershed, as assigned by the United States Department of Agriculture Natural Resources Conservation Service (USDA-NRCS). The HSG describes a group of soils having similar runoff potential under similar storm and cover conditions:

- Group A are soils having a high infiltration rate (or low runoff potential) when thoroughly wet. These consist mainly of deep, well-drained sands or gravelly sands. These soils have a high rate of water transmission.
- Group B are soils having a moderate infiltration rate when thoroughly wet.
- Group C are soils having a slow infiltration rate when thoroughly wet. These soils typically have a layer that impedes the downward movement of water.
- Group D are soils that have a very slow infiltration rate (or high runoff potential) when thoroughly wet. Generally, these are soils that have a clay layer at or near the surface; soils that have a high water table; and/or soils that are shallow over nearly impervious material.

There are also three dual HSG classifications (A/D, B/D, and C/D). These soils are given two classifications to make a distinction between a drained and undrained condition. For the purposes of this watershed study, in order to make a conservative estimate of runoff potential, all three dual HSG groups were assumed to be undrained (HSG D). As shown in Figure 2-7, the soils are predominantly poorly drained with more than half (58%) of the soils in the watershed being classified as hydrologic group D. These soils have relatively high runoff potential, meaning that water transmission, or infiltration, is somewhat restricted. Hydrologic soil group A also accounts for a large portion of the soils in the watershed (23%), and are generally located in the headwater (upstream) sections. Soils in group A have low runoff potential with unimpeded water transmission through the soil.

2.4.3 Soil Erodibility

Modification of the hydrologic regime due to land disturbance in a watershed can result in elevated volumes of stormwater runoff flowing into creeks, streams, and waterbodies. These increased volumes and the quick delivery of these runoff events can lead to scour of stream channels, incision, and streambank erosion. Hydrologic scour of the streambed can also limit key microhabitats (e.g. leaf packs, sticks, and coarse substrate) for aquatic species. While it is difficult to delineate the different sources of sediment that are being delivered to streams (e.g. streambank erosion as opposed to upland sources such as construction sites), instream sedimentation and subsequent lack of microhabitat are a result of sediment input to streams from streambank erosion. Channel widening through streambank erosion can also exacerbate low flow conditions because channels become overly wide and shallow.

The influence of streambank erosion was quantified throughout the Gills Creek Watershed using a geospatial assessment that involved an analysis of the Universal Soil Loss Equation (USLE) K-factor values within 10 feet of all existing natural stream channels. This data was obtained from the USDA NRCS web soil survey. While the USLE K-factor—having units of tons/acre—is a measure of the susceptibility of a soil to particle detachment and transport by rainfall. The K-factor was calculated from direct soil loss measurements for a series of benchmark soils from study plots located across the United States. It is calculated assuming the highest potential for erosion: soil is in cultivated (plowed or disturbed), continuous fallow (bare soil, no vegetation or protective cover) conditions (Schwabb et al., 1993). It is the best available measure of a specific soil's susceptibility to streambank erosion for the Gills Creek Watershed. Moreover, the K-factor values most likely underestimate the risks of streambank erosion because the erosive power of stream flows on (most likely) saturated streambank soils is presumed to be greater than that of rainfall. The sub-surface K-factor was used so that bank and channel erodibility was most closely reflected by the data. The degree of soil erodibility is classified as shown in Table 2-4.

Table 2-4: Soil Erodibility

K-factor	Length (ft)	Percent
Low Erodibility <0.24	231,845	37%
Medium Erodibility 0.24-0.32	348,115	55%
High Erodibility >0.32	47,636	8%

The average sub-surface K-factor related to streambank erosion for the entire Gills Creek Watershed ranges from 0.02 to 0.37 tons/acre, and the area weighted average is 0.27 tons/acre. Because the soils are most likely recently deposited alluvial sediments, it is not surprising that areas with relatively high K-factor values are in the floodplain of the Congaree River that are within and surround the City of Cayce. However, there are numerous stretches of streams—of first order, and greater than first order—throughout the entire watershed that have a K-factor value greater than the watershed's weighted average of 0.27 tons/acre (Figure 2-8). The more erosive areas appear to be concentrated in the entire eastern side (Ft. Jackson) as well as the upper (above I-20) and lower (between Hwy 48 and the Congaree River) portions of the watershed. The data indicate that the western, middle portion of the watershed (upstream of Lake Katherine, Forest Lake, and Spring Lake) may have the lowest risk for streambank and channel erosion.

To supplement the geospatial analysis, stakeholders identified hotspots during public meetings and in an online data collection tool, including areas where streambank erosion processes may be active (Figure 4-2). These hotspots should not be considered an exhaustive inventory of instream erosion concerns for the entire Gills Creek Watershed but may serve as a sampling of some of the potential areas of streambank erosion found throughout the watershed.

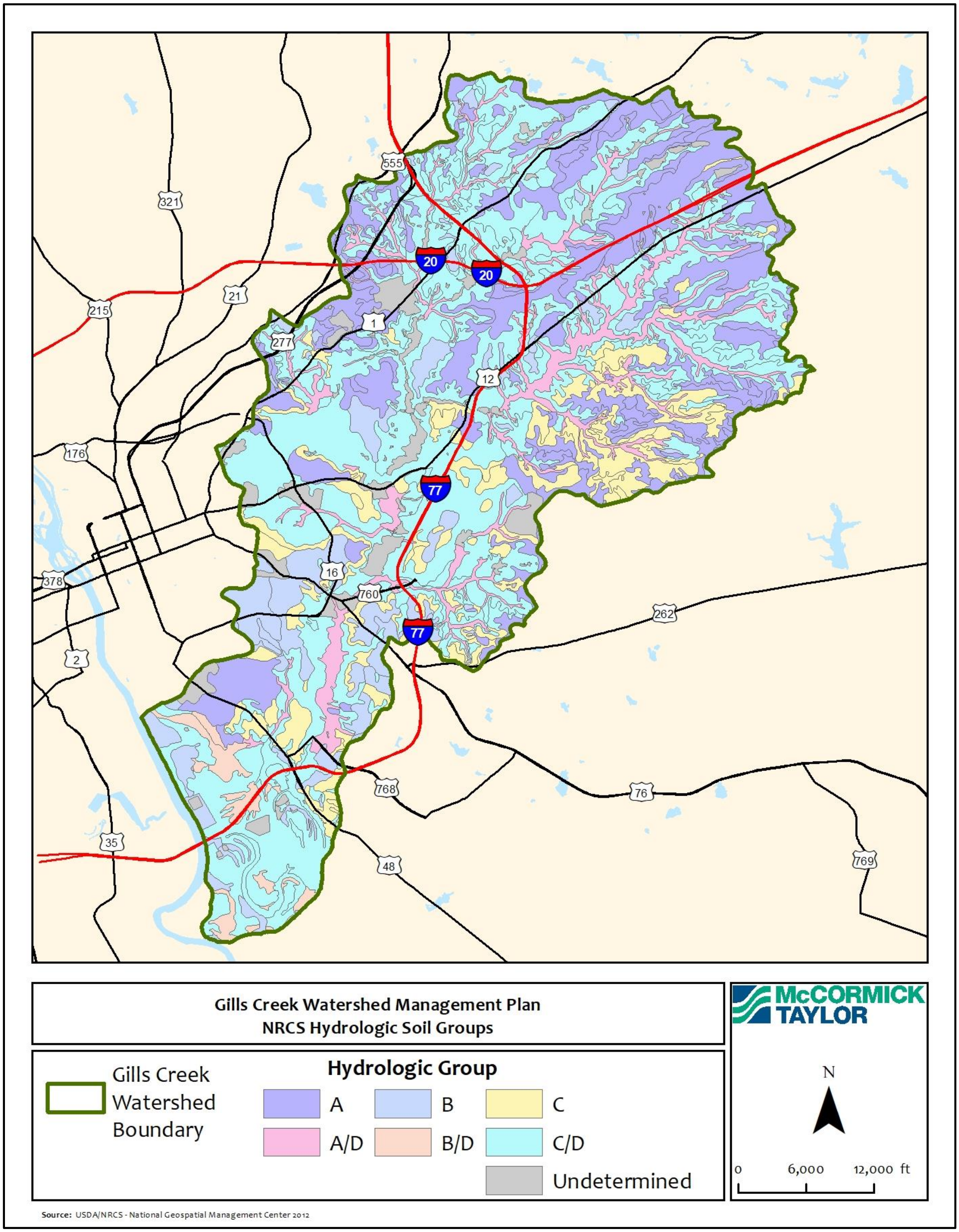


Figure 2-7: Gills Creek Hydrologic Soil Groups

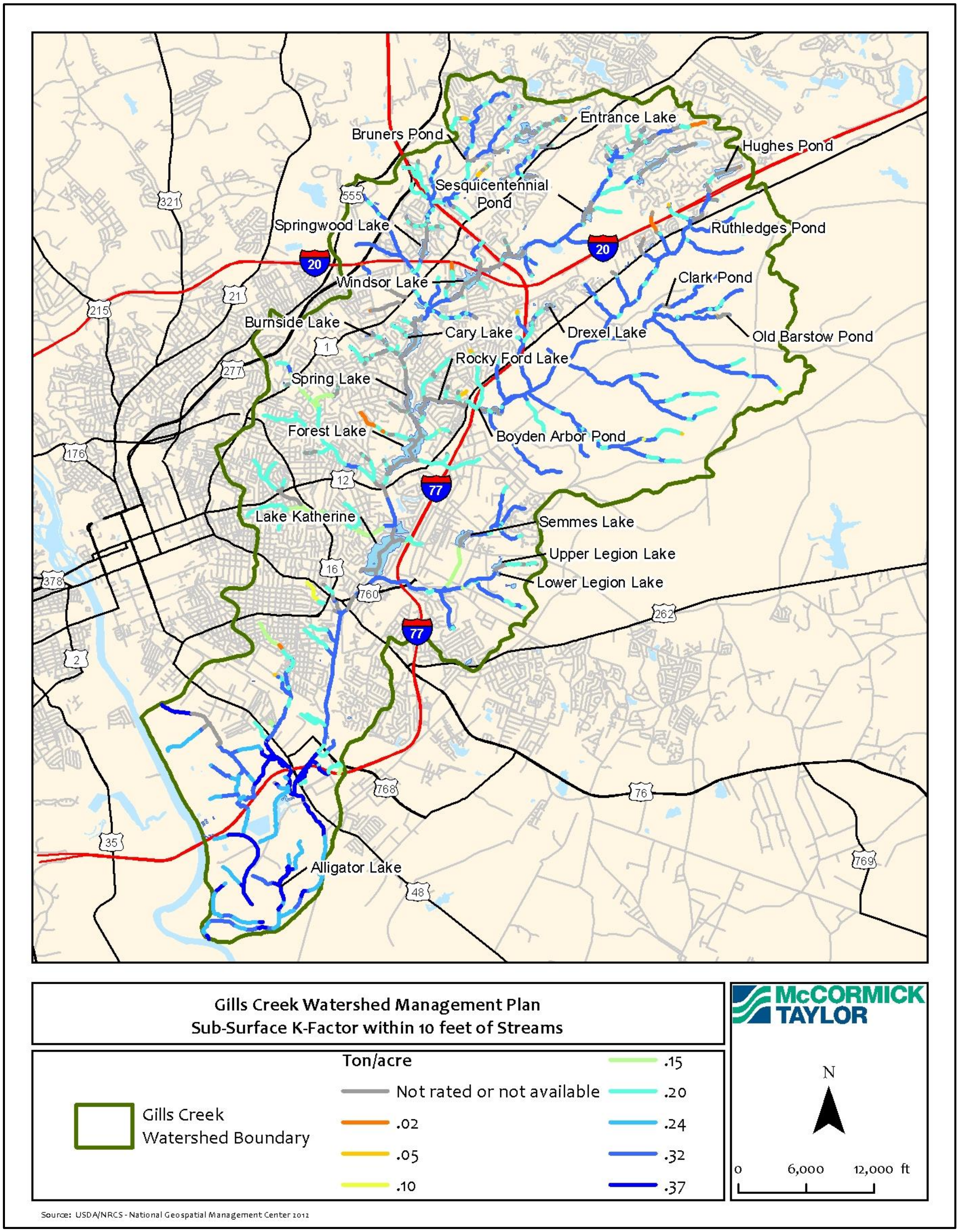


Figure 2-8: Sub-surface K-Factor within 10 feet of Streams

2.5 Endangered or Protected Species

Tables 2-5 and 2-6 summarize the rare, threatened, and endangered species of the Gills Creek Watershed. There are 95 species that are either listed or under consideration for listing in the state by the US Fish and Wildlife Service (USFWS); currently, 57 species of plants and animals have formal listing. About 1,000 species are tracked by the Natural Heritage Program (SCNHP) in South Carolina and are considered rare for a variety of reasons: there is a lack of data, the species are regionally or locally endemic or rare, or they are beginning to show a downward trend in population. Each species is given a global rank by Natureserve (G-rank) which indicates its relative state of imperilment across its range. The state program assigns S-ranks, which indicates imperiledness within the state of South Carolina. The rankings for both G and S are as follows:

1. Critically imperiled: typically having 5 or fewer occurrences or 1,000 or fewer individuals
2. Imperiled: typically having 6 to 20 occurrences, or 1,001 to 3,000 individuals
3. Vulnerable/rare: typically having 21 to 100 occurrences, or 3,001 to 10,000 individuals
4. Apparently secure: uncommon but not rare, but with some cause for long-term concern; typically having 101 or more occurrences, or 10,001 or more individuals
5. Secure: common, widespread, abundant, and lacking major threats or long-term concerns

Finally, a number of species also have priority status from the State Wildlife Action Plan (SWAP). This indicates relative priority within the state as a way to direct funding for research or conservation projects.

Although there are 39 records in total, some are considered extirpated or historic; these species may still persist where habitat is suitable within the watershed. The exact locations of these species are not labeled in Figure 2-9 due to the sensitive nature of this information.

Table 2-5: Rare, Threatened, or Endangered Animal Species

Scientific Name	Common Name	G Rank	S Rank	SWAP
Alosa aestivalis	Blueback Herring	G3G4	S5	Highest
Ameiurus brunneus	Snail Bullhead	G4	S3S4	Moderate
Ameiurus catus	White Catfish	G5	SU	Moderate
Ameiurus platycephalus	Flat Bullhead	G4	S4	Moderate
Carpiodes cyprinus	Quillback	G5	S4	High
Carpiodes velifer	Highfin Carpsucker	G4G5	S3S4	Highest
Clinostomus funduloides	Rosyside Dace	G5	S4	Moderate
Cyprinella chloristia	Greenfin Shiner	G4	S4	Moderate
Etheostoma serrifer	Sawcheek Darter	G5	S4	Moderate
Etheostoma thalassinum	Seagreen Darter	G4	S3S4	High
Fundulus diaphanus	Banded Killifish	G5	S1	Moderate
Morone saxatilis	Striped Bass	G5	S4S5	Moderate
Moxostoma collapsum	Notchlip Redhorse	G5	S4	Moderate
*Picoides borealis**	Red-cockaded Woodpecker	G3	S2	Highest
Procambarus chacei	Cedar Creek Crayfish	G4	S4	Moderate
Rhinichthys obtusus	Western Blacknose Dace	G5	S2	Moderate
Sylvilagus aquaticus	Swamp Rabbit	G5	S2?	High
**Federally & State endangered* *? denotes an inexact rank (perhaps due to lack of data)*				

Table 2-6: Rare, Threatened, or Endangered Plant Species

Scientific Name	Common Name	G Rank	S Rank	SWAP
Aristida condensata	Big Three-awn Grass	G4?	S2	Not Applicable
Astragalus michauxii	Sandhills Milkvetch	G3	S3	High
Carex collinsii	Collins' Sedge	G4	S2	Not Applicable
Carex elliottii	Elliott's Sedge	G4?	S1	Moderate
Euonymus atropurpureus	Wahoo	G5	S1	Moderate
Hypericum adpressum	Creeping St. John's-wort	G3	S2	High
Lechea torreyi	Sandhill Pinweed	G4	SNR	Not Applicable
Lobelia sp. 1	Lobelia	G3	SNR	High
*Lysimachia asperulifolia**	Roughleaf Loosestrife	G3	S1	Highest
Menispermum canadense	Canada Moonseed	G5	S2S3	Not Applicable
Rorippa sessiliflora	Stalkless Yellowcress	G5	SNR	Not Applicable
Sarracenia rubra	Sweet Pitcherplant	G4	S3S4	Not Applicable
Trepocarpus aethusae	Aethusa-like Trepocarpus	G4G5	S1	Moderate
**Federally & State endangered* *? denotes an inexact rank (perhaps due to lack of data)*				

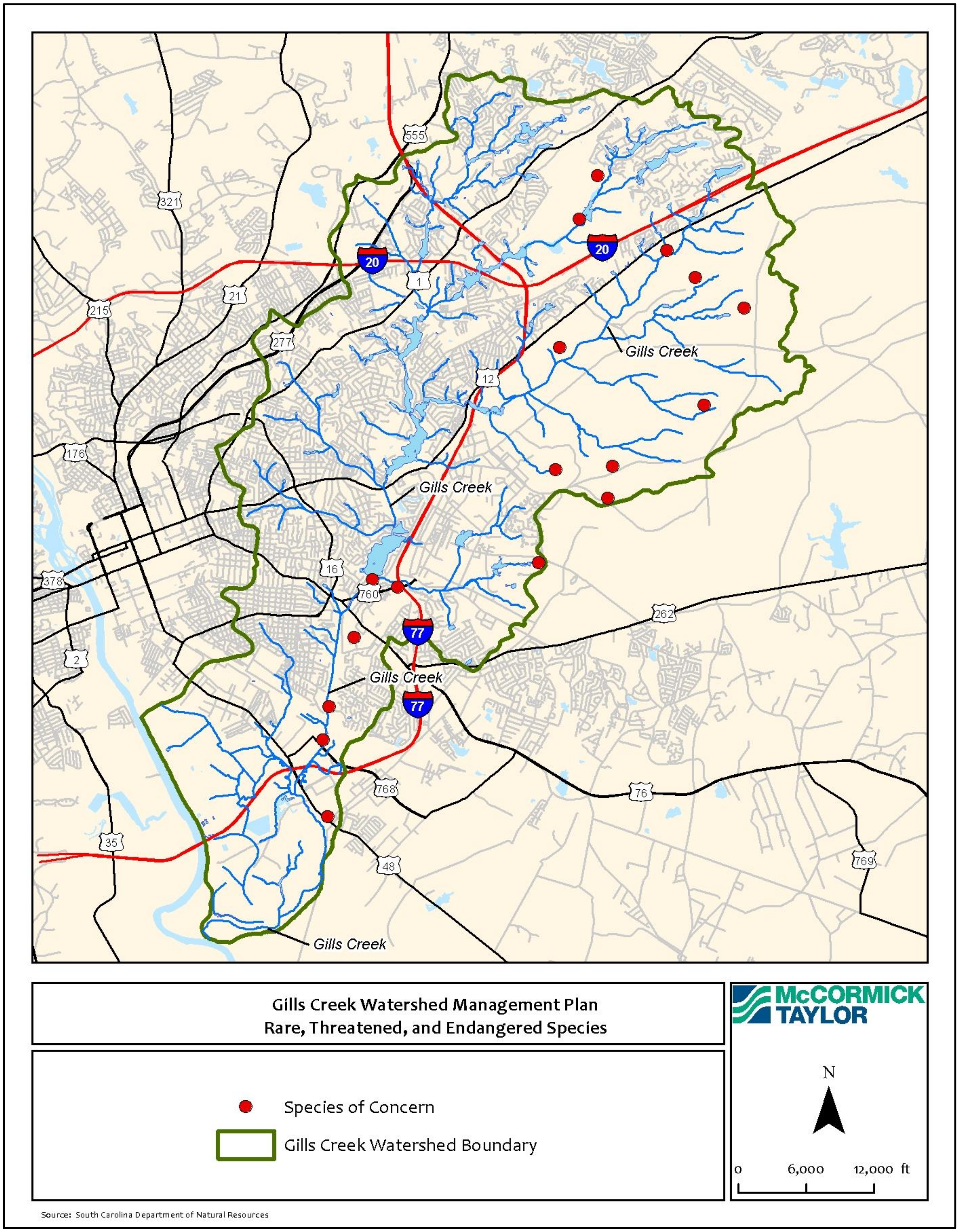


Figure 2-9: Rare, Threatened, and Endangered Species

2.6 Cultural Resources

Cultural Resources include any natural or manmade sites, events, activities, or historic structures and can have a general social significance in the community. Cultural Resources can enhance community interaction as well as provide beneficial social outlets for the community. Richland County has a multitude of historic structures including churches, public facilities, sites, and homes that have significant historic value, along with 14 historic districts. Richland County recognizes 219 historic buildings, structures, and districts as historic places, and 141 of these are on the National Register of Historic Places. Sesquicentennial State Park, located within the Gills Creek Watershed, is considered by Richland County to be a unique natural or scenic resource. Additionally, locations of significant cultural and archeological resources, including those eligible for the national register, have been found within Fort Jackson.

The Gills Creek Watershed's streams and lakes influenced initial settlement in the area by providing benefits for living such as drinking water supply, food source, transportation, and fertile flood plain soils for agricultural use. The Congaree Native Americans inhabited a large portion of the Gills Creek Watershed. In 1740, Richard and Philip Jackson had plats recorded giving Jackson and Little Jackson Creek their names, and in 1732, the first recorded plats were certified. Gills Creek most likely received its name from James Gill, a settler who lived in this area sometime before the American Revolution. Agricultural production was highly prevalent in the Gills Creek Watershed, and waters from the creek were used to power a number of mills in the area. Remnants of a cotton spinning mill in Forest Acres still stand and portray the importance of agricultural production in this region.

Local water resources were also used for recreational purposes. There are many natural springs in the Gills Creek Watershed, and, during the 1800s, resorts near the natural springs were very popular attractions. Camp Johnson, formerly known as Lightwood Knot Springs near Parklane Road, was once a very popular public area that residents frequented during the summer months to enjoy the cool air near the springs. Other recreational amenities, such as bathing and fishing, were also available to the public at Dents Pond, now known as Forest Lake, before it was developed for residential property.

2.7 Land Cover and Land Use

Land cover indicates the physical land type, such as forest or open water. Land use describes how people are managing the landscape, such as for development or conservation. Different types of land cover can be managed or used differently (NOAA, 2020).

2.7.1 Historical Land Cover

The previous (2009) Gills Creek Watershed Management Plan utilized the 2001 National Land Cover Data (NLCD) to classify 14 different categories of land use/land cover. At that time, the largest land classifications were for development (33%), evergreen forest (20%) and open space (17%). Agriculture represented a small percentage of the watershed, at about 6%.

2.7.2 Existing Land Cover and Land Use

Determination of existing land cover and land use was based on the most recent National Land Cover Dataset (NLCD), published in 2016. Land cover classifications are shown in Figure 2-10 below, and the relative changes in each land cover since the 2009 Watershed Management Plan are summarized in Table 2-7. Note that there are some differences in classification naming between the 2001 and 2016 NLCD. The 2009 Watershed Management Plan had a category for grassland that is most likely categorized as "herbaceous" in 2016 NLCD.

As in the original WMP, development (39%), open space (17%), and evergreen forest (19%) make up the largest percent of the land cover in 2016. In general, there have been increases in the amounts of land cover classified as developed (16%), mixed forest (29%), emergent wetland (30%), woody wetland (9%), and shrubland (730%). The largest decreases are in deciduous forest (78%), open water (33%), and pasture (71%). It is possible that decreases in forest are related to increases in development. Decreases in open water along with increases in emergent wetlands may be the result of land that was previously open water shifting to wetland as a result of dam failures. The large, dark green (forested) areas in the map reflect the substantial, connected forested areas in both Fort Jackson and Sesquicentennial Park. Near the outlet of Gills Creek into the Congaree River, the majority of the land is in cultivated crops (light brown). The rest of the watershed – north of the Congaree floodplain and west of Ft. Jackson – is shaded red to reflect various degrees of development as the predominant land cover. Of the developed land uses, 23% of the watershed is low intensity, 17% is open space developed areas where the predominant vegetation is lawn grasses, such as large-lot single family homes or golf courses), 11% is medium intensity, and 4% is high intensity (these categories were not included in the original WMP).

Table 2-7: Gills Creek Watershed Land Cover Change over Time

	2001		2016		Percent
NLCD Land Cover	**Area (mi^2)**	**%**	**Area (mi^2)**	**%**	**Difference**
Barren	0	0%	0.233	0%	
Cropland	3.3	4%	3.245	4%	-2%
Deciduous Forest	3	4%	0.66	1%	-78%
Development	24.7	33%	28.7	39%	**16%**
Emergent Wetland	0.2	0%	0.26	0%	**30%**
Evergreen Forest	14.6	20%	13.8	19%	-5%
Grassland	5.3	7%		0%	
Herbaceous		0%	3.82	5%	
Mixed Forest	1.3	2%	1.68	2%	**29%**
Open Space	12.3	17%	12.92	17%	5%
Open Water	1.8	2%	1.2	2%	-33%
Pasture/Hay	1.8	2%	0.53	1%	-71%
Shrubland	0.1	0%	0.83	1%	**730%**
Woody Wetland	6.1	8%	6.66	9%	**9%**
Watershed Total	74.5		74.5		

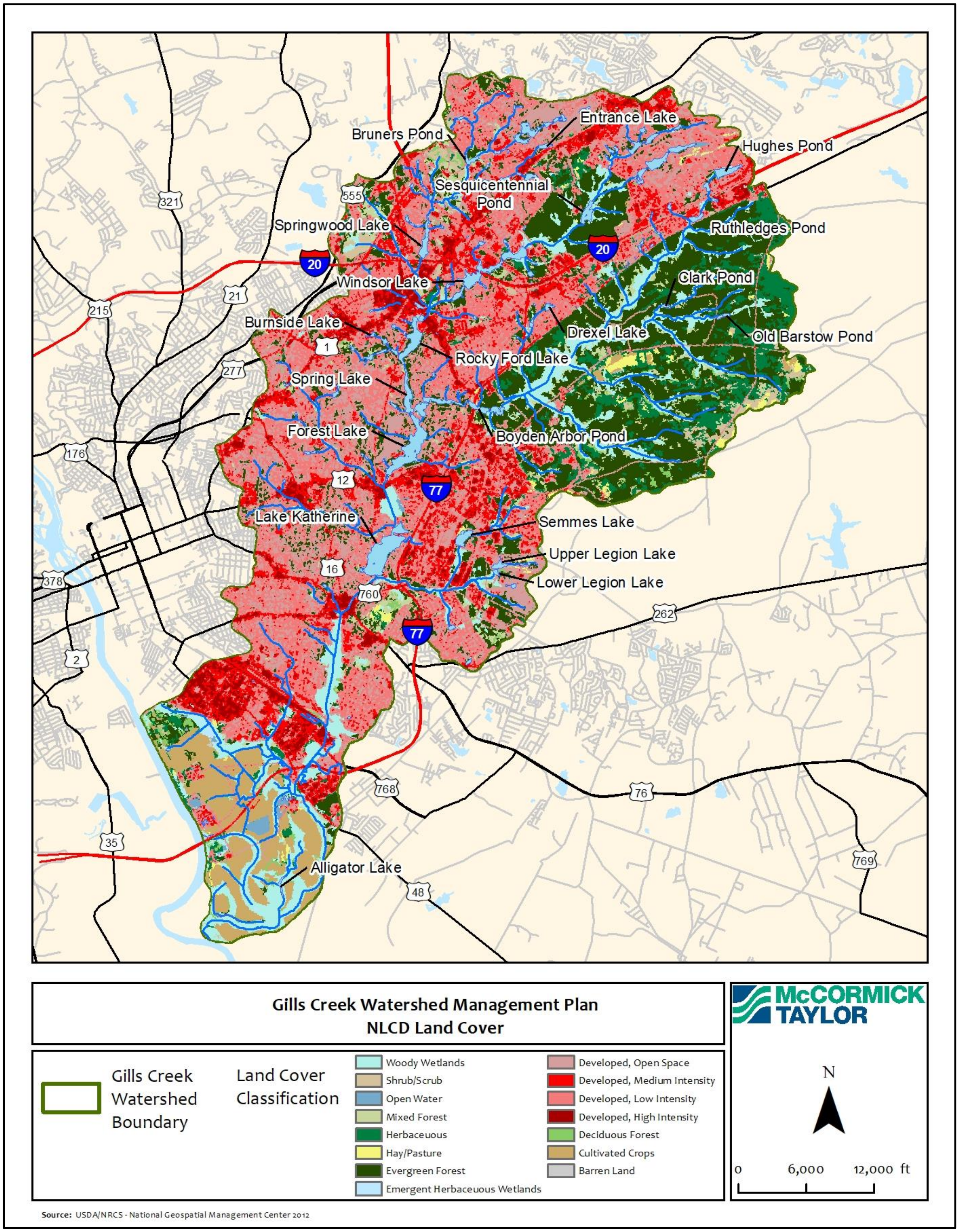


Figure 2-10: Existing Land Cover Classifications (NLCD 2016)

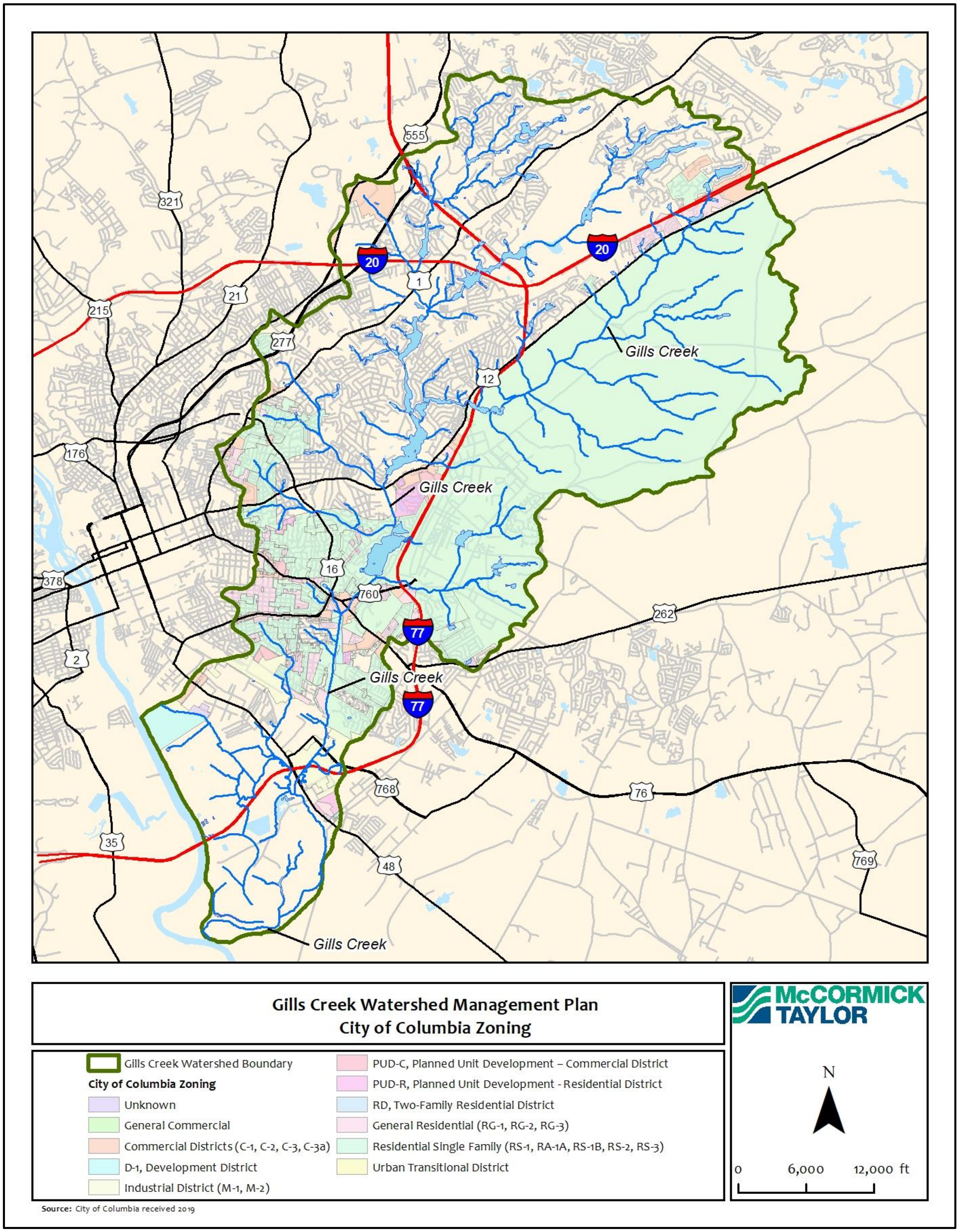


Figure 2-11: City of Columbia Zoning

Land cover classifications were combined with land use data provided by the City of Columbia (the zoning data as shown in Figure 2-11) and data from the Central Midlands Council of Governments. Land use data was organized into nine different categories that were input into the Watershed Treatment Model (WTM) and are summarized in Figure 2-12. In order to follow the WTM category schema, some NLCD land cover classifications were combined to fit a particular land use category in the Watershed Treatment Model. We solicited guidance from the Center for Watershed Protection (developers of the WTM) for how to reclassify NLCD data for input into the model (Deb Caraco, personal communication, 6 March 2020), since it is not explicitly stated in the WTM user guide. For example, wetlands and shrub areas were included in the "forest" land use, and herbaceous land covers were classified as "rural" land use in WTM. Multifamily zoning data was only available for the City of Columbia and is not a land cover category in NLCD; in order to maintain consistency across the entire Gills Creek HUC-10 watershed, we assumed that multifamily land uses would be captured with the medium or high density residential NLCD categories. In the future, when current zoning information is available for the entire HUC-10 watershed, the WTM model can be updated to specify the multifamily land use.

The largest land use categories are low density residential (16,286 acres) and forest (15,132 acres). Industrial (325 acres) and high density residential (839 acres) were the smallest land use categories.

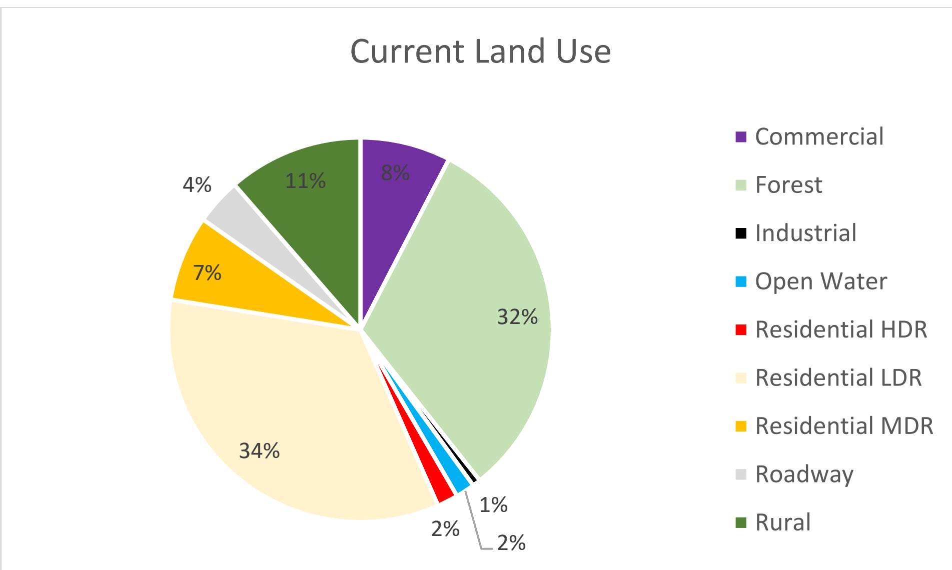


Figure 2-12: Summary of Current Land Uses

2.7.3 Imperviousness

Impervious surfaces (illustrated in Figure 2-13) are hard surfaces that do not allow water to infiltrate slowly into the ground as it would in pervious landscapes, such as a forest, meadow, or open field. Examples of impervious surfaces include roadways, parking lots, driveways, sidewalks, and rooftops. These surfaces generate higher volumes of stormwater runoff, which is typically concentrated into drainage infrastructure (such as gutters, pipes, and ditches), which in turn accelerate flow rates and direct stormwater to a receiving waterbody. This accelerated, concentrated runoff often causes stream erosion and habitat degradation. Runoff from impervious surfaces picks up and washes off pollutants (oil, metals, sediment, etc.) and is highly polluted relative to the minimal amounts of runoff generated from pervious areas. In general, undeveloped watersheds with small amounts of impervious cover are more likely to have better water quality in local streams than urbanized watersheds with greater amounts of impervious cover. Impervious cover is a primary factor when determining pollutant characteristics and loadings in stormwater runoff.

The degree of imperviousness in a watershed also affects aquatic life. There is a strong relationship between watershed impervious cover and the decline of a suite of stream indicators. As imperviousness increases the potential stream quality decreases, as referenced in research indicating that stream quality begins to decline at or around 10% imperviousness (Schueler, 1994; CWP, 2003). However, there is considerable variability in the response of stream indicators to impervious cover observed from 5 to 20% imperviousness due to historical effects, watershed management, riparian width and vegetative protection, co-occurrence of stressors, and natural biological variation. Due to this variability, one cannot conclude that streams draining low impervious cover will automatically have good habitat conditions and a high-quality aquatic life.

The Gills Creek Watershed contains impervious cover in the residential, institutional, industrial, and commercial areas. Approximately 55% of the watershed (26,381.64 acres) consists of land uses associated with impervious surfaces – 43% is residential land use, 8% is industrial/commercial land use, and 4% are roads. Even in these developed areas, impervious surfaces do not cover every square foot of land area. The amount of actual impervious surface cover is less than the total area, and not every land use category includes the same proportions of actual impervious cover. For example, as a percentage, low density residential use includes less impervious cover than commercial or institutional development. The NLCD provides estimated ranges of impervious area based on land cover. Table 2-8 estimates these ranges for the four different development land cover categories (note, land uses such as roads, industrial, or commercial are not land cover classifications. The increased intensity of these land uses is reflected implicitly in the land cover, but is not explicitly measured in this dataset). The amount of impervious surfaces in Gills Creek is estimated to be between 10 and 20 acres in total.

Table 2-8: Gills Creek Watershed Impervious Area Estimate

	Area	Impervious Area Estimate (mi^2)			Impervious Area (acres)	
2016 NLCD Land Cover	(mi^2)	Impervious %	low	high	Low	High
Development						
High Intensity	3.08	80-90%	2.46	2.77	1,577	1,774
Medium Intensity	8.49	50-79%	4.25	6.71	2,717	4,293
Low Intensity	17.13	20-49%	3.43	8.39	2,193	5,372
Open Space	12.92	<20%	0.00	2.58	0	1,654
Development Total	41.6		10.1	20.5	6,486	13,092

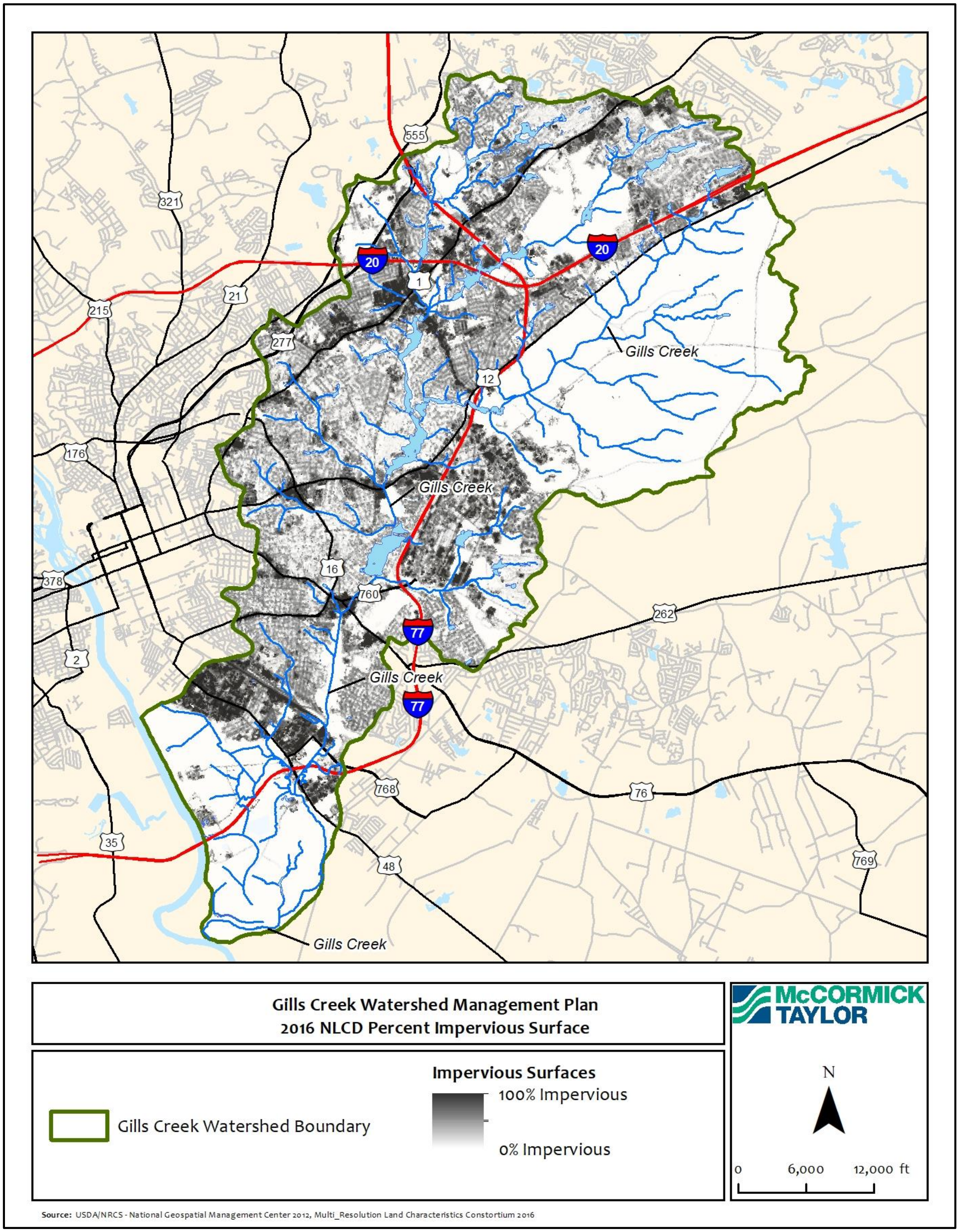


Figure 2-13: 2016 NLCD Percent Impervious Surfaces

2.7.4 Future Land Use Considerations

Future zoning changes were evaluated using the Richland County Future Land Use (FLU) map, as summarized in Table 2-9, which is based on the currently adopted Richland County Comprehensive Plan. Through discussions with the County's Comprehensive Planner, these land uses were reclassified in ArcGIS to fit the inputs for WTM. Since some FLU categories have a range of potential land uses, the most intense development scenario was assumed for each area. Because the WTM does not have a category for military, the land use in Ft. Jackson was calculated from the NLCD land cover data and land use data from the Central Midlands Council of Governments. Fort Jackson's land uses include open water, forest, rural, residential, and commercial.

Table 2-9: Future Land Use Reclassifications for WTM

FLU Map	WTM Model
Conservation	Rural
Rural Large Lot	Low Density Residential
Rural Small Lot	Low Density Residential
Neighborhood (low density)	Low Density Residential
Neighborhood (medium density)	High Density Residential
Mixed Residential (high density)	Commercial
Mixed Use Corridor	Commercial
Economic Development Center	Industrial
Military*	

**assumed land uses do not change from current condition*

The conservative estimates for future land use in Figure 2-14 show that more than half of the Gills Creek Watershed has the potential to be in commercial (15,658 acres) and forested (11,149 acres) land use. The biggest changes are the potential conversion of about 75% of the low-density and medium-density residential acreages to other uses. In the current condition, low density residential (LDR) and medium density residential (MDR) account for 19,725 acres; if they are converted to other land uses, only 4,888 acres of LDR/MDR remain. This does not mean that all this property will be converted to a different use, but rather that the potential exists in the zoning for higher-density (which may produce more impervious surfaces).

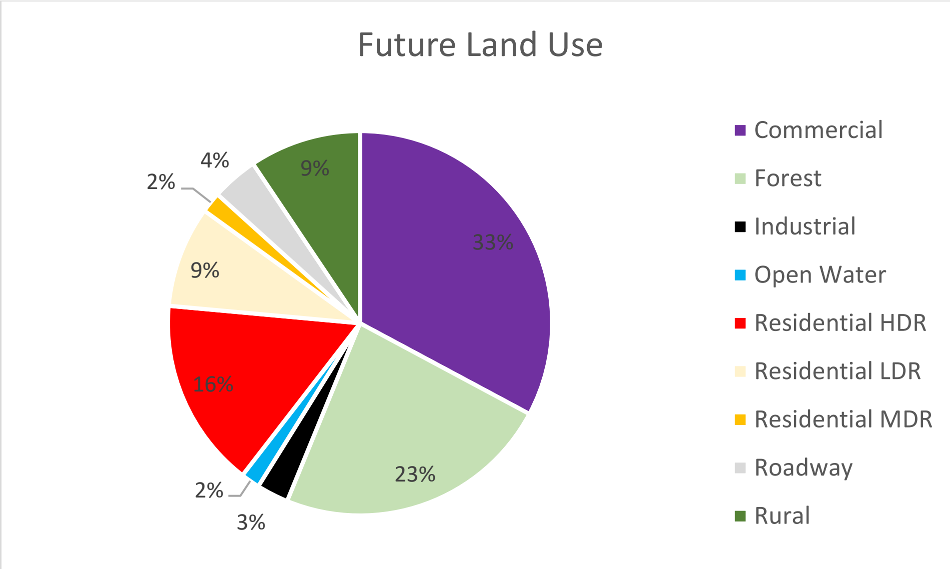


Figure 2-14: Anticipated Future Land Use Summary

2.8 Political Boundaries

2.8.1 Federal Lands

Fort Jackson, the largest and most active Initial Entry Training Center in the U.S. Army, is located northeast of Columbia and east of Gills Creek. Fort Jackson trains approximately 50% of all U.S. Army soldiers (approximately 50,000 individual soldiers in total per year, which includes 70% of the women entering the Army every year). Fort Jackson is also home to the U.S. Army Soldier Support Institute, the U.S. Army Chaplains Center and School, and the Defense Academy for Credibility Assessment. Fort Jackson contains more than 100 ranges and field training sites and 1,160 buildings. Over 3,900 active duty soldiers and their family members live at Fort Jackson, encompassing approximately 18,000 people.

2.8.2 State Lands

Sesquicentennial State Park is located in northeast Columbia, approximately 13 miles from downtown, and is considered a green space in the Columbia suburbs. The headwaters to the Gills Creek Watershed start directly above the park. Sesquicentennial State Park encompasses 2 square miles (1,419 acres) and was originally developed by the Civilian Conservation Corps (CCC), a New Deal Program created by President Franklin D. Roosevelt. Centennial Lake, a 30-acre lake located in the center of the park, provides access to activities such as fishing and boating. Other amenities at Sesquicentennial State Park include a dog park, splash pad, playgrounds, picnic areas, camping areas, bird watching areas, biking trails, hiking trails, and nature trails. There are 84 camp sites open year-round that accommodate tents as well as RVs up to 35 feet, 14 pull-through sites, and 4 primitive camp sites (open only to scout groups or church organizations). The park also contains a two-story log house dating back to the mid-1700s which is believed to be the oldest building standing in Richland County. The house was relocated to Sesquicentennial State Park in 1969 (DHEC, 1997).

2.8.3 Local Lands

The Gills Creek watershed is located entirely within Richland County. Columbia, South Carolina is the largest city in Richland County in the watershed, and Forest Acres is the second largest city located within the watershed, north of Columbia. Arcadia Lakes, the smallest city in the Gills Creek watershed, is located north of Forest Acres

2.9 Demographic Characteristics

2.9.1 Population

The calculated total population for the Gills Creek Watershed is 110,860, which is based on census blocks and the most recent total population count (2017). The calculation summed the blocks that were fully contained within the HUC-10 watershed boundary and also calculated an adjusted population (based on the percentage of a block that was contained within the watershed) for the blocks that crossed the border of the watershed.

3.0 In-Stream Water Quality and Flow Monitoring

3.1 Use Designations and Classifications

State water quality standards are determined based on the water use classification for each waterbody. Water use classifications are based on the desired uses of a waterbody and not necessarily the actual water quality. Classifications are used to determine NPDES permit limits. This also means that waterbodies can be reclassified if the desired or existing use justifies reclassification. The tributaries and lakes in the Gills Creek Watershed are all freshwater (FW) and are defined by SCDHEC in R.61-68 (2014):

Freshwaters (FW) are freshwaters suitable for primary and secondary contact recreation and as a source for drinking water supply after conventional treatment in accordance with the requirements of the Department. Suitable for fishing and the survival and propagation of a balanced indigenous aquatic community of fauna and flora. Suitable also for industrial and agricultural uses.

In addition to water-use classifications, the state has four "use support" designations:

1. Aquatic Life Use Support (AL) – based on the composition and functional integrity of the biological community.
2. Recreational Use Support (REC) – the degree to which a waterbody meets fecal coliform bacteria water quality standards. Waters that have fecal coliform excursions in greater than 25% of samples are considered nonsupporting of recreational uses.
3. Fish Consumption Use Support (FISH) – a risk-based approach is used to evaluate fish tissue data and to issue consumption advisories.
4. Drinking Water Use Support (DW) – nonattainment occurs when the median concentration (based on a minimum of three samples) for any pollutant exceeds the appropriate drinking water Maximum Contaminant Level (MCL).

3.2 Antidegradation Rules

The SC Regulation R.61-68, Water Classifications and Standards, details the State's antidegradation rules. Antidegradation rules provide a minimum loss of protection to all waters of the State and include conditions under which water quality degradation is allowed. The State's antidegradation rules require existing uses be maintained and water quality be protected regardless of the water's classification. Conditions under which water quality degradation is allowed that apply to the Gills Creek Watershed include:

- Existing uses and water quality necessary to protect uses may be affected by instream modifications as long as the stream flows protect classified and existing uses and water quality supporting these classified uses is consistent with riparian rights to reasonable use of water
- Benefits the people and economy of an area where water quality would remain adequate to fully protect existing and classified uses
- Natural conditions cause a depression of dissolved oxygen (DO)

3.3 Numeric and Narrative Criteria

Water quality standards for waters classified as freshwater are listed in Table 3-1.

Table 3-1: Freshwater Water Quality Standards in the State of South Carolina (R. 61-68)

Parameter	Standard
(a) Garbage, cinders, ashes, oils, sludge or other refuse	None allowed
(b) Treated wastes, toxic wastes, deleterious substances, colored or other wastes, except those given in (a) above	None alone or in combination with other substances or wastes in sufficient amounts to make the waters unsafe or unsuitable for primary contact recreation or to impair the waters for any other best usage as determined for the specific waters which are assigned to this class.
(c) Toxic pollutants listed in the appendix	As prescribed in Section E of this regulation
(d) Stormwater, and other nonpoint source runoff, including that from agricultural uses, or permitted discharge from aquatic farms, concentrated aquatic animal production facilities, and uncontaminated groundwater from mining	Allowed if water quality necessary for existing and classified uses shall be maintained and protected consistent with antidegradation rules.
(e) Dissolved oxygen	Daily average not less than 5.0 mg/l with a low of 4.0 mg/1.
(f) *E. coli*	Not to exceed a geometric mean of 126/100 ml based on at least four samples collected from a given sampling site over a 30-day period, nor shall a single sample maximum exceed 349/100 ml.
(g) pH	Between 6.0 and 8.5
(h) Temperature	As prescribed in E.12 of this regulation
(i) Turbidity (except for Lakes) Lakes only	Not to exceed 50 NTUs provided existing uses are maintained. Not to exceed 25 NTUs provided existing uses are maintained.

3.4 Historic Water Quality Sampling Data

Multiple organizations have conducted water quality monitoring in the Gills Creek Watershed (Figure 3-1). Some are official government agencies (SCDHEC, Richland County, City of Columbia) that conduct monitoring as part of regulatory or permit requirements. Some monitoring is voluntary. The Congaree Waterkeeper collects samples in the same location as the SCDHEC station C-001 (which ended SCDHEC sampling in 2018), and has the samples analyzed in a certified private laboratory. There are also volunteers with the Gills Creek Watershed Association who have been certified by SC Adopt-A-Stream (AAS) to use field kits to collect water quality samples from various locations in the watershed. In general, there is good coverage of historic water quality monitoring data for six different SCDHEC monitoring stations from 1999 until 2009. Congaree Riverkeeper has been collecting *E. coli* samples once every other month from May 2015 until present. The AAS sampling is variable for both time and parameters.

Note that at this time, there was not monitoring data available for all the monitoring stations in Figure 3-1; available data are summarized in Table 3-2. At the time of this draft, City of Columbia monitoring data were not available for inclusion in this report.

Table 3-2: Monitoring Stations in Gills Creek Watershed

Station	Organization	Monitoring Data Records	Time Period
C-001	SCDHEC	ALK, AMM, BOD, CD, CA, CR, COND, CU, Depth, DO, ENTERO, ECOLI, FC, HARD, NO2/NO3, FE, TKN, PB, MG, HG, NI, TN, PH, TP, TEMP, TSS, TURB, ZN	Jan 1999 – Dec 2001; Jan 2006 – Dec 2006; Jan 2009 – Dec 2009; Jan 2017 – Aug 2018
C-017	SCDHEC	ALK, AMM, BOD, CD, CA, CR, COND, CU, Depth, DO, ENTERO, ECOLI, FC, HARD, NO2/NO3, FE, TKN, PB, MG, MN, HG, NI, TN, PH, TP, TEMP, TSS, TURB, ZN	Jan 1999 – Aug 2018
C-048	SCDHEC	ALK, AMM, BOD, CD, CA, CHLA, CR, CU, Depth, DO, ENTERO, FC, HARD, NO2/NO3, FE, TKN, PB, MG, MN, HG, NI, TN, TOC, PH, TP, TEMP, TURB, ZN	May 1999 – Dec 2001; Jan 2006 – Dec 2006
C-068	SCDHEC	ALK, AMM, BOD, CD, CA, CHLA, CR, CU, Depth, DO, ENTERO, FC, HARD, NO2/NO3, FE, TKN, PB, MG, MN, HG, NI, TN, TOC, PH, TP, TEMP, TSS, TURB, ZN	Jan 1999 – Dec 2001; Jan 2006 – Dec 2006; Jan 2009 – Dec 2009
RS-09323	SCDHEC	ALK, AMM, BOD, CD, CA, CR, CU, Depth, DO, ENTERO, FC, HARD, NO2/NO3, FE, TKN, PB, MG, MN, HG, NI, TN, TOC, PH, TP, TEMP, TURB, ZN	Jan 2009 – Dec 2009
S-960	SCDHEC	CU, ECOLI, FC, Temp	Sep 2004 – Feb 2005; Jun 2006 – Apr 2007
GIL-TMDL-3	Richland Co.	BOD, CD, COD, CU, SP, FC, NO2/NO3, PB, HEM, TDS, TKN, TP, TSS, ZN	Mar 2007 – Dec 2019
GIL-TMDL-4	Richland Co.	BOD, CD, COD, CU, SP, FC, NO2/NO3, PB, HEM, TDS, TKN, TP, TSS, ZN	Dec 2017 – Nov 2019
LWK-IMP-15	Richland Co.	AMM, COND, DO, ECOLI, HEM, PH, K, SURF, TKN, TP, TSS, TURB, TEMP	Aug 2018 – Nov 2019
CRK05	ConRivKee	ECOLI	May 2015 – Nov 2019
LJCL-0031	AAS	ECOLI, PH, COND, TEMP, DO	Jan 2016 – July 2019
CL-0700	AAS	ECOLI, PH, COND, TEMP, DO	Jan 2017 – Mar 2017
JC-0407	AAS	ECOLI, PH, COND, TEMP, DO	Aug 2019 – Oct 2019
GC-0133	AAS	MACRO	Nov 2017 – Sep 2019
G-0069	AAS	PH, TEMP, DO	Jan 2017
CC-0068	AAS	PH, COND, TEMP, DO	Dec 2016 – Nov 2019
GCO-0358	AAS	ECOLI, PH, COND, TEMP, DO	Jul 2019 – Nov 2019
PB-0022	AAS	ECOLI, PH, COND, TEMP, DO	Dec 2016 – Jul 2017
GC-0133	AAS	MACRO	Nov 2017 – Sep 2018
EB-0067	AAS	ECOLI, PH, COND, TEMP, DO	Jun 2019 – Nov 2019
GC/R-0400	AAS	ECOLI, PH, COND, TEMP, DO	Aug 2019 – Oct 2019
GC2-0162	AAS	MACRO	Feb 2018 – Apr 2019

Table 3-3: Summary of Water Quality Monitoring Parameters

Parameter	Name	Units	Quality Standards for Freshwaters
ALK	= alkalinity	mg/L	
AMM	= ammonia	mg/L	
BOD	= biochemical oxygen demand	mg/L	
CA	= cadmium	mg/L	
CD	= calcium	mg/L	
CHLA	= chlorophyll-a	ug/L	(Southeastern Plains lakes: <40 ug/L)
CR	= chromium	mg/L	
COND	= conductivity	umho/cm	
CU	= copper	mg/L	
DEPTH	= depth	m	Depth of water sample = 0.3 m
DO	= dissolved oxygen	mg/L	Daily avg. > 5.0 mg/l
ENTERO	= Enterococcus	#/100mL	
ECOLI	= Escherichia coli	#/100mL	Monthly avg. <126 MPN/100mL; Single sample <349 MPN/100mL
FC	= Fecal coliform	#/100mL	TMDLs converted to *E. coli*
FE	= iron	mg/L	
HARD	= total hardness	mg/L	
HEM	= oil and grease	mg/L	
HG	= mercury	mg/L	
K	= potassium	mg/L	
MG	= magnesium	mg/L	
MN	= manganese	mg/L	
NI	= nickel	mg/L	
NO2/NO3	= nitrite/nitrate	mg/L	
PB	= lead	mg/L	
PH	= pH		Between 6.0 and 8.5
SP	= dissolved phosphorus	mg/L	
SURF	= surfactants	mg/L	
TEMP	= temperature	deg C	
TKN	= total Kjeldahl nitrogen	mg/L	
TN	= Total Nitrogen	mg/L	(Southeastern Plains lakes: < 1.50 mg/L)
TOC	= total organic carbon	mg/L	
TP	= total phosphorus	mg/L	(Southeastern Plains lakes: < 0.06 mg/L)
TDS	= total dissolved solids	mg/L	
TSS	= total suspended solids	mg/L	
TURB	= turbidity	NTU	< 50 NTUs (< 25 NTU for lakes)
ZN	= zinc	mg/L	

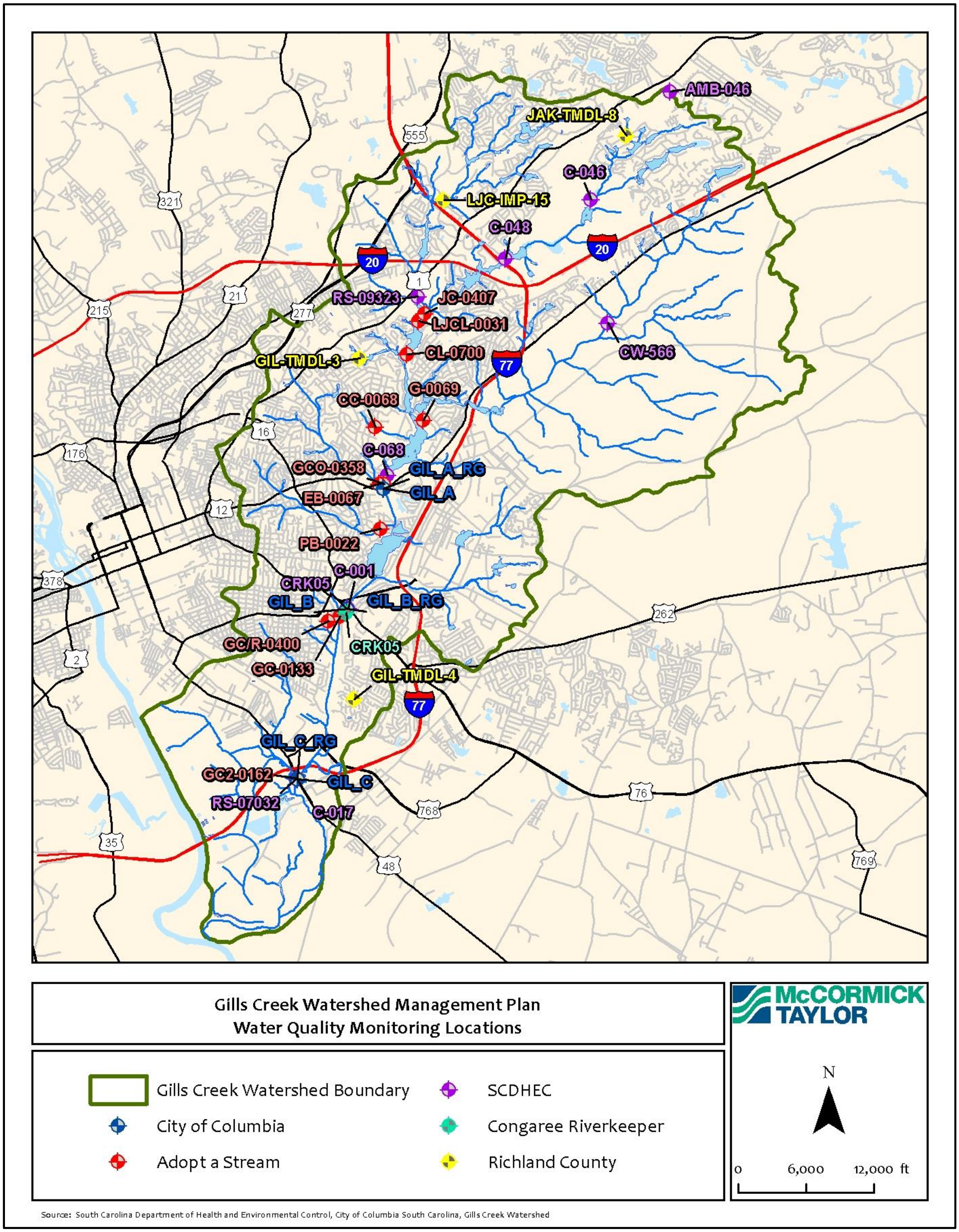


Figure 3-1: Water Quality Monitoring Locations

Figures 3-2, 3-3, and 3-4 summarize available historical monitoring data for dissolved oxygen (DO) and *E. coli* at various monitoring stations from 1999 to present. These data were selected for presentation in the watershed management plan due to their relevance to approved TMDLs for these parameters in the watershed (SCDHEC 2010a, SCDHEC 2010b). The water quality standard for dissolved oxygen is for the daily average to be greater than 5.0 mg/L. As illustrated in Figure 3-2, this standard was not attained for over 30 observations at three different monitoring stations (C-001, C-017, and C-048) in the Gills Creek Watershed as recently as 2018. It appears as though the DO levels monitored by Richland County in 2019 at LWK-IMP-15 were all above the water quality standard.

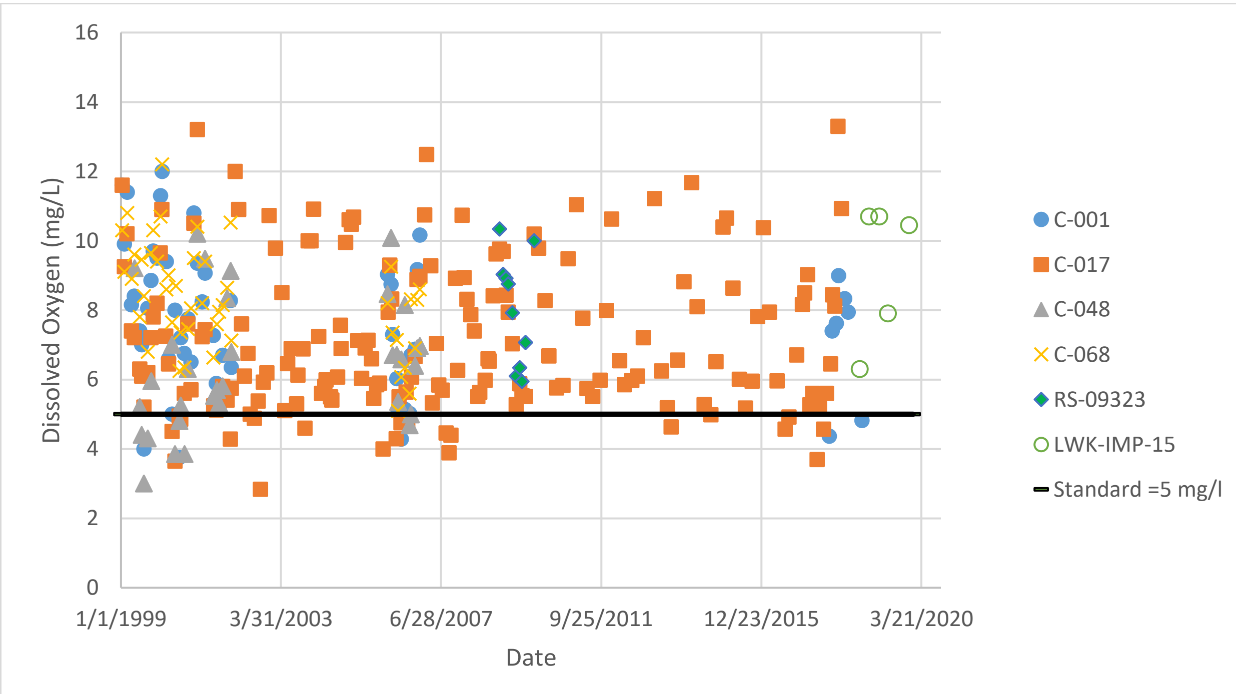


Figure 3-2: Monitoring Results for Dissolved Oxygen in Gills Creek

For *E. coli*, the water quality standard is for the single sample maximum to be less than 349 #/100 mL as indicated by the solid line in Figures 3-3 and 3-4. Bacteria quantities are reported in two main ways, depending on the method used to take the measurement: enzyme substrate is reported as most probable number (MPN)/100 mL and membrane filtration is reported in colony forming units (CFU)/100 mL. The R61-68 standard leaves units out and lists the standard in #/100 mL because these two methods and units are used equivalently. The data highlight 8 different exceedances (ranging from 400-100 #/100 mL) of this standard since 2003 at three different SCDHEC monitoring stations, with all but one happening in 2009. There is a shift in the recent data, gathered by Richland County, Congaree Riverkeeper, and Adopt-A-Stream volunteers (Figure 3-4). There are 22 exceedances between 2015 and 2019, with almost half of those at concentrations of 5000-25,000 CFU/100 mL (roughly 1.5 to 71 times over the water quality standard).

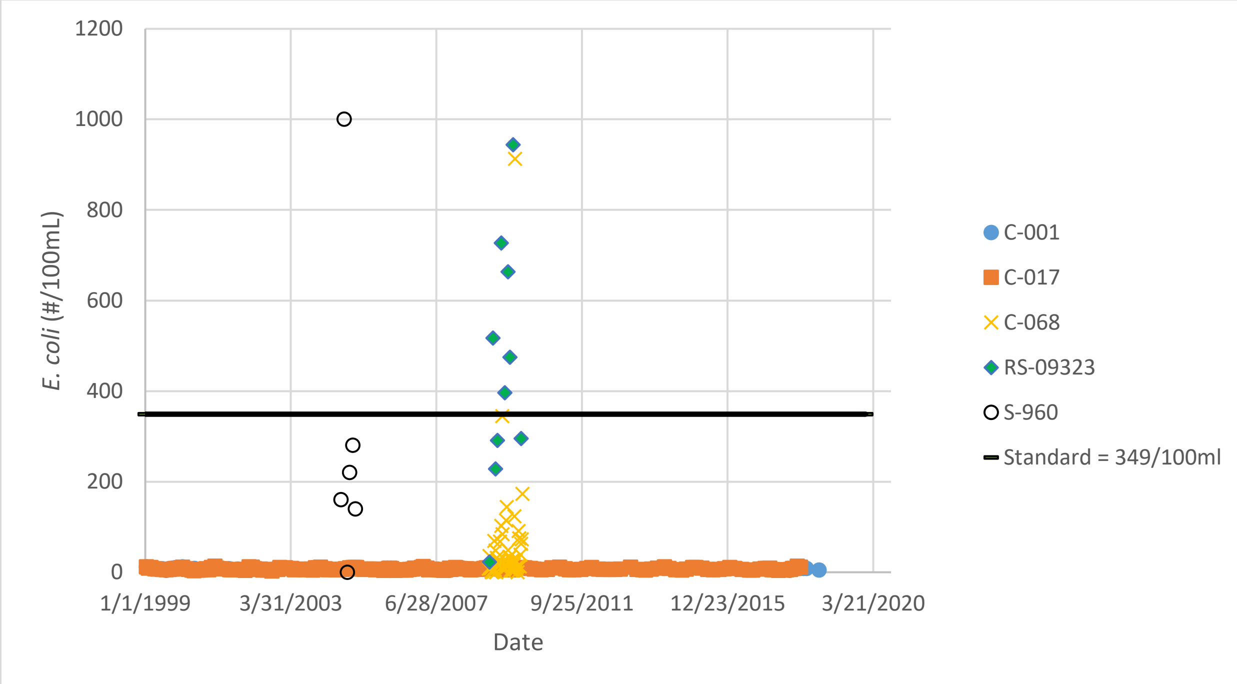


Figure 3-3: Historic SCDHEC Monitoring Results for E. coli in Gills Creek

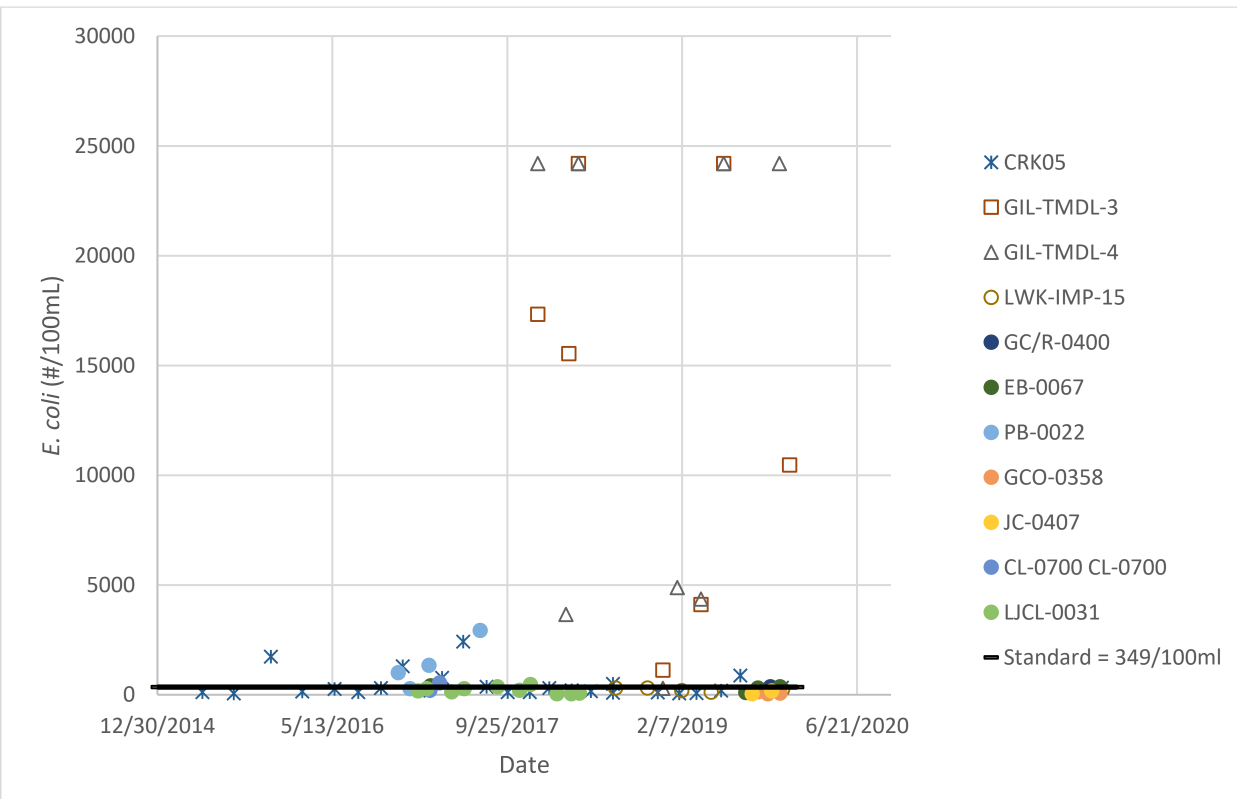


Figure 3-4: Recent Monitoring Results for E. coli in Gills Creek

Because this watershed management plan is using reductions in Total Suspended Solids (TSS) as a performance metric for the proposed projects, and because TSS is a common complaint for lakes within the watershed, the available historic TSS monitoring data from three SCDHEC stations and three Richland County stations is illustrated in Figure 3-5 below. Note, there are no regulatory standards for TSS included in R.61-68. Total Suspended Solids are solids that can be captured by a filter, and typically include a variety of material such a silt, decaying plant matter, plankton, algae, and sewage. High concentrations of TSS can be problematic for aquatic health because they can block sunlight and act as carriers for pollutants, which can cling to the particles (EPA, 2012). TSS is measured in a laboratory setting by filtering water samples and weighing the residue left on the filter; however, it tends to be well-correlated with turbidity. Turbidity is the measure of how much light is scattered by particles in the water and is measured with a Secchi disk (best for deep, slow-moving rivers) or turbidity meter (EPA, 2012). In R.61-68 the turbidity standard for freshwater is less than 50 NTUs (or less than 25 NTU for lakes). It is possible to develop site-specific relationships between TSS and turbidity (which can be measured with instrumentation in the field). Soil erosion, waste discharge, urban runoff, eroding stream banks, and excessive algal growth can contribute to TSS and turbidity.

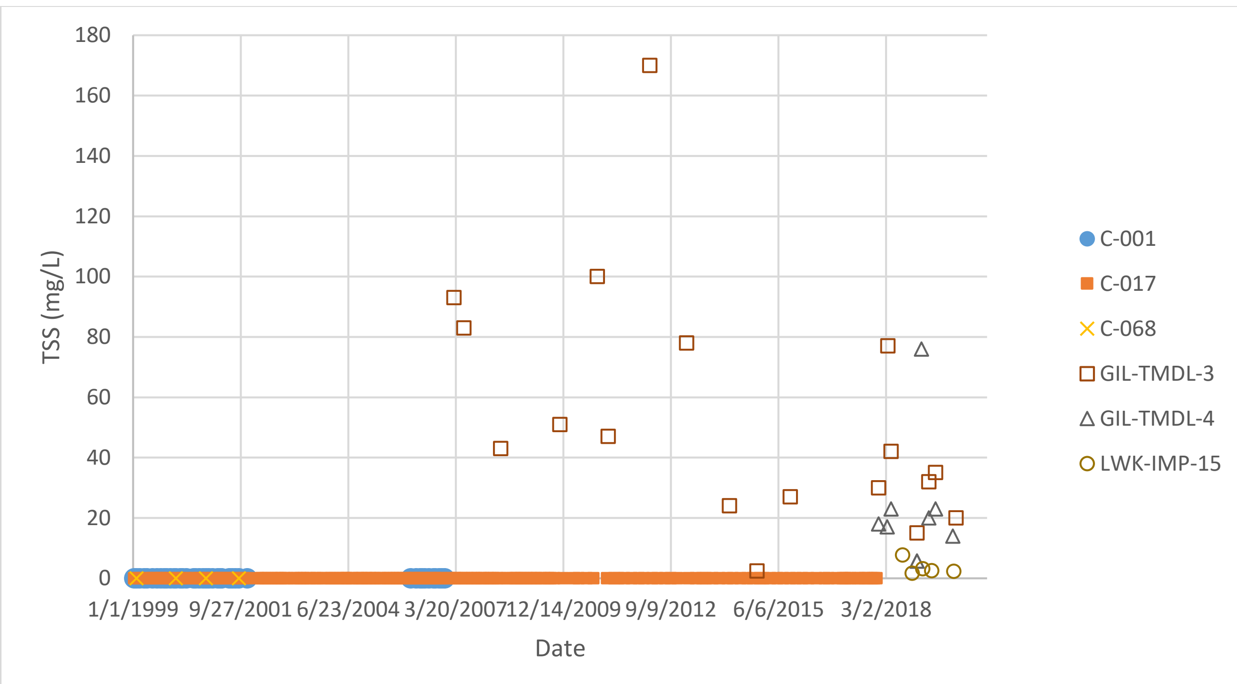


Figure 3-5: Total Suspended Solids (TSS) observed in Gills Creek

3.5 Impaired Waters

Waterbodies that do not meet these designated uses are impaired and identified by the state in accordance with the Federal Clean Water Act Section 303(d), known as the "303(d) list." Waterbodies in the Gills Creek Watershed identified on SCDHEC's draft 2018 303(d) list are shown in Figure 3-5, and listed in Table 3-4. The state uses the 303(d) list to target waterbodies that need to be restored to meet water quality standards. Generally, a total maximum daily load (TMDL) is developed for waters identified on the 303(d) list. A TMDL is the calculation of the maximum amount of a pollutant that is allowed to enter a waterbody so that the waterbody will meet its water quality standards for a particular pollutant. A TMDL must include both point and nonpoint sources of pollution and some margin of safety. The Gills Creek Watershed is included in two TMDL plans: one for dissolved oxygen and one for fecal coliform. Dissolved oxygen is required for the survival of aquatic life (e.g. fish), and high levels of bacteria increase the probability that people will become ill if they come in contact with the waterbody. Although there are currently no TMDLs to address impairments due to metals (mercury and lead), best management practices that address sedimentation will simultaneously help reduce metal loads. Finally, even though many stakeholder comments addressed erosion and sedimentation as points of concern in the watershed, at this time there are no impairments or TMDLs for total suspended solids.

Table 3-4: Summary of SCDHEC's Impaired Stations, Waters of Concern, and TMDLs

HUC-12	Watershed	Station	Use	Cause
030501100201	Jackson Creek – Gills Creek	C-046	FISH	HG
		RS-09323	AL	BIO
		RS-09323*	AL	PB
		RS-09323[1]	REC	FC
		C-048[1]	AL	DO
030501100202	Upper Gills Creek-Congaree River			
030501100203	Lower Gills Creek-Congaree	C-001[1]	REC	FC
		C-017	AL	PB
		C-017[1]	AL	DO
		C-017[1]	REC	FC
		C-068	FISH	HG

**denotes SC Waters of Concern (not impaired)*
[1] denotes SC Waters with an Approved TMDL
REC = recreation
FISH = fish consumption
AL = Aquatic Life
HG = mercury
BIO = biological
PB = lead
DO = dissolved oxygen
FC = fecal coliform

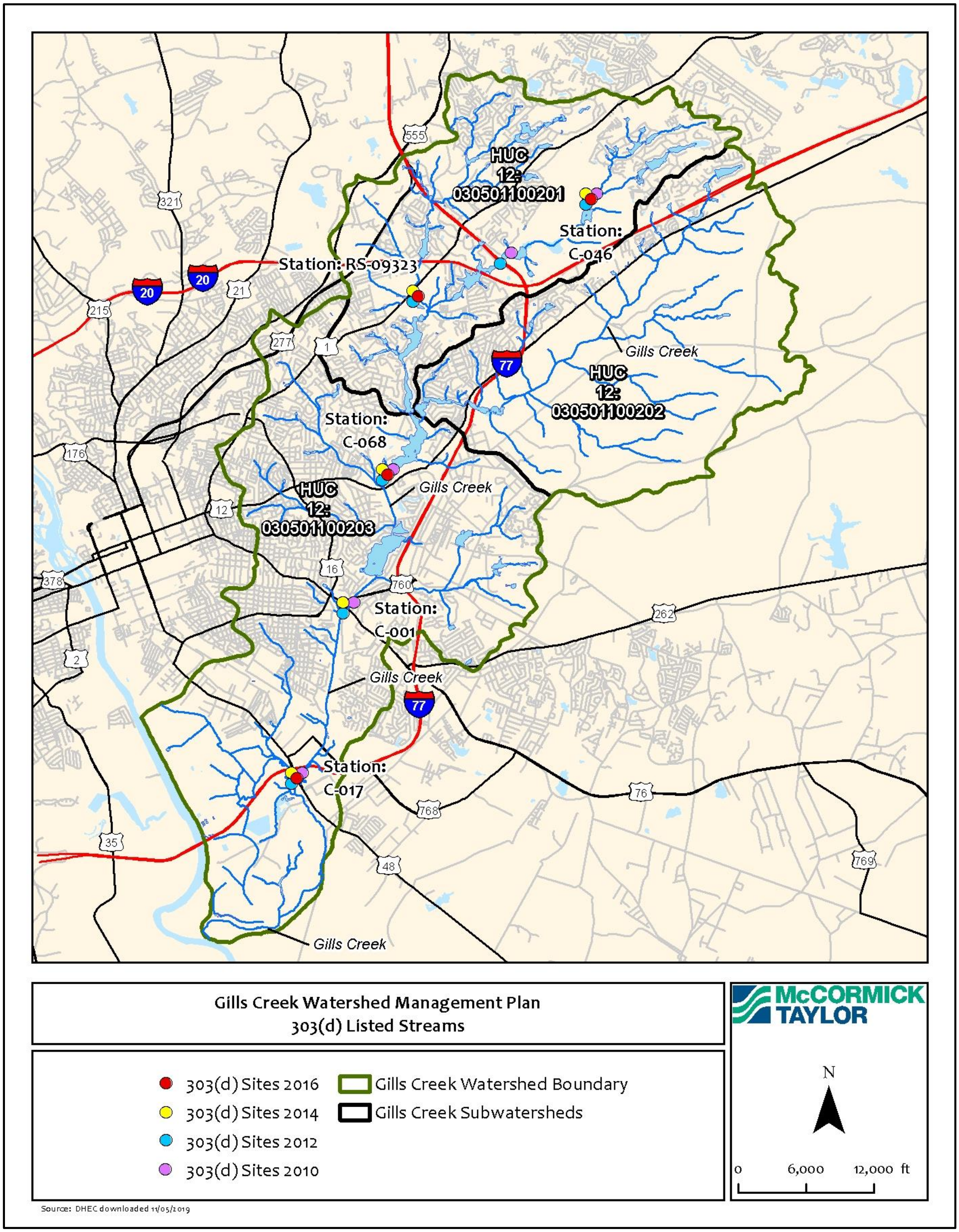


Figure 3-6: Monitoring Stations with Listed Water Quality Impairments

3.6 Historic Flow Monitoring on Gills Creek

The U.S. Geological Survey has one continuous gaging station at Gills Creek (02169570) at State Highway 760. The drainage area contributing to this section of the creek is 59.6 square miles, and the USGS has monitored and recorded stage and discharge at this site from October 1966 until the present day.

The most recently completed water year spans from October 2018 to September 2019. In general, the average annual mean flow in Gills Creek is 69.5 cfs. The highest annual mean flow (129.7 cfs) occurred in Water Year 1991, and the lowest annual mean flow (29.9) occurred in 2002. The lowest daily mean discharge for the period of record is an estimated value, and the maximum discharge is unknown but occurred on October 4, 2015 at a maximum gage height of 19.75 ft.

The relative consistency in streamflow from 1966 to present is assumed to be because of the location of the station, approximately 900 feet downstream from Lake Katherine. Lake Katherine was built in the 1940s and 50s. The influence of changes in land use activity in the watershed are likely more visible upstream of Lake Katherine and downstream of the USGS station.

Data to create Figure 3-6, Table 3-5, and Table 3-6 were downloaded from the National Water Information System (USGS, 2020).

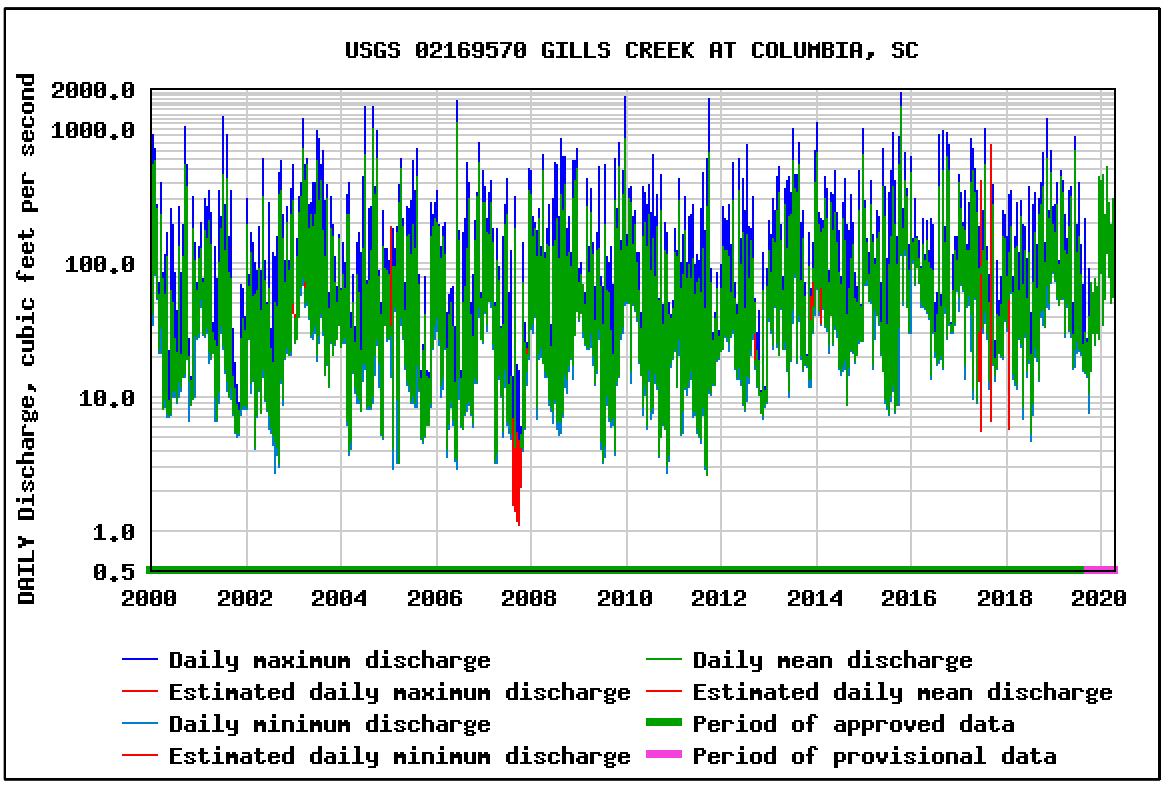


Figure 3-7: Daily observed discharge at Gills Creek

Table 3-5: Annual Average Daily Discharge at USGS 02169570

Water Year	Discharge (cfs)
2000	57.4
2001	45.1
2002	29.9
2003	86.5
2004	53.9
2005	52.5
2006	43.3
2007	47.7
2008	49.9
2009	47.4
2010	67.2
2011	42.8
2012	37.9
2013	68.5
2014	62.2
2015	65.5
2017	84.6
2018	46.2
2019	81.6

Table 3-6: USGS Summary Statistics for Water Year 2019 at USGS 02169570

Summary Statistics				
	Water Year 2019		Water Years 1967-2019	
Annual Total	29,780			
Annual Mean	81.6		69.5	
Highest Annual Mean			129.7	1991
Lowest Annual Mean			29.9	2002
Highest Daily Mean	686.0	Jun 09	1,730	Aug 20, 1986
Lowest Daily Mean	10.8	Sept 27	1.10	Sept 30, 2007
Annual 7-day Minimum	12.4	Sept 23	1.36	Sept 07, 2007
Maximum Peak Flow	1,210[a]	Nov 13	2,880[a]	Feb 24, 1979
Maximum Peak Stage	7.01	Nov 13	19.75	Oct 04, 2015
Annual Runoff (cfsm)	1.37		1.18	
Annual Runoff (inches)	18.6		16.0	
10 Percent Exceeds	159.4		144.0	
50 Percent Exceeds	57.1		44.0	
90 Percent Exceeds	18.6		13.0	

[a]*All or part of the record affected by Urbanization, Mining, Agricultural Changes, Channelization, or other*

4.0 Pollutant Source Assessment

Potential sources of pollutants are reviewed in the following section using available data and information. Sources of nutrients, sediment, metals, bacteria, and other pollutants are considered in relation to where these sources may occur in the watershed and the potential impacts they may have on water quality and aquatic life.

4.1 Nonpoint Sources

4.1.1 Agriculture

Livestock

Livestock production can lead to increased pollutant concentrations in downstream waterbodies. Where livestock have unlimited access to streams, animals may contribute fecal matter directly to streams and cause severe disturbance to stream banks. Runoff from livestock facilities (pasture, paddocks, manure storage areas, etc.) can introduce sediment, nutrients, bacteria, and toxins to surface waters. Very few livestock operations are believed to exist in the watershed. Horse farms exist in the upper, northeastern portion of the watershed, and a few additional operations may exist throughout the less developed portions of the watershed. All of these operations are expected to be small farms with low densities of livestock. Livestock operations may contribute some pollutant loading to the watershed but are not expected to be a major source because there are no permitted facilities in the watershed currently.

Cropland

As in the 2009 Watershed Management Plan, about four percent of the Gills Creek watershed is maintained as cropland; however, land cover in pasture/hay production has dropped from 2% to 1%. Most of the agricultural land is located in the lower portion of the watershed near the Congaree River. Currently, there are no permitted manure application sites within the watershed. Major crops grown include corn, soy, and hay.

Nonpoint sources associated with agricultural crop production include nutrients, sediment, bacteria, and toxins. Sediment loading occurs through erosion of bare or disturbed soils. Nutrients in agricultural runoff originate from exposed soil as well as from applied fertilizers. Bacteria may originate from livestock manure applied to agricultural land. Toxins in agricultural runoff, including pesticides, typically originate from chemical applications to cropland. Metals, which are potential toxins, may also be released in agricultural runoff, and these toxins may originate from both manure and mineral-based fertilizer applications. Toxins from chemical applications may contribute to declines in aquatic species populations in combination with other sources (urban/suburban runoff, point sources, and hazardous waste). Cropland is most likely to impact water quality and aquatic life in the lower portion of the watershed near the confluence of Gills Creek and the Congaree River.

4.1.2 Silviculture

Silviculture, which involves managing forests for a particular goal, can have both positive and negative effects on water quality and aquatic habitat. When forest is managed to prevent catastrophic fires, a watershed is at less risk for high sediment loading that would occur after a catastrophic event. On a much smaller scale, fire prevention techniques may increase sediment loading due to removal of vegetation during prescribed burns or thinning. In the Gills Creek Watershed, only Ft. Jackson conducts prescribed burns. Timber harvesting can increase sediment loading from forested areas, and roads associated with timber harvesting tend to increase sediment loading to a greater degree than harvested areas themselves.

Forest, including shrubland, accounts for about 21% of the watershed land cover (which is 13% less than the 34% reported in the 2009 Watershed Management Plan). No known industrial timber harvesting operations exist within the watershed. Some private landowners may practice timber harvesting and other silviculture activities on a small scale. Large tracts of privately owned forest exist in the lower watershed near the Congaree River and in the upper, northeastern portion of the watershed.

The forest within Sesquicentennial Park represents about 7 percent of the forest in the watershed. Within the park, forest is managed to a minimal degree and is mostly left in its natural state. Damaged or diseased trees are periodically removed if they present a public safety hazard. Wildfires have occurred within the park, and according to park staff, these fires have burned slowly and were easily contained. No prescribed burns or thinning are currently performed on the park property.

Silvicultural activities may contribute some sediment loading within the watershed, but these activities are unlikely to be a major source.

4.1.3 Wildlife

Natural areas that support wildlife are generally considered to represent the natural, unimpacted state of the watershed, and wildlife feces are considered a background source of nutrients and bacteria in surface water. The watershed contains about 34% forest and wetland where wildlife is likely to exist. Most of the natural forest and wetland areas are located in the upper, northeast portion of the watershed. Wildlife within these areas is likely to contribute some nutrient and bacteria loading to downstream waterbodies.

About two percent of the Gills Creek Watershed (2.4 square miles) is in open water, and ponds and lakes encompass the majority of this area. This large area of open water is likely to attract waterfowl during migratory seasons and throughout the year, and waterfowl are likely to be a source of nutrients and bacteria in the Gills Creek Watershed (Figure 4-1). Although wildlife hotspots were identified on the stakeholder webmap (Figure 4-2), further investigations will be necessary to determine if they are contributing significantly to the bacteria loads in the watershed (through microbial source tracking), and if so, determine the amount (through a detailed population survey). Also, the Watershed Treatment Model (WTM) does not calculate estimated loads from wildlife so this would have to be estimated using another method.

Box turtle

Kingfisher (photo: Frank Baker)

Great Blue Heron (photo: Frank Baker)

Raccoon

Figure 4-1: Examples of Wildlife in the Gills Creek Watershed

4.1.4 Septic Systems

Septic systems that are not properly maintained are a potential source of nutrients and bacteria in surface and groundwater. Figure 4-7 shows that the entire watershed is served by municipal sewer systems, either from the City of Columbia, East Richland Public Service District (PSD), or Richland County. This indicates that new or recent development is likely to be served by municipal sewer systems and not septic systems. Older development may be served by septic systems or other onsite wastewater facilities.

Information presented in the 2009 Watershed Management Plan indicated that U.S. census data in 1990 showed that onsite wastewater system density ranged from 3 to 1100 systems per square mile. An attempt to duplicate this methodology in 2020 was unsuccessful; furthermore, the consultants and representatives from the Gills Creek Watershed Association were unable to obtain any official records of septic systems in the Gills Creek Watershed. Conversations with the East Richland PSD, revealed that it would be difficult to estimate the percent of unsewered dwelling structures in the service area. The best estimated guess is that of the approximately 18,000 residential customers, there may be 1,800 (10%) residential dwelling structures that have sewer available but are not connected (Edward Schooler, personal communication, 24 January 2020). Additionally, it was assumed that the existing septic systems had a 10% fail rate, which would produce an annual load of 2,831 lb/yr TN; 472 lb/yr TP; 18,873 lb/yr TSS; and 4,284 billion CFU bacteria/year.

4.1.5 Urban/Surburban Runoff

Urban/Suburban runoff is similar to cropland runoff in that it includes nutrients, sediment, bacteria, and toxins. However, a major difference lies in how and when the runoff from urban and suburban landscapes is delivered to waterbodies. Urban/Suburban runoff is usually routed from impervious surfaces either directly to the waterbodies or somewhere just upstream of the waterbodies. These different runoff characteristics threaten streams and other waterbodies from urban/suburban runoff in several different ways. The first, and potentially most influential threat, is from the increased stormwater discharges that are delivered directly to streams where both the volume and velocities of the flows are often drastically higher than runoff from undeveloped lands. Secondly, the increased overland flow that is often associated with urban/suburban impervious surfaces decreases the amount of stormwater that flows through subsurface processes from which groundwater is recharged, thus leading to lower base flows. Thirdly, urban/suburban land uses can increase pollutant loads in stormwater runoff through erosion from disturbed areas (e.g., construction sites), build-up and wash-off of pollutants, illicit connections, and dumping into storm sewers. Another common threat from urban/suburban development is the increase in stream temperatures due to lack of shading as well as heated stormwater runoff from ponds and impervious areas. Finally, a decreased population and diversity of plants and animals is usually observed in urban/suburban areas due to the poor quality of habitat. All of these mechanisms can contribute to waterbody impairment, both from a human health and aquatic life perspective.

A significant portion of the Gills Creek Watershed has been developed into suburban and urban lands (28.7 square miles). The amount of developed land within the watershed (39%) is approximately twice the amount of forested (17%). This development is scattered throughout most of the watershed—with the exception of Fort Jackson lands (mostly forested) and the lower portion of the watershed in cropland and pasture (City of Cayce)—and impacts from urban/suburban land are likely to occur throughout the watershed due to the sprawling nature of this development.

Imperviousness can play a large role in the pollutant loading from urban/suburban runoff. Like urban/suburban development, impervious surfaces are dispersed throughout much of the watershed (Figure 2-13) and are likely to be a source of pollutants and erosive flows in many stream reaches and other waterbodies. Additionally, stakeholders utilized an ESRI webmap to identify hotspots where runoff has directly entered waterways and/or sediment was being delivered via stormwater infrastructure (Figure 4-2). These hotspots should not be considered an exhaustive inventory of erosion, sedimentation, and stormwater concerns for the entire Gills Creek watershed but may serve as a sampling of some of the potential pollutant loading from urban/suburban lands, both during and after construction.

Runoff from urban/suburban land may be a source of sediment, nutrients, bacteria, and other pollutants in portions of the watershed. In current conditions, WTM predicts the total annual runoff from each of the three HUC-12 watersheds to be 12,422 ac-ft for Jackson Creek-Gills Creek; 5,730 ac-ft for Upper Gills Creek; and 20,100 ac-ft for Lower Gills Creek. Fecal matter from pets and wildlife found in urban and suburban areas can contribute to the bacteria levels found in the waterways of Gills Creek watershed. Nutrients and toxins from chemical applications to lawns and landscaped areas may contribute to declines in aquatic species populations in combination with other sources (cropland runoff, point sources, and hazardous waste – which is described in Section 4.3). However, WTM does not explicitly calculate specific loads attributable to pet waste or lawn nutrients; these are assumed to be included with the loads generated from the different land use types. The WTM does provide credits for reducing loads from pet waste and lawns through educational programming (Caraco, 2013). Urban/Suburban lands are most likely impacting water quality and aquatic habitats throughout most of the upper watershed with the exception of the forested areas of Fort Jackson in the southeastern corner of the upper watershed. With the potential of land being continually developed into suburban and urban land uses, it will be important to consider undeveloped areas as potential future pollutant sources.

4.1.6 Streambank Erosion

Modification of the hydrologic regime due to land development in a watershed can result in elevated volumes of stormwater runoff being delivered to creeks, streams, and waterbodies. These increased volumes and the quick delivery of these runoff events can lead to scour of stream channels, incision, and streambank erosion. Hydrologic scour of the streambed can also limit key microhabitats (e.g., leaf packs, sticks, and coarse substrate) for aquatic species. While it is difficult to delineate the different sources of sediment that is being delivered to streams (e.g., streambank erosion as opposed to upland sources such as construction sites), instream sedimentation and subsequent lack of microhabitat are, to some degree, a result of sediment input to streams from streambank erosion. Channel widening through streambank erosion can also exacerbate low flow conditions because channels become overly wide and shallow. Due to the adhesive property of soil, erosion can also contribute additional nutrients, fertilizer, pesticide, and bacteria. The WTM model estimates that in current conditions with moderate erosion (channels show signs of degradation with some areas of severe channel erosion) will contribute an annual load of 7,776 lb/yr TN; 6,221 lb/yr TP; and 7,775,622 lb/yr TSS to the entire HUC-10 Gills Creek Watershed.

Ideally, the evaluation of streambank erosion risks in a watershed would be done through field observations using industry-standard methodologies (e.g., Bank Erosion Hazard Index (BEHI) as described by Rosgen (2001) or Channel Evolution Model as described by Simon (1989)). However, due to limited time and funds, the influence of streambank erosion was quantified throughout the Gills Creek watershed using a geospatial assessment that involved a statistical analysis of the Universal Soil Loss Equation (USLE) K-factor values (obtained from the USDA NRCS Soil Survey Geographic (SSURGO) Database) within 10 feet of all existing natural stream channels. While the USLE K-factor—having units of tons/acre—is a measure of the susceptibility of a soil to particle detachment and transport by rainfall (also with the assumption that the soil is cultivated, continuous fallow), it is the best available measure of a specific soil's susceptibility to streambank erosion for the Gills Creek watershed. Moreover, the K-factor values most likely underestimate the risks of streambank erosion because the erosive power of stream flows on (most likely) saturated streambank soils is presumed to be greater than that of rainfall. The sub-surface K-factor was used so that bank and channel erodibility was most closely reflected by the data.

Section 2.5.3 of this report discusses the results of the geospatial analysis of subsurface K-factor values. About one-third of the subsurface soils in stream channels were considered low erodibility, with the remaining two-thirds of the watershed classified with medium to high soil erodibility. To supplement the geospatial analysis, stakeholders identified areas where streambank erosion processes may be active (Figure 4-2), utilizing an ESRI webmap. Pink dots for "sediment" were often accompanied with descriptive notes about specific erosion problems (included in Appendix B). These hotspots, summarized in Table 4-1 and 4-2 below, should not be considered an exhaustive inventory of instream erosion concerns for the entire Gills Creek Watershed but may serve as a sampling of some of the potential areas of streambank erosion found throughout the watershed. The most frequently cited hotspot issue was sediment, followed by litter and wildlife. The Lower Gills Creek-Congaree River HUC-12 watershed received the most stakeholder input. Also, note that three stakeholder inputs were included in watersheds beyond the Gills Creek boundary (highlighted in red in Table 4-2).

Table 4-1: Summary of Hotspot Types Identified by Stakeholders

Hotspot Type	Total
Broken Sewer Lines	4
Dog Walking	9
Industrial/Commercial Pollution Sources	10
Recreation	11
Construction Sites	22
Wildlife	25
Litter	44
Sediment	81
Grand Total	**206**

Table 4-2: Summary of Hotspots by Watershed

Watershed	Total
Upper Gills Creek-Congaree River	10
Jackson Creek-Gills Creek	60
Lower Gills Creek-Congaree River	133
Upper Crane Creek	1
Gillies Creek-Wateree River	2
Grand Total	**206**

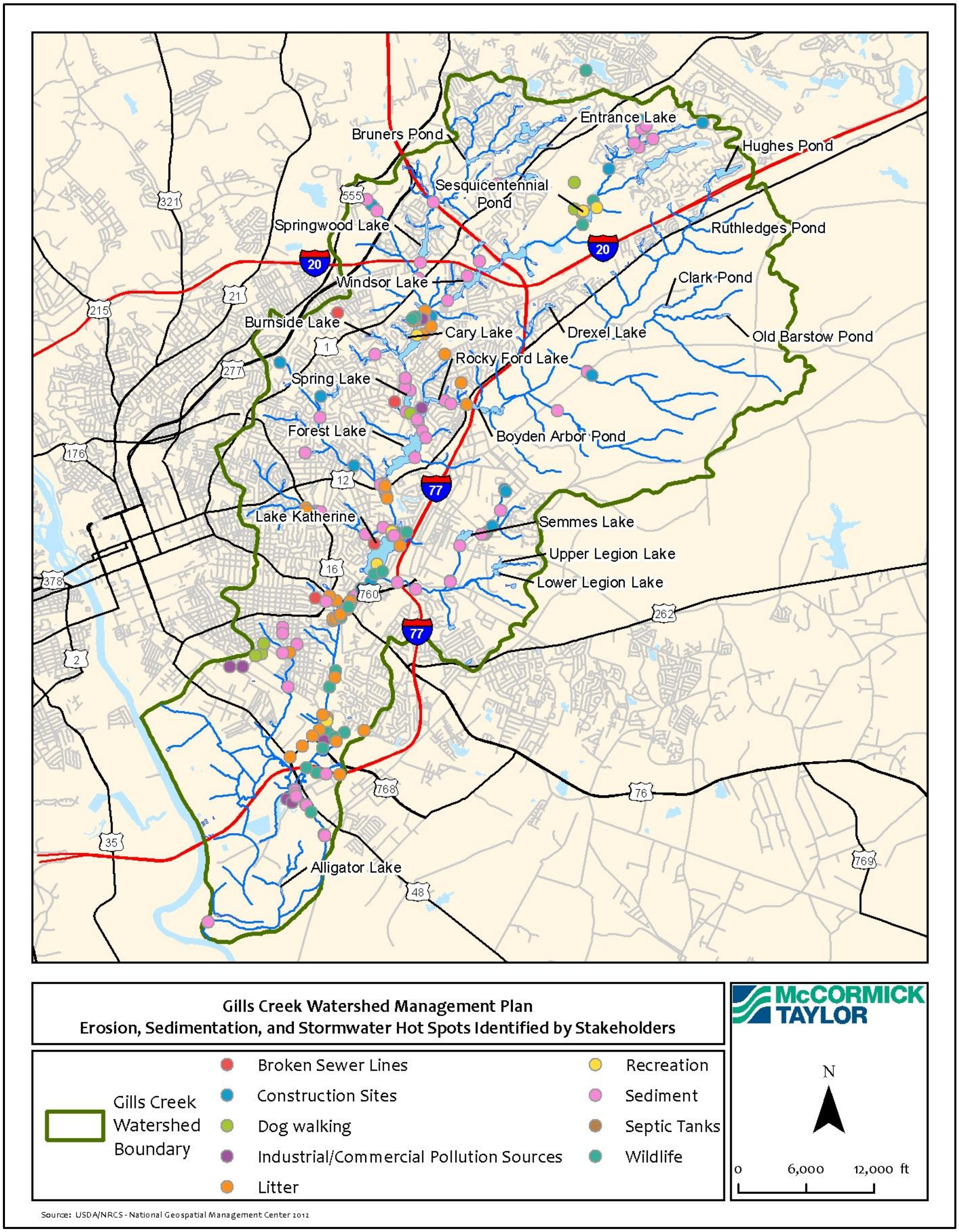


Figure 4-2: Stakeholder Hotspot Map

4.1.7 Atmospheric Deposition

Atmospheric deposition can be a source of pollutants that originate from air emissions within and outside the watershed. Pollutants in the atmosphere may originate from automobiles, power plants, incinerators, factories, and a number of other sources. The sources of pollutants may be located many miles from the receiving watershed. Deposition can occur during rain events (wet deposition) and between rain events (dry deposition). Atmospheric deposition is most commonly investigated as a source of nitrogen, sulfur, and mercury, which can degrade water quality and endanger public health and aquatic life.

Statistics for mercury deposition were generated from the 2002 results of the CMAQ-Hg modeling efforts, a regional mercury transport model developed by the USEPA as part of the U.S. Congestion Mitigation and Air Quality (CMAQ) Improvement Program. The following mercury deposition rates were estimated from the simulated data:

- Total Dry Mercury ranges from 19.3 $\mu g/m^2$ to 27.8 $\mu g/m^2$, with an average 24.8 $\mu g/m^2$
- Total Wet Mercury ranges from 12.9 $\mu g/m^2$ to 15.0 $\mu g/m^2$, with an average 13.8 $\mu g/m^2$
- Total Dry and Wet Mercury range from 32.8 $\mu g/m^2$ to 42.9 $\mu g/m^2$, with an average 38.6 $\mu g/m^2$

Estimated deposition rates are also available for nitrogen and sulfur from the USEPA Clean Air Status and Trends Network (CASTNET). The closest CASTNET monitoring station is located in Montgomery County, NC near the NC-SC border, and data from 1997 through 2007 are summarized in Table 4-1.

Table 4-3: Range and Average of CASTNET Deposition Rates for Nitrogen and Sulfur

	Nitrogen Deposition (kg/ha)			Sulfur Deposition (kg/ha)		
	Dry	Wet	Total	Dry	Wet	Total
Minimum	1.8	3.1	5.4	1.9	3.6	5.5
Average	2.2	4.5	6.6	2.3	5.0	7.3
Maximum	2.6	5.6	7.6	2.7	6.4	8.6

The entire watershed is expected to be affected by atmospheric deposition of these pollutants. Nitrogen deposition is likely to contribute to total nitrogen concentrations in the watershed, which can cause algal blooms and eutrophication, lead to lower dissolved oxygen, and impact aquatic life. Sulfur deposition is likely to contribute to reduced pH below natural conditions, which can also harm aquatic life. Mercury deposition is a source of high mercury concentrations in fish tissue and surface water, which have impaired streams and lakes in the watershed. In 2017, the GCWA in partnership with USC-Aiken and Bible Way Church of Atlas Road completed the Gills Creek Fish Mercury Study that was funded by an EPA Environmental Justice Small Grant. In total, 596 fish samples were obtained over a ten-month period. The findings indicated that the overall mercury concentrations in the fish from Gills Creek were low, with only three species (largemouth bass from Crowson and Bluff, warmouth from Bluff, and yellow perch from Congaree) that exceeded the EPA thresholds.

4.2 Point Sources

4.2.1 NPDES Permits

The National Pollutant Discharge Elimination System (NPDES) was developed by USEPA to regulate point source pollutant discharges to surface waters. In South Carolina, NPDES permitted dischargers must comply with discharge limitations that are set by SCDHEC to protect downstream waterbodies.

Figure 4-3 shows the locations of NPDES permitted facilities, with both active and inactive permits. Three NPDES permitted facilities are active dischargers to surface waters in the watershed. The Amphenol Corporation facility in the upper part of the watershed (SC0046264) discharges concentrations of organic chemicals. The SCDOT/I-20 pit facility in the western part of the watershed (SCG730926) and the Jordan Company sand pit both discharge miscellaneous non-metallic minerals. The NPDES discharges may contribute to declines in aquatic species populations in combination with other sources of potential toxins (stormwater runoff, agriculture, and hazardous waste), but are not expected to be significant pollutant sources in the watershed.

Phase I and II Stormwater Permits

Urban areas designated by USEPA and SCDHEC as significant dischargers of stormwater runoff can represent a significant source of sediment, nutrients, bacteria, metals, other dissolved substances, and erosive stream flows. Stormwater is addressed generally under Section 4.1.5, but it is also important to consider where significant sources of stormwater are identified by the federal and state governments.

SCDHEC Bureau of Water requires jurisdictions with significant urban area to develop municipal stormwater management programs as part of EPA's Phase I and II stormwater requirements. The jurisdictions are termed Municipal Separate Storm Sewer Systems (MS4s). Within the Gills Creek Watershed, the following jurisdictions are MS4s: the SC Department of Transportation (SCDOT), Richland County, the City of Columbia, the Town of Arcadia Lakes, the City of Cayce, and the City of Forest Acres (Figure 4-4). Arcadia Lakes and Forest Acres are included under the Richland County MS4 permit. Of these jurisdictions, SCDOT is the only large MS4, while Richland County and the City of Columbia are designated medium MS4s. Large and Medium MS4s are required to address more elements under their stormwater programs than the other jurisdictions, which are designated as small MS4s. Large and Medium MS4s are also required to develop an individual stormwater permit to address the following:

- Structural control maintenance
- Areas of significant development or redevelopment
- Roadway runoff management
- Flood control related to water quality issues
- Municipal owned operations such as landfills, wastewater treatment plants, etc.
- Hazardous waste treatment, storage or disposal sites
- Application of pesticides, herbicides, and fertilizers
- Illicit discharge detection and elimination
- Regulation of sites classified as associated with industrial activity

- Construction and post-construction site runoff control
- Public education and outreach.

As noted in Section 4.1.5, stormwater runoff is likely to be a significant nonpoint pollutant source in the watershed. Stormwater runoff is likely to contain high concentrations of nutrients and sediment, and may also be a significant source of fertilizer and pesticides from golf courses, lawns, and other landscaping. Annual loads for construction can be calculated in the WTM; however, because it is so variable, it was not assigned a specific static number for the model. In general, given the soils in the overall HUC-10 Gills Creek Watershed, the WTM estimates that active construction annual loading is 4.65 lb/ac TN; 0.93 lb/ac TP; 3160.43 lb/ac TSS and no bacteria. Metals and other toxic substances in stormwater runoff can endanger aquatic life downstream of urbanized areas. Pet waste in residential areas is likely to be a significant source of bacteria within MS4s as well. The MS4 urbanized area in the watershed is shown in Figure 2-1 and encompasses a majority of the watershed, excluding the lower portion near the Congaree River and the upper, northeastern portion.

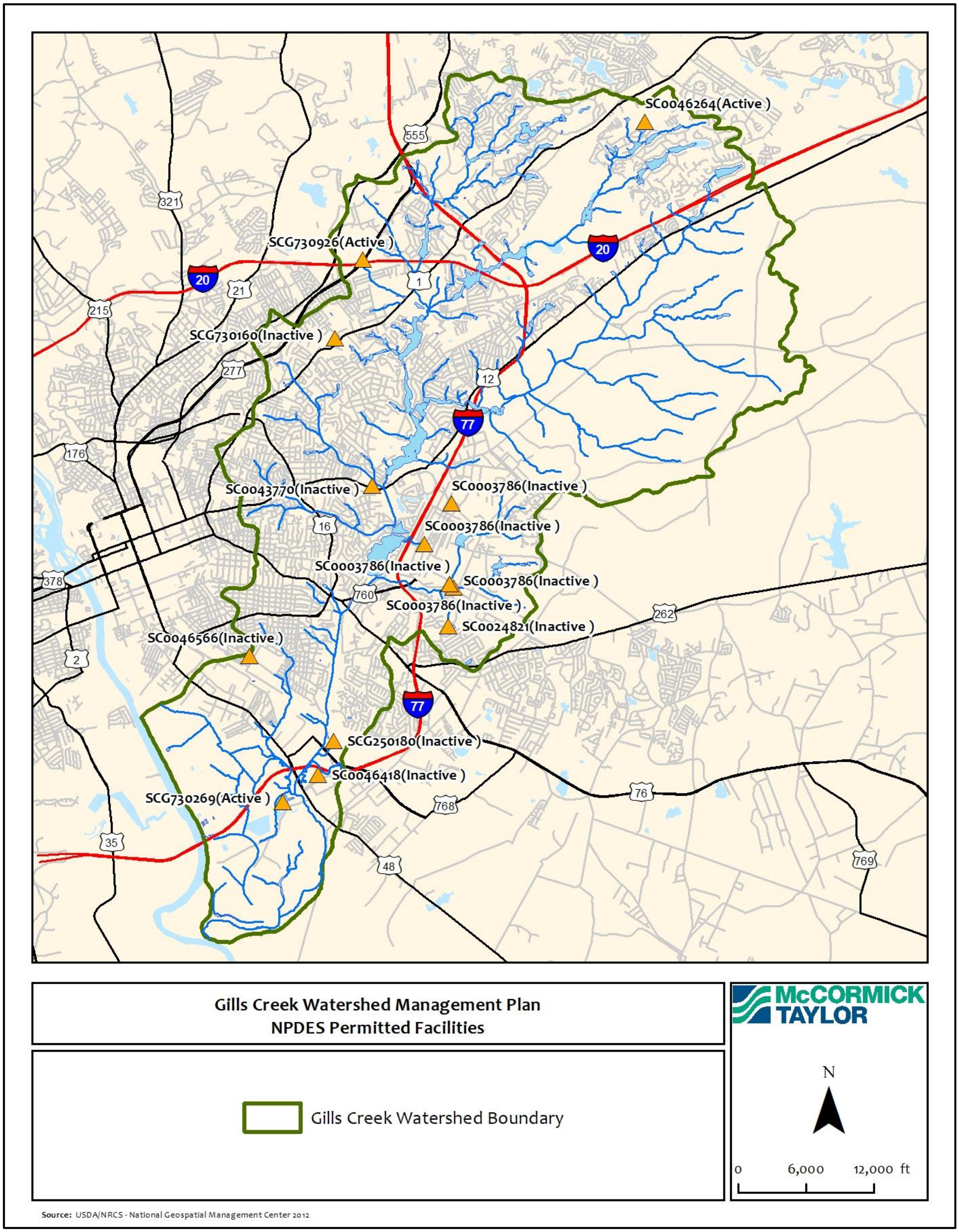


Figure 4-3: NPDES Permitted Facilities

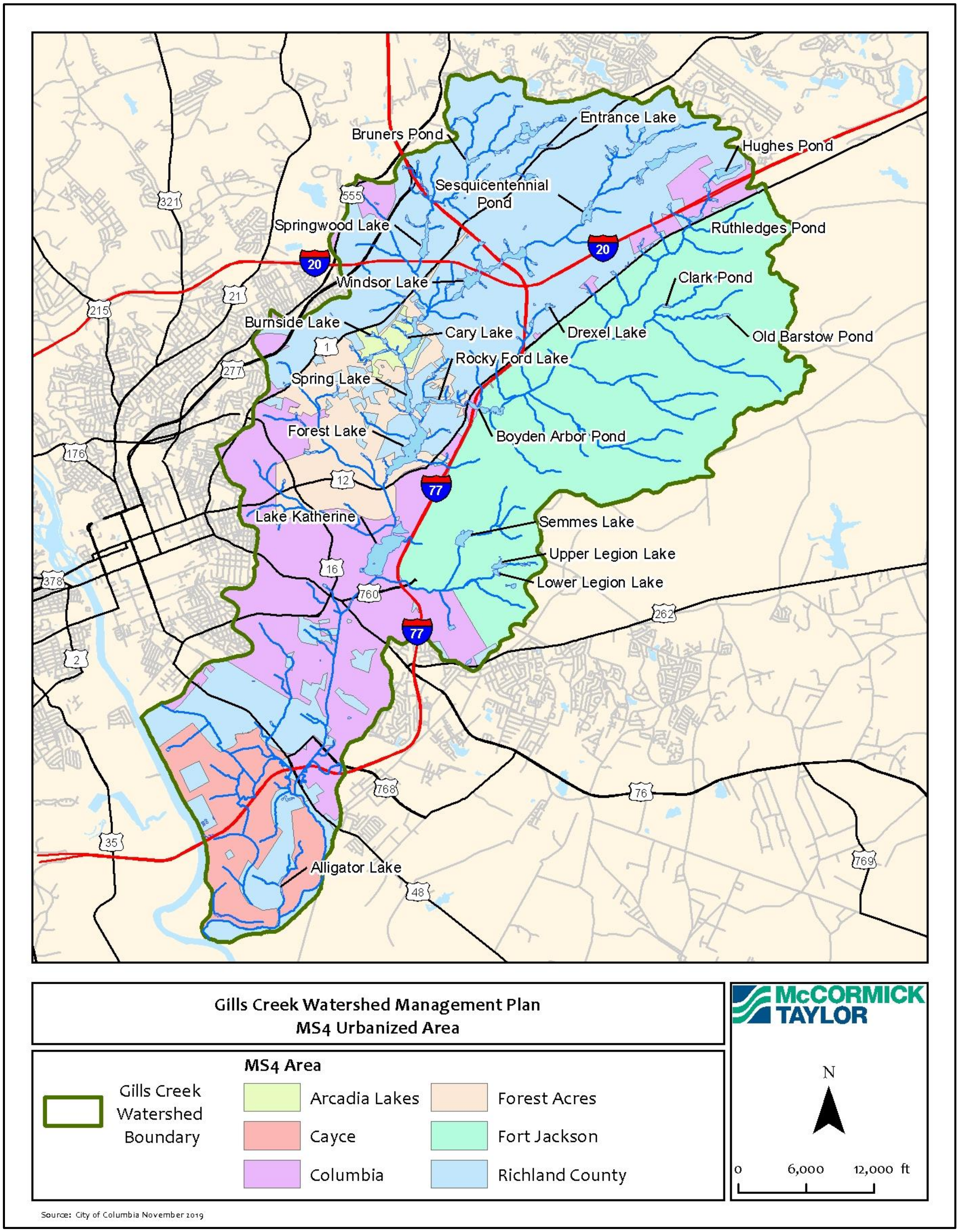


Figure 4-4: Urbanized Areas in Gills Creek Watershed

4.3 Hazardous Waste

4.3.1 CERCLA Sites

The EPA identifies uncontrolled or abandoned sites that contain hazardous waste under Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). These sites are commonly referred to as Superfund sites. According to the most recent information available from the EPA, no CERCLA, or Superfund, sites exist within the watershed.

4.3.2 RCRA Sites

Under the Resource Conservation and Recovery Act (RCRA), EPA identifies locations where hazardous wastes must be managed to protect against risks to human health. Improper handling and disposal of hazardous substances could result in contamination of surface waters.

The Gills Creek Watershed contains four RCRA sites as shown in Figure 4-5. Two of these sites are designated as Treatment, Storage, and Disposal (TSD) sites; these facilities are permitted to treat, store, and dispose of hazardous wastes. Disposal of hazardous wastes may occur at these permitted sites or may occur outside of the watershed and some of these facilities may be incinerators. The watershed also contains two RCRA sites designated as Formerly Used Defense (FUD) sites.

Toxic substance releases are reported annually by industrial facilities, some of which may not be regulated under RCRA. In the 2009 Gills Creek Watershed Management Plan, three RCRA sites were reported toxic releases to the EPA, and 14 non-RCRA facilities reported toxic releases to the EPA. All but three of these releases were reported in the lower portion of the watershed near and along State Route 48 (Bluff Road). For those RCRA facilities that have not reported releases, no known releases occurred at these sites; however, small releases may occur as a result of stormwater runoff.

4.3.3 Underground Storage Tanks

Underground Storage Tanks (USTs), which house petroleum or other hazardous substances, can be another potential source of toxic releases to soil and groundwater. Within the Gills Creek Watershed, 322 USTs are known to exist (Figure 4-6). The highest densities of USTs occur within dense urban areas and within Fort Jackson. Current GIS information obtained from SCDHEC does not record occurrences of leaks from these tanks. Leaks in these USTs could be contaminating soils and groundwater and may be impacting nearby streams and aquatic communities within the watershed.

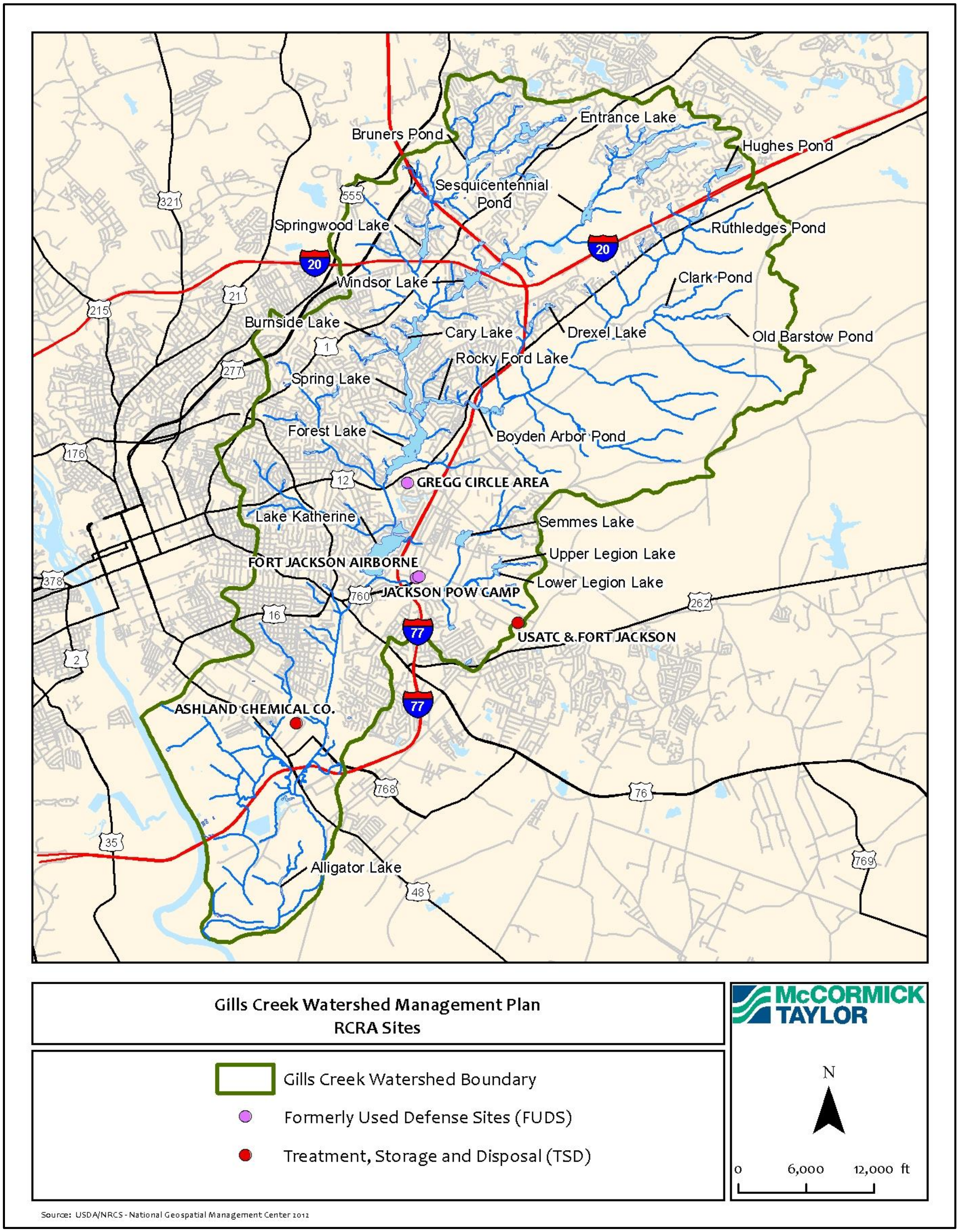


Figure 4-5: Resource Conservation and Recovery Act Sites

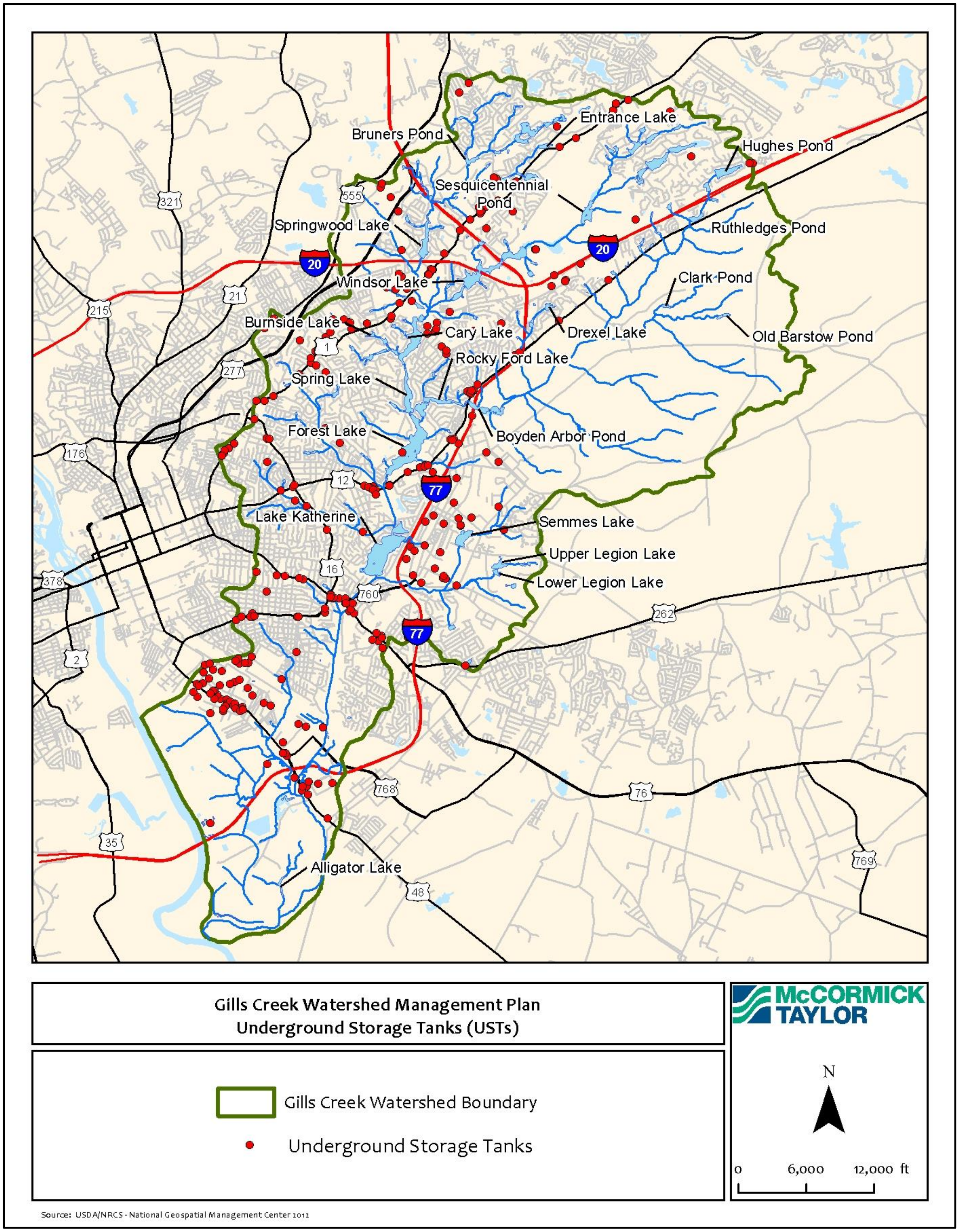


Figure 4-6: Underground Storage Tanks

4.3.4 Brownfields

Brownfields are sites where redevelopment may cause the release of hazardous substances or other pollutants. Locations of brownfields within the Gills Creek Watershed were assessed in 2011 by Fuss & O'Neil and 14 sites were identified. In 2019, students from the USC School of Law Environmental Law Clinic assessed this list of contaminated properties to prioritize a list of actions for the GCWA to take.

Table 4-4: Brownfield Sites Identified in the Gills Creek Watershed

Type	Site	Address	Status Description
Cleaned Up Properties	Columbia Organic Chemical	912 Drake St.	Groundwater contaminated with dioxins; EPA completed cleanup in 2008
	S.C. Tractor & Equipment Co.	7011 Garners Ferry Rd.	Leaking UST cleaned up; now Public Storage
	SEACO, Inc.*	2700 William H. Tuller Dr.	2014 voluntary cleanup; SCDHEC monitors for remnant contaminants
Cleaners	Burnette Cleaners	6320 Garners Ferry Rd.	Listed in priority group 3 of the SCDHEC Dry Cleaning Facility Restoration Trust Fund
	Arnolds Cleaners	400 Beltline Blvd.	No EPA or SCDHEC action; not listed as a priority of SCDHEC Dry Cleaning Facility Restoration Trust Fund
	Columbia Cleaners	4500 Trenholm Rd.	Currently operational. No EPA or SCDHEC action; not listed as a priority of SCDHEC Dry Cleaning Facility Restoration Trust Fund
Gas Stations	Circle K	6122 Garners Ferry Rd.	No EPA or SCDHEC action
	Corner Pantry	7850 Garners Ferry Rd.	No EPA or SCDHEC action
General Industry	Ruan Leasing	2332 Shop Rd.	Currently Peek Pavement Services. No EPA or SCDHEC action.
	Cardinal Chemical	2010 S. Beltline	2002 EPA cleanup of storage tanks containing organotin contaminated stormwater
	Sea Hunt Boats	2348 Shop Road	No EPA or SCDHEC action.
	Owens Steel	2405 S. Beltline Blvd.	No EPA or SCDHEC action.
	Intertape Polymer*	2000 S. Beltline	Potential lead contamination, historic cemetery, abandoned buildings. Potential site for EPA cleanup
	Dick Smith Motors*	4030 Beltline Blvd	Now Davis Paint & Body Towing Service. No EPA or SCDHEC action.
	Ashland Distribution	729 Mauney Dr.	Currently used for plastics manufacturing. No EPA or SCDHEC action.

**Projects identified as priorities for GCWA to secure EPA assessment grant funding*

4.4 Other Potential Pollutant Sources

4.4.1 SSOs and CSOs

Sanitary Sewer Overflows (SSOs) and Combined Sewer Overflows (CSOs) are sources of sediment, nutrients, bacteria, and toxins during storm events. These overflows are caused when surface water enters sewer systems beyond their designed flow capacity, causing the sewers to overflow and release raw sewage. During these events, the released sewage may enter nearby waterbodies and cause an acute increase in pollutant concentrations. SSOs involve sewers that are exclusively used to transport sanitary wastewater, whereas CSOs involve sewers that receive both stormwater runoff and sanitary wastewater. There are no combined sewer lines in Columbia, so there are no CSOs reported for this watershed.

Figure 4-7 illustrates the municipal sewer districts in the Gills Creek Watershed; in total there are 535.5 miles of sanitary sewer lines (including gravity and forcemain) connecting all the homes and business in the watershed to one of the three wastewater treatment plants located along the Congaree River at the bottom of the watershed. Figure 4-8 shows where SSOs have occurred in the Gills Creek Watershed and where releases have reached surface water (SCDHEC). The overflows do not appear to be concentrated in a single portion of the watershed. The locations that cause the most pollution to surface waters are likely those that occur directly adjacent to waterbodies, like the locations directly upstream of Lake Katherine.

4.4.2 Landfills

Landfills, mainly municipal and industrial, have been known to leach a number of pollutants into groundwater, including nutrients, heavy metals, and other substances. If streams are connected to groundwater near landfills, contaminated groundwater could degrade water quality and endanger aquatic communities. Landfills are required by the EPA to implement leaching controls and to monitor groundwater contamination.

Six landfills exist in the watershed (Figure 4-9). Two inactive landfills are located in the central portion of the watershed along the western ridgeline. These landfills contain construction and demolition waste. Among the two active landfills located in the lower portion of the watershed (near Interstate 77), one is used to dispose of industrial waste (ash, cardboard, paper, wood, fillers, resin, and crushed 55-gallon drums), and one is a City of Columbia composting facility. Two inactive landfills are located in the lower portion of the watershed: one municipal landfill and one industrial landfill.

The inactive construction and demolition waste landfills are not expected to have a significant impact on groundwater or downstream waterbodies. The greatest impacts to groundwater from landfills likely occur in the lower reaches of Gills Creek, downstream of the inactive municipal landfill and the three inactive/active industrial landfills. Leaching from these landfills, in combination with other sources of pollutants (hazardous waste sites, urban/suburban runoff, etc.), may have some impact on aquatic communities in Gills Creek. Sources related to hazardous waste and industry, in general, appear to be concentrated in the lower portion of the watershed near the intersection of Interstate 77 and State Highway 48 (Bluff Road). Although one single source may not have a significant impact, the cumulative impact of these sources may be leading to degradation in Gills Creek.

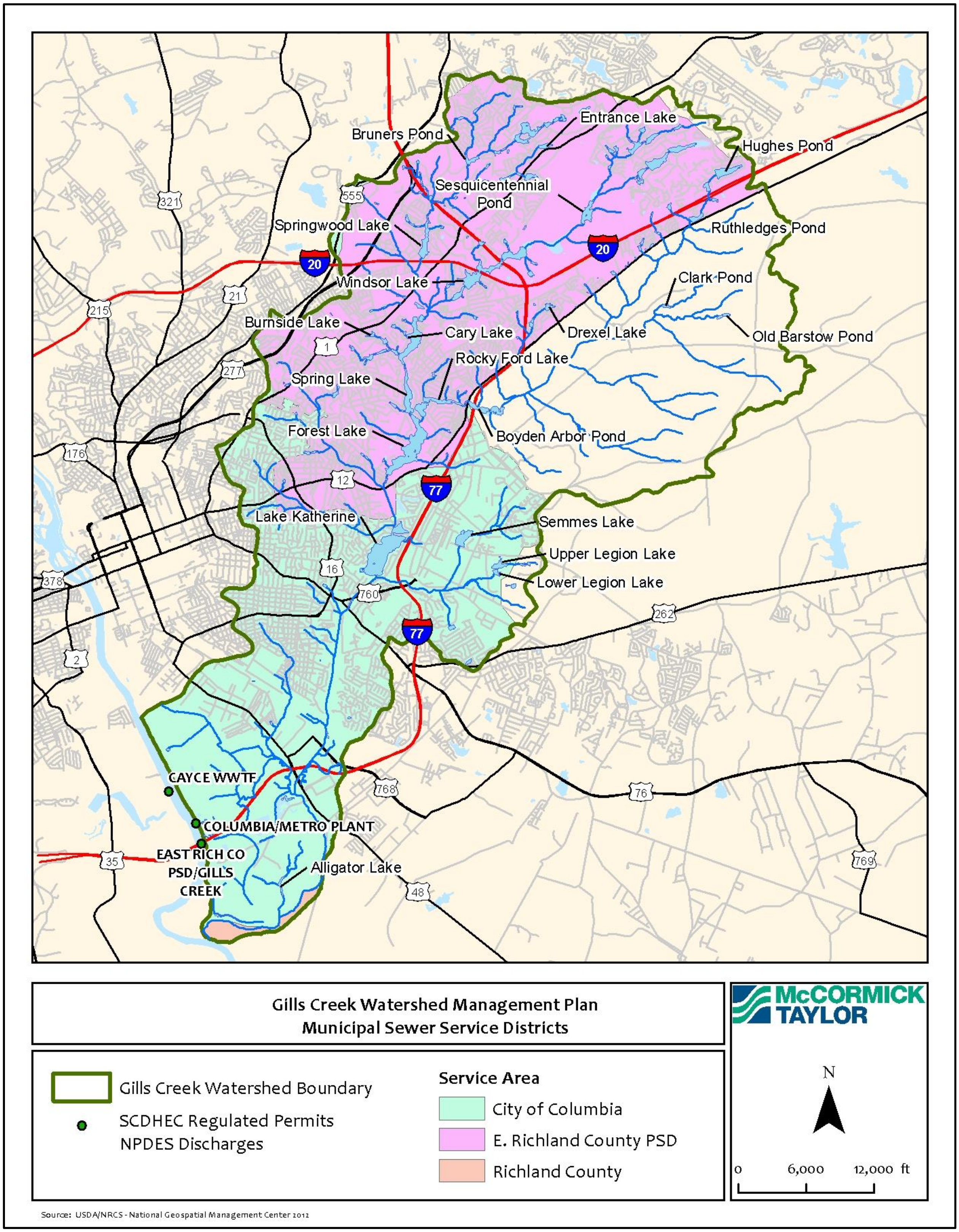


Figure 4-7: Municipal Sewer Service Districts

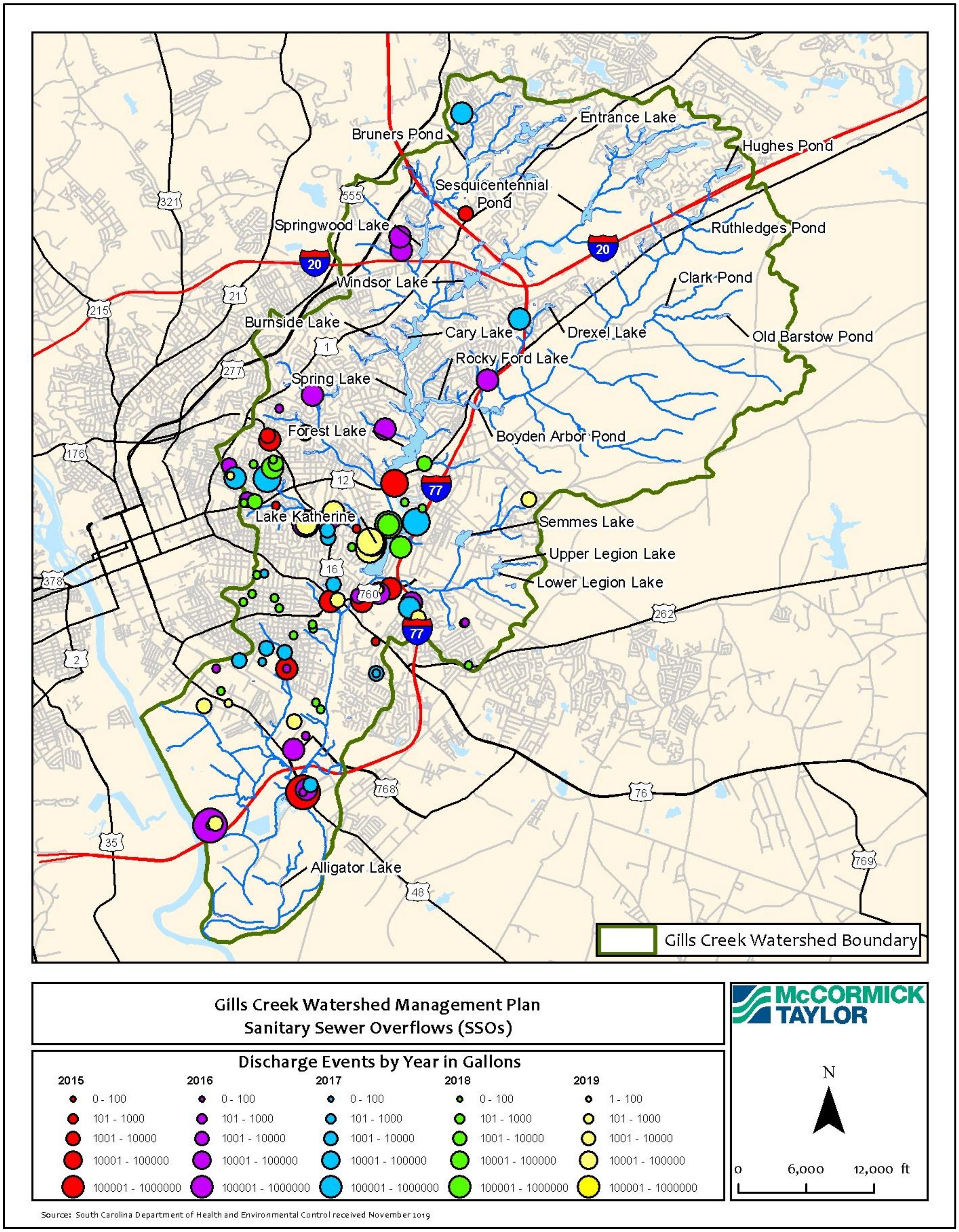


Figure 4-8: Sanitary Sewer Overflows in Gills Creek Watershed from 2015-2019

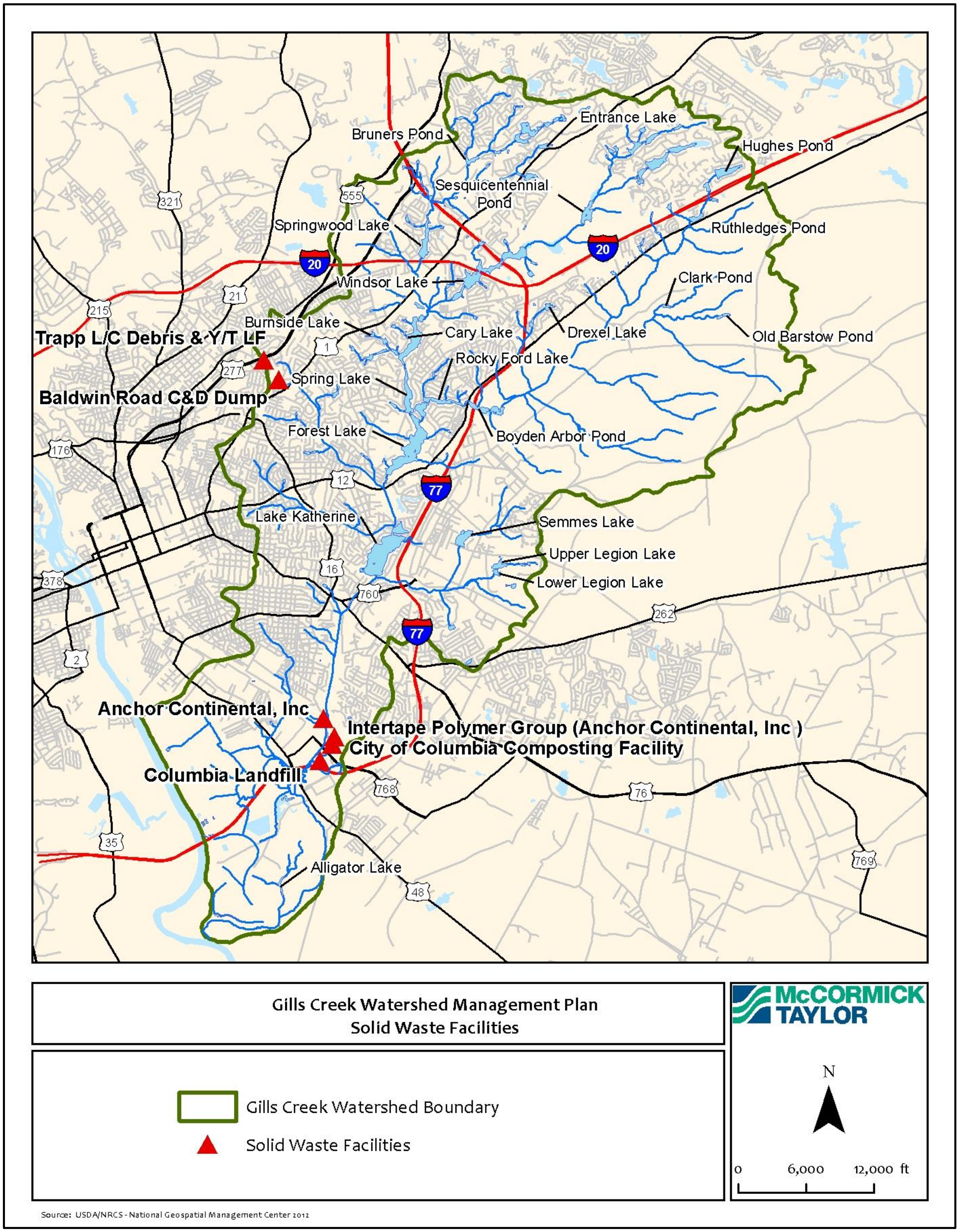


Figure 4-9: Solid Waste Facilities in the Gills Creek Watershed

4.4.3 Military Base Chemicals

Recently, there have been two types of harmful chemicals discovered in the groundwater at Fort Jackson. Nearly every military installation in South Carolina has the potential to be polluted with perfluorooctane sulfonate (PFOS) and perfluorooctanoic acid (PFOA), which are chemicals used in firefighting foam. The chemicals were released during accidents and fire training exercises (Brown, 2019). PFOS and PFOA are possibly linked to developmental issues, thyroid disorders, immune problems, and kidney and testicular cancer. Another documented chemical pollutant comes from hand grenades and rockets. The chemical, Royal Demolition Explosive (RDX), has been found in 31 wells on base, and there is potential for it to be in the drinking water of more than 100 other wells, including properties off-base (Fretwell, 2019). RDX can cause cancer and seizures in people who are exposed to high amounts. Since RDX was first discovered in 2014 at Ft. Jackson, there has been routine testing at wells on and off the base. Ft. Jackson is also working with the City of Columbia to protect people whose homes have polluted wells or lie in the path of the contaminated groundwater. Options for contaminated wells include connecting to the City of Columbia's water system, cleaning up the groundwater, or providing home filters.

There is the potential for other stormwater pollutants to be associated with activities conducted at hotspot facilities on the base, such as those related to vehicle repair, fueling, washing, storage, and parking (Berkeley County, 2011). These pollutants are summarized in Table 4-5 below.

Table 4-5: Stormwater Pollutants Associated with Vehicle Hotspot Activities

Hotspot Operation or Activity	Sediment	Nutrients	Metals	Hydrocarbons	Toxins	Others
Vehicle Repair	MIN	MIN	MAJ	MAJ	MAJ	
Vehicle Fueling	N	MIN	MAJ	MAJ	MAJ	
Vehicle Washing	MAJ	MAJ	MOD	MOD	MAJ	
Vehicle Storage	MIN	N	MOD	MAJ	MIN	Trash
Parking Lot Maintenance	MAJ	MIN	MOD	MOD	MOD	
Key: N = not a pollutant source; MIN = minor pollutant contribution; MOD = moderate pollutant contribution; MAJ = major pollutant contribution						

4.4.4 Pesticides

Pesticides have been mentioned above as potential watershed contaminants that originate from a number of land uses including agricultural, commercial, and residential areas. When herbicides are applied to streams or stream banks to control weed growth, pesticides may enter streams and lakes directly. Runoff from land where pesticides have been applied will carry pesticides into surface waters. Pesticides may also enter streams via groundwater. Since a number of sources are responsible for pesticide contamination, it is useful to consider how all sources impact contamination in the Gills Creek Watershed. Maluk (1999), a USGS study, sampled 16 sites throughout the watershed over a 4-day low-flow period in 1996. The following pesticides were most commonly detected:

- Tebuthiuron – an herbicide which is used to control weeds in non-cropland areas, right-of-ways, and industrial sites. Trade names include Spoke, Brush Bullet, Graslan, Perflan, and Scrubmaster.
- Diazinon – an insecticide which is used to control a variety of insects in residential areas, home gardens, and farms. Trade names include Knox Out, Spectracide, and Basudin.
- Atrazine – an herbicide which is used on weeds in cropland and industrial areas. Trade names include Guardsman Max, Prompt, Keystone, and Acuron.

In each of the 13 detections of Diazinon in the watershed, the pesticide exceeded the chronic criteria for the protection of aquatic life. Two other pesticides, dieldrin and carbaryl, were not the most common detected but were also detected at concentrations that exceed chronic criteria for aquatic life. Carbaryl (trade name Sevin), an insecticide, is currently used on a variety of land uses, including crops, forests, lawns, poultry, livestock, and pets. The EPA banned dieldrin (trade names include Alvit, Octalox, and Red Shield) from use in 1987, but this insecticide breaks down slowly and may be found in both surface and groundwater. Maluk (1999) also found that as the number of pesticides detected at a location increased, the percent of urban land use increased.

4.4.5 Stakeholder Hotspot Identification

As mentioned briefly in Section 4.1.6, stakeholders were engaged to provide feedback on a variety of watershed concerns utilizing a hybrid online survey and webmap. The survey received more than 200 individual responses, with almost two-thirds of responses coming from the Lower Gills Creek-Congaree River HUC-12 watershed (133), and Jackson Creek-Gills Creek (60). The most frequently cited concerns were sediment (81), litter (44), wildlife (25), and construction (22). Broken sewer lines (4) and dog walking (9) had the fewest responses.

4.5 Pollutant Loads

The existing and future pollutant loads for the watershed were estimated using the Center for Watershed Protection's Watershed Treatment Model (WTM) and is able to track sediment, nutrients, bacteria, and runoff volume on an annual basis. The model incorporates many simplifying assumptions that allow the watershed manager to assess various program and sources. The model has three components: pollutant sources, treatment options, and future growth. The pollutant sources component estimates the load from a watershed without treatment measures in place and takes into account primary (land use) and secondary sources (such as sewage treatment, nutrient concentration in stream channels, urban channel erosion). Treatment options include both structural (e.g. stormwater retrofit projects) and non-structural methods (education and management options, including turf management, erosion and sedimentation control, pet waste education, riparian buffers, and street sweeping). Descriptions of future practices and treatment options are included in Section 5.1, Management Strategies. Future conditions assume changes in both land use and treatment practices and give the user the flexibility to make changes quickly in a simple spreadsheet tool.

4.5.1 Pollutant Loads from Current Conditions

Table 4-6 provides overall estimates for the entire Gills Creek Watershed, as well as the three subwatersheds. More detailed breakouts of the pollutant loads for the overall HUC-10 watershed and each of the three HUC-12 subwatersheds are included in Table 4-7, 4-8, and 4-9. Note that the sum of the load estimates from the three sub-watersheds does not exactly equal the total for the HUC-10 because the distribution of soils and land use were different for each of the three subwatersheds as compared to the overall averages for the entire HUC-10 watershed.

Table 4-6: Current Pollutant Loads

	TN (lb/year)	TP (lb/year)	TSS (lb/year)	Fecal Coliform (billion/year)	Runoff Volume (acre-feet/year)
Gills Creek Watershed (HUC-10)	292,285.4	41,234.3	15,798,906.7	11,832,570.9	38,433.8
Jackson Creek-Gills Creek	87,123.6	11,931.9	4,560,625.1	3,879,134.1	12,421.7
Upper Gills Creek-Congaree River	59,532.6	8,099.8	3,517,854.5	1,627,934.6	5,729.8
Lower Gills Creek-Congaree River	142,280.1	20,650.1	7,675,081.6	6,303,768.9	20,100.3

In order to check if the WTM output is an accurate reflection of "real world" conditions, the WTM existing condition load calculation was compared to the published bacteria load in the TMDL for Gills Creek. The TMDL used a different model, Loading Simulation Program in C++ (LSPC) to calculate bacteria loads in CFU/day. LSPC is a complex modeling system that uses the Hydrologic Simulation Program Fortran (HSPF) algorithms for simulating hydrology, sediment, and general water quality on land, as well as a simplified stream transport model. The WTM model's baseline current conditions load for bacteria is 11,828,287.2 billion CFUs per year for the entire HUC-10 watershed (includes the three HUC-12 watersheds). This equates to 3.24×10^{13} CFU/day. The published current load for FC in the Gills Creek TMDL is $4.37\ \times10^{13}$ CFU/day. Although the WTM model output is a lower value than the LSPC output, it is still on the same order of magnitude. This suggests that the variables that were input into the WTM model are predicting bacteria loading accurately for the Gills Creek Watershed.

The sources that contribute to the current pollutant loadings in the overall HUC-10 watershed are illustrated in Figure 4-10 (a complete summary of sources and annual loads is found in Appendix C). The primary source of total nitrogen (TN) in the watershed is urban land (70%), and includes sources such as road and parking lot runoff, fertilizers, and pet waste. Forest accounts for 13% of the TN load, as a result of vegetative debris. Total phosphorus (TP) in the watershed is also most directly linked to urban sources, which contribute 65% of the load. Sediment, measured in the form of total suspended solids (TSS), can be attributed to channel erosion and urban land, which account for 49% and 37% of the load respectively. Note that active construction was not modeled in WTM and has the potential to be a significant sediment source as well. Construction sites without effective erosion and sediment control practices can release up to 6,600 pounds of sediment annually. Finally, urban lands (74%) and sanitary sewer overflows (SSOs, 22%) produce the most fecal coliform (FC) in the watershed. On-site disposal systems (OSDS, aka septic systems) are estimated to contribute the least amount of bacteria (0.04%) to the watershed: 18,873 billion CFUs a year. Likely sources of bacteria in urban areas include pet waste and runoff from impervious surfaces.

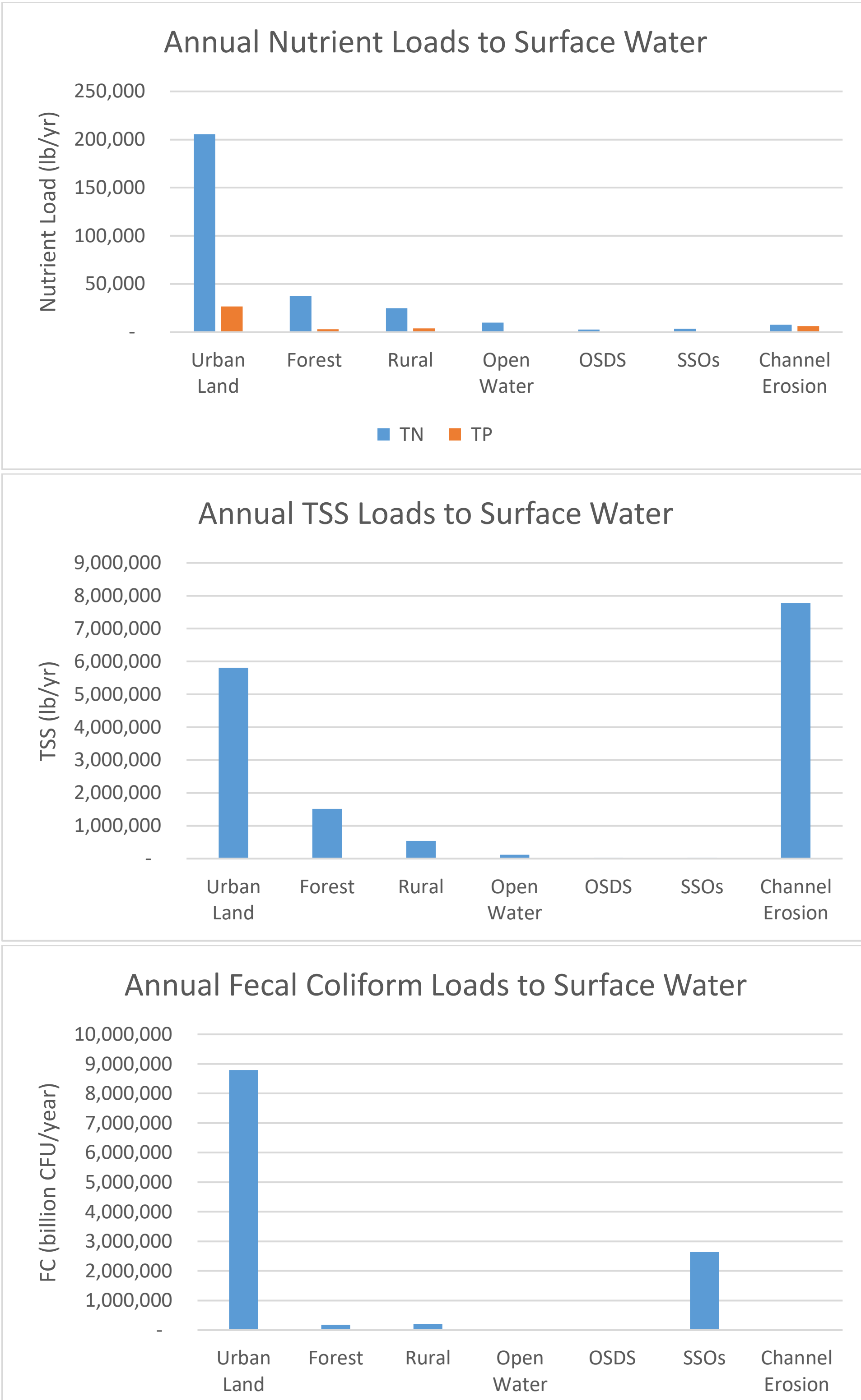


Figure 4-10: Source Contributions to Current Pollutant Loadings in the HUC-10 watershed

Tables 4-7, 4-8, and 4-9 summarize the pollutant loads associated with each land use as well as secondary sources (channel erosion and sanitary sewer overflows). The Lower Gills Creek HUC-12 Watershed has the highest TN, TP, TSS, and FC loads in the HUC-10 watershed. In general, Low Density Residential (LDR) land uses contribute the most pollutant loads for TN, TP, TSS, and FC in all three of the HUC-12 watersheds. This is likely a reflection of the fact that LDR was the largest land use type (about 40% of total area) for two of the three HUC-12 subwatersheds. LDR development is estimated to be about 20-49% impervious cover, which generates large volumes of stormwater runoff. The only exception is in the Upper Gills Creek HUC-12, where forest land use contributes the most TN and TSS; this is logical given the large forested area within Fort Jackson would produce leaf litter and other debris from vegetation. Channel erosion produces more pollutants in the Lower Gills Creek HUC-12 Watershed, mainly as result of having more stream length in that watershed (62 in LGC; 41 in UGC; and 39 in JC-GC). Similarly, the Lower Gills Creek Watershed had the largest SSO loads due to the fact that this watershed has the longest lengths of sanitary sewer (298 miles) compared to Jackson Creek-Gills Creek (181 miles) and Upper Gills Creek (73 miles). The results of the WTM pollutant load calculations reflect what the current 303(d) list already states about water quality: Lower Gills Creek and Jackson Creek-Gills Creek each have multiple water quality impairments for bacteria and dissolved oxygen, whereas Upper Gills Creek has the lowest overall pollutant loadings and no listed streams on the current 303(d) list.

Table 4-7: Current Pollutant Loads in the Jackson Creek-Gills Creek HUC-12 Watershed

030501100201	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion/yr)	Runoff Volume (ac-ft)
Primary Sources:					
LDR	**25,953.3**	**3,831.2**	**605,577.0**	**1,126,502.3**	**4,557.0**
MDR	6,409.8	946.2	149,562.4	278,217.9	1,125.5
HDR	1,188.2	175.4	27,724.6	51,573.7	208.6
Commercial	25,439.8	2,665.1	520,909.8	1,104,213.0	4,466.9
Roadway	9,963.6	1,083.0	580,486.1	394,862.4	1,597.3
Industrial	-	-	-	-	-
Forest	7,182.5	574.6	287,300.0	34,476.0	375.2
Rural	3,210.8	488.6	69,800.0	27,222.0	91.2
Open Water	4,377.6	171.0	53,010.0	-	-
Total:	83,725.6	9,935.1	2,294,369.9	3,017,067.3	12,421.7
Secondary Sources:					
SSOs	1,139.3	189.9	7,595.3	862,066.8	-
Channel Erosion	2,258.7	1,806.9	2,258,659.9	-	-
Total:	3,398.0	1,996.8	2,266,255.2	862,066.8	-
Total Existing Load:	87,123.6	11,931.9	4,560,625.1	3,879,134.1	12,421.7

Table 4-8: Current Pollutant Loads in the Upper Gills Creek HUC-12 Watershed

030501100202	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion/yr)	Runoff Volume (ac-ft)
Primary Sources:					
LDR	12,899.4	**1,904.2**	300,985.2	**559,896.6**	**2,265.0**
MDR	3,368.6	497.3	78,601.2	146,215.0	591.5
HDR	846.8	125.0	19,757.7	36,753.6	148.7
Commercial	3,556.2	372.6	72,818.1	154,358.2	624.4
Roadway	4,901.0	532.7	285,535.9	194,229.3	785.7
Industrial	-	-	-	-	-
Forest	**20,390.0**	1,631.2	**815,600.0**	97,872.0	1,034.3
Rural	10,162.8	1,546.5	220,930.0	86,162.7	280.2
Open Water	1,236.5	48.3	14,973.0	-	-
Total:	57,361.2	6,657.7	1,809,201.1	1,275,487.4	5,729.8
Secondary Sources:					
SSOs	465.8	77.6	3,105.3	352,447.2	-
Channel Erosion	1,705.5	1,364.4	1,705,548.1	-	-
Total:	2,171.3	1,442.1	1,708,653.4	352,447.2	-
Total Existing Load:	59,532.6	8,099.8	3,517,854.5	1,627,934.6	5,729.8

Table 4-9: Current Pollutant Loads in the Lower Gills Creek HUC-12 Watershed

030501100203	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion/yr)	Runoff Volume (ac-ft)
Primary Sources:					
LDR	**48,489.32**	**7,157.95**	**1,131,417.39**	**2,104,677.46**	**8,514.07**
MDR	13,285.75	1,961.23	310,000.87	576,667.68	2,332.80
HDR	5,102.09	753.17	119,048.67	221,455.89	895.86
Commercial	23,123.46	2,422.46	473,480.29	1,003,672.98	4,060.17
Roadway	16,730.94	1,818.58	974,758.89	663,057.49	2,682.27
6Industrial	3,939.53	447.67	145,046.24	163,222.58	660.29
Forest	10,234.50	818.76	409,380.00	49,125.60	592.13
Rural	11,536.80	1,755.60	250,800.00	97,812.00	362.76
Open Water	4,157.44	162.40	50,344.00	-	-
Total:	136,599.8	17,297.8	3,864,276.3	4,879,691.7	20,100.3
Secondary Sources:					
SSOs	1,882.0	313.7	12,546.9	1,424,077.2	-
Channel Erosion	3,798.3	3,038.6	3,798,258.3	-	-
Total:	5,680.3	3,352.3	3,810,805.3	1,424,077.2	-
Total Existing Load:	142,280.1	20,650.1	7,675,081.6	6,303,768.9	20,100.3

4.5.2 Pollutant Loads from Future Conditions

Assuming the most intense development allowed by current zoning continues (Figure 4-11), the Gills Creek Watershed will see a shift in current land use (from Figure 2-12) from predominantly forest and low-density residential to commercial and high density residential. This would result in large predicted increases in pollutant loadings, as summarized in Table 4-8 below. To improve current pollutant loads and also mitigate for future impacts, a variety of management strategies have been evaluated.

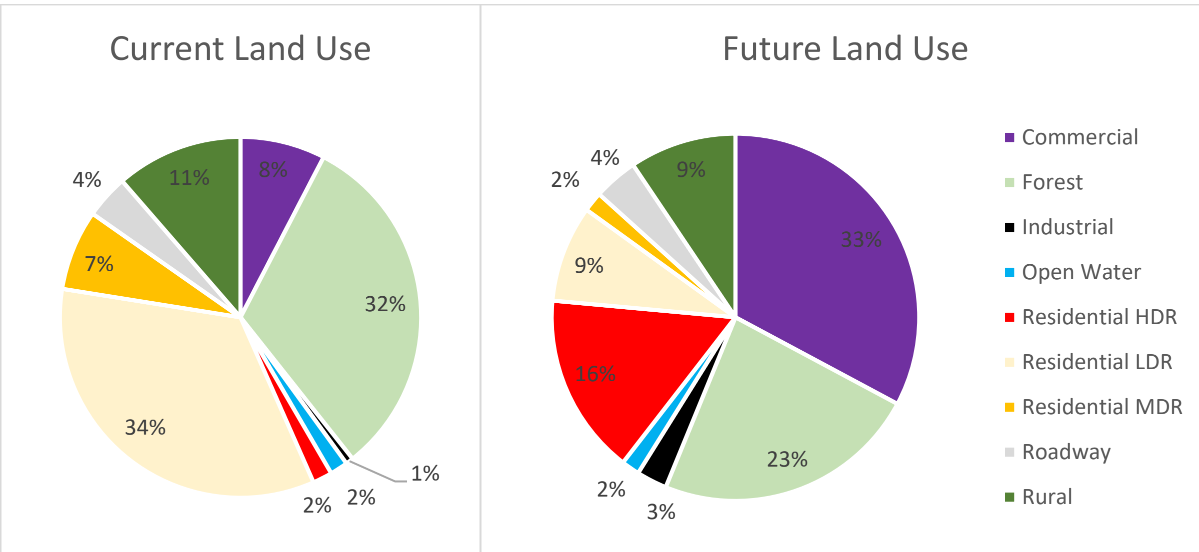


Figure 4-11: Current Conditions compared to Future Conditions (without BMPs)

Table 4-10: Potential Pollutant Load Increases due to Land Use Changes

	TN (lb/year)	TP (lb/year)	TSS (lb/year)	Fecal Coliform (billion/year)	Runoff Volume (acre-feet/year)
Existing Load	292,285.41	41,234.34	15,798,906.74	11,832,570.89	38,433.81
Future Load Including New Development	435,455.5	55,135.5	18,660,953.8	17,947,484.3	65,509.8
Load Change from Existing	49%	34%	18%	52%	70%

Table 4-12 summarizes the pollutant loadings associated with each primary and secondary source in the future conditions of the watershed. The potential land use changes as a result of future land use indicates that commercial development could be the largest primary pollutant load source in the Gills Creek HUC-10 watershed. Stream channel erosion will be the largest secondary pollutant source.

Table 4-11: Potential Future Pollutant Load Sources in the Gills Creek HUC-10

0305011002	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion/yr)	Runoff Volume (ac-ft)
Primary Sources:					
LDR	21,839.59	3,206.93	509,617.44	947,992.36	3,836.14
MDR	5,575.70	820.20	130,030.71	241,884.46	978.30
HDR	64,893.69	9,596.95	1,514,490.75	2,817,239.19	11,399.56
Commercial	**224,846.13**	**23,486.71**	**4,602,612.88**	**9,756,537.20**	**39,470.73**
Roadway	31,633.81	3,436.44	1,843,398.74	1,253,928.72	5,072.62
Industrial	15,446.44	1,754.69	568,790.08	640,066.55	2,589.35
Forest	27,873.27	2,229.86	1,114,930.68	133,791.68	1,542.32
Rural	20,644.73	3,141.59	448,798.51	175,031.42	620.84
Open Water	9,765.68	381.47	118,256.23	-	-
Total:	422,519.0	48,054.9	10,850,926.0	15,966,471.6	65,509.85
Secondary Sources:					
OSDS	2,547.87	424.65	16,985.83	3,855.34	-
SSOs	2,612.98	435.50	17,419.89	1,977,157.4	-
Channel Erosion	7,775.62	6,220.50	7,775,622.0	-	-
Total:	12,936.5	7,080.6	7,810,027.7	1,981,012.7	-
Total Future Load:	**435,455.5**	**55,135.5**	**18,660,953.8**	**17,947,484.3**	**65,509.8**

5.0 Implementation Plan

The Implementation Plan includes a description of the recommended management strategies and restoration projects, and provides an estimation of the water quality benefits that would be realized from plan implementation. This section includes cost estimates for strategy implementation, identifies potential funding sources and partners, and describes monitoring programs to document plan implementation and changes in the watershed condition over time.

5.1 Management Strategies

To address the watershed impacts described in Chapter 4, a list of 272 potential projects was developed through a collaborative process with the stakeholder hotspot webmap, conversations with the Gills Creek Watershed Association, and recommendations from the GCWA Technical Committee members. These projects will address flooding, excessive stream bank erosion, litter, degraded stream habitat, sediment accumulation in lakes, and a lack of riparian or stream-side vegetation. From that initial list, McCormick Taylor evaluated and ranked 256 individual stormwater management strategies for applicability and implementation in the Gills Creek Watershed. The results are presented here and generally fall into four categories.

Restoration Projects are defined as those projects with a specific setting, typically located on one property, which may require the design and construction of a particular treatment method such as the installation of a stormwater management facility. Three types of restoration projects are listed below.

- Retrofit Projects are mostly the addition of structural stormwater best management practices (BMPs) on properties which may or may not have other stormwater BMPs. Stormwater BMPs include green roofs (GR), low impact development (LID, mostly bioretention or permeable pavement), underground detention practices (UD), wet ponds (WP), and constructed stormwater wetlands (WET).
- Stream Restoration Projects (SR) are located on a variety of channels that carry stormwater and baseflow in the watershed, including blue-line streams (indicated on a USGS topographic map), concrete channels, and drainage ditches. These potential projects were identified by stakeholders as areas of significant erosion or as potential areas for daylighting streams that have been redirected to pipes underground.
- Shoreline stabilization projects (SH) were identified by stakeholders in areas of significant erosion along Windsor Lake, Carys Lake, and Lame Horse Pond.

Conservation Properties are identification of areas where conservation easements or property purchases for environmental conservation would direct development away from vulnerable, low-lying areas. Practices in these areas would encourage protecting or enhancing the riparian buffer and increasing hydrologic connection to the floodplain.

Municipal Programs are programs that are typically implemented by a local municipality, such as street sweeping and illicit discharge detection; however, some may be implemented by citizen groups and volunteers.

Community-wide Programs include education and outreach activities and implementation of dispersed programs that involve many community members such as litter pick-ups, invasive species removal field days, or a rain barrel workshop to distribute rain barrels and inform homeowners of their use and impact on watershed health. The MS4 communities in the Gills Creek Watershed have programs in place that fulfill Minimum Control Measures 1 and 2 (Public Education & Outreach, and Public Involvement & Participation) of their MS4 permit.

5.1.1 Retrofit Projects

Stormwater retrofit projects include many types of projects that capture and treat stormwater runoff from impervious surfaces in existing development. The WTM model estimates that the two largest pollutant sources in the Gills Creek HUC-10 watershed are low density residential and commercial areas, which each contribute 87,621 and 52,135 lb/yr of TN; 5,466 and 12,934 lb/yr of TP; 1,068,479 and 2,044,509 lb/yr of TSS; and 2,264,939 and 3,803,223 billion CFU/yr of bacteria, respectively. The initial list of proposed projects includes a total of 239 BMPs that are proposed to capture an area of 3,690 acres with treatment of runoff from approximately 1,940 acres of impervious surface. The locations of the BMPs were selected to address likely pollutant sources and stakeholder concerns. For example, more than half of all potential projects (149) are suggested for the Lower Gills Creek HUC-12 because it had the largest pollutant loadings overall (as a result of runoff from its predominant land uses: low density residential and commercial) and the most stakeholder responses (133, mostly related to sediment). The Jackson Creek-Gills Creek watershed has 111 suggested projects and the Upper Gills Creek Watershed had 12 suggested projects, mostly LID projects in residential areas.

A general note about maintenance: In order to support water quality goals and ensure long-term effectiveness of any stormwater retrofit project, maintenance is essential. Maintenance activities range in time (seasonal vs. yearly tasks), degree of effort required (simple activities volunteers can accomplish such as litter removal to more difficult tasks that professionals should undertake), and cost. Education and outreach are essential parts of a successful maintenance program. Maintenance responsibilities should be clearly described and adequately enforced. Agreements should be put in place that assign long-term responsibility for funding and performing maintenance for each project. The SCDHEC *BMP Handbook* (available at https://www.scdhec.gov/environment/bureau-water/stormwater/bmp-handbook) is a good reference for maintenance specifications for stormwater BMPs. For specific maintenance checklists for different practice types, please refer to Appendix F in *Low Impact Development in Coastal South Carolina: A Planning and Design Guide* (Ellis et al., 2014).

Green roofs (GR) capture and store rainfall in an engineered growing media that is designed to support plant growth. A portion of the rainfall evaporates or is transpired by the plants, which reduces runoff volumes, peak runoff rates, and pollutant loads. Proper plant species selection can make supplemental irrigation and fertilization unnecessary after vegetation is established. Green roofs are a good option for urban use (such as the commercial areas in the Lower Gills Creek and Jackson Creek-Gills Creek HUC-12 watersheds) because they help reduce pollutant loads and runoff volumes without consuming valuable land. Green roofs are not usually designed to provide stormwater detention of large storms, and should be combined with a separate facility to provide the necessary volume control. The use of extensive green roof systems (3-6 inches deep) should be considered before more complex and expensive intensive systems (6-48 inches deep). In this watershed plan, the Project Team identified 50 sites for potential GR practices that would treat 47.1 acres of impervious surfaces and have a combined load reduction of 323.4 lb/yr of TN; 43.0 lb/yr of TP; 9,380.2 lb/yr of TSS; 13,821.6 billion CFUs of bacteria; and 56.2 ac-ft of runoff reduction per year. Please see Appendix D for specific load reductions for each specific potential project.

This watershed management plan recommends two types of **Low impact development (LID)**: bioretention and permeable pavement. **Bioretention cells** are planting areas installed in shallow basins in which the stormwater runoff is temporarily ponded and then treated by filtration through soil media and the biological and biochemical reactions within the soil matrix and plant root zones. The bioretention areas are designed to capture and temporarily store stormwater runoff in the engineered soil media, where it is subjected to the hydrologic processes of evaporation and transpiration, before being conveyed back into the storm drain system through an underdrain or allowed to infiltrate into the surrounding soils. As a result, bioretention can be applied in most soils or topography and in many types of land uses (from rural to suburban to urban), making it a flexible option for all three HUC-12 watersheds. The engineered soil media is comprised of sand, soil, and organic matter. For more information, see Section 4.2 *Bioretention* in *Low Impact in Coastal South Carolina: A Planning and Design Guide*.

Permeable pavement is a type of paving surface that captures and temporarily stores stormwater by filtering the runoff through voids in the pavement surface into an underlying stone reservoir. This filtered runoff can be collected and returned to the conveyance system or allowed to partially infiltrate into the underlying soil. This type of BMP is particularly well suited for use on urban development sites and in low traffic areas, such as overflow parking lots. Permeable pavement systems can provide measurable reductions in stormwater runoff rates, volumes, and pollutant loads. However, one drawback of these systems is their relatively high construction and maintenance costs. For more information, see Section 4.3 *Permeable Pavement Systems* in *Low Impact in Coastal South Carolina: A Planning and Design Guide*.

In this watershed plan, the Project Team identified 118 sites for potential LID practices that would treat a total of 485 acres of impervious surfaces and have a combined load reduction of 4,727 lb/yr of TN; 724 lb/yr of TP; 119,818 lb/yr of TSS; 176,228 billion CFUs of bacteria per year. They would also have a runoff reduction credit of 408 ac-ft per year. Please see Appendix D for specific load reductions for each specific potential project.

Underground detention practices (UD) are constructed from vaults or tanks. Detention vaults are box-shaped underground stormwater storage facilities typically constructed with reinforced concrete. Detention tanks are underground storage facilities typically constructed with large diameter concrete or plastic pipe. Both serve as an alternative to surface dry detention for stormwater quantity control, particularly for space-limited areas (such as the commercial areas at the Decker Mall or the National Guard facilities) where there is not adequate land for a dry detention basin or multi-purpose detention area. Prefabricated concrete vaults are available from commercial vendors. In addition, several pipe manufacturers have developed packaged detention systems. UD systems reduce pollutants (chiefly sediment and phosphorus that is adsorbed to particles) by providing time and space for particles to settle out of the water column. Many come with a pre-treatment chamber to collect trash. Generally, these practices provide relatively low TN removal (because nitrogen is dissolved in the water and does not settle out like larger particles), and the WTM assumes no bacteria removal. However, other sources such as SCDHEC (2005 BMP Handbook) indicate it is possible for UD systems to remove 10-60% bacteria if underlying soils support infiltration or other proprietary filtering systems are added. In this watershed plan, the Project Team identified 24 sites for potential UD practices that have a combined load reduction of 150.4 lb/yr of TN; 51.3 lb/yr of TP; and 8,211.5 lb/yr of TSS. Please see Appendix D for specific load reductions for each specific potential project.

Wet ponds (WP) are stormwater detention practices that are widely applicable to most land uses and are best suited for large drainage areas (10-25 acres). They typically consist of a permanent pool, micropool, or shallow marsh that promotes settling of suspended sediments and biological uptake of nutrients. Runoff from each new storm enters the pond and displaces pool water from previous storms. They can be attractive amenities in development and simultaneously provide wildlife habitat. Generally, they have low construction and maintenance costs. For more information, see Section 4.11 *Wet Detention Ponds* in *Low Impact in Coastal South Carolina: A Planning and Design Guide*. In this watershed plan, the Project Team identified 20 sites for potential WP practices that treat runoff from 1,007 acres of impervious surfaces. These ponds have a combined load reduction of 6,192 lb/yr of TN; 2,261 lb/yr of TP; 344,423 lb/yr of TSS; and 425,076 CFUs of bacteria. Please see Appendix D for specific load reductions for each specific potential project.

Stormwater wetlands (WET), sometimes referred to as constructed wetlands, are shallow vegetated depressions that receive stormwater inputs for water quality treatment. Like wet ponds, the runoff from each new storm displaces the runoff stored in the wetland from previous storms. Stormwater wetlands provide moderate to high pollutant removal through biological uptake, gravitational settling, and microbial activity. An advantage of stormwater wetlands is that they can operate effectively in poor soils (HSG C and D) and provide wildlife habitat. For more information, see Section 4.12 *Stormwater Wetlands* in *Low Impact in Coastal South Carolina: A Planning and Design Guide*. In this watershed plan, the Project Team identified 11 sites for potential WET practices that treat runoff from 187 acres of impervious surfaces. These ponds have a combined load reduction of 2,113 lb/yr of TN; 669 lb/yr of TP; 81,182 lb/yr of TSS; and 110,458 CFUs of bacteria. Please see Appendix D for specific load reductions for each specific potential project.

Table 5-1 summarizes the typical runoff reduction and pollutant removal efficiencies for the stormwater retrofit practices in this management plan. The Watershed Treatment Model evaluates the treatment efficiencies of a suite of stormwater treatment practices based on a combination of runoff reduction (volume reduction) and filtering (concentration reduction) to produce a load reduction. The term “runoff reduction” is used to describe the retention of the stormwater on site. Runoff reduction is defined as “the total annual runoff volume reduced through canopy interception, soil infiltration, evaporation, transpiration, rainfall harvesting, engineered infiltration, or extended infiltration” (Hirschman, 2008). If a BMP is effective at runoff reduction or retention of stormwater, it is similarly effective at removal of the initial volume of suspended solids (NCDEQ, 2017). Note that stormwater ponds, stormwater wetlands, and underground detention practices are not given credit for runoff reduction because they temporarily store runoff and then discharge gradually over time to reduce peak flows; they still have value for water quality purposes.

Table 5-1: Pollutant Removal Efficiencies of Structural BMPs

BMP	Estimated Pollutant Removal Efficiencies[1]				
	TSS	TN	TP	Bacteria	Runoff Reduction
Bioretention	50%	60%	50%	50%	40-80%
Permeable Pavement	25%	25%	25%	0%	45-75%
Green Roof	80%	45%	45%	45%	60%
Underground Detention[2]	10%	5%	10%	10%	0%
Stormwater (Wet) Ponds	85%	40%	75%	70%	0%
Stormwater Wetlands	85%	55%	75%	80%	0%

1. information obtained from Watershed Treatment Model 2013 Documentation (Caraco, 2013)
2. Underground detention was modeled as a dry pond in WTM

Stream restoration projects (SR) are located on a variety of channels that carry stormwater and baseflow in the watershed, including blue-line streams (indicated on a USGS topographic map), concrete channels, and drainage ditches. These potential projects were identified by stakeholders as areas of significant erosion or as potential areas for daylighting streams that have been redirected to pipes underground. The WTM calculates an existing pollutant load of 7,775.6 lb/yr of TN, 6,220.5 lb/yr of TP, and 7,775,622.0 lb/yr of TSS for the entire HUC-12 watershed.   A total of 29 stream restoration projects spanning nine miles of channels were included on the initial proposed project list. These projects will provide a load reduction of 439 lb/yr of TN, 351 lb/yr of TP, and 438,545 lb/yr of TSS. **Shoreline stabilization Projects** (SH) were identified by stakeholders in four sections of significant erosion along Windsor Lake, Cary's Lake, and Lame Horse Pond. These projects are estimated to provide reductions of 63 lb/yr of TN, 50 lb/yr of TP, and 62,703 lb/yr of TSS. Specific load reductions for individual SR and SH projects are included in Appendix D.

5.1.2 Conservation Properties

One of the other goals of the Gills Creek Watershed Association is to protect and enhance natural habitats in the entire HUC-10 watershed area. Although pollutant load and runoff reductions are not usually the reason behind land conservation, it is possible to estimate reduction in existing loadings (conversion from developed to more vegetation) or prevention of future loadings (maintaining current undeveloped land use where zoning would permit development) in WTM based on land use. For the properties listed in Table 5-2, there is a benefit for keeping existing forested areas and riparian buffers in place. A few properties (FP5-a, FP5-b, FP-7, and FP-9) will represent urban downsizing – the conversion of developed areas back to parks, open space, and floodplains. In total, these 16 conservation properties are estimated to provide load reductions of 6,274 lb/yr TN; 1,265 lb/yr of TP; 152,046 lb/yr of TSS; and 245,197 billion CFUs of bacteria.

Table 5-2: Potential Conservation Properties in the Gills Creek Watershed

Project	Location	Ownership	Comment
CP-1	Roseberry Property	large private tract	conservation opportunity; not connected to floodplain
FP-2	Lower watershed conservation area	major private easements	large floodplain area
FP-3	future Palmetto Baseball League fields	major private easements	large floodplain area
FP-4	Intertape Polymer dam removal	private	protection and restoration
FP-5	S. Beltline to Crowson Rd.	mix of private and public	large floodplain area
FP-5a	Timberlane Dr.	private	purchase 3 lots for conservation
FP-5b	Gills Creek Pkwy/S Beltline Blvd.	private	purchase 4 lots for conservation
FP-6	N. Beltline/Falcon Drive parcel	public, City of Forest Acres	keep in conservation, allow for restoration of Pen Branch
FP-7	3 parcels at Belmont Dr/Orphanage Branch	public	FEMA buyout
FP-8	Timmerman School; two undeveloped parcels adjacent to Eightmile Branch	private	protect existing forested/undeveloped area adjacent to creek
FP-9	FEMA buyout parcel R14002-11-05	public, City of Columbia	FEMA buyout
FP-10	Arcadia Lakes Dr.	private	conserve areas near dam for floodplain protection
FP-11	Jackson Creek/Little Jackson Creek	mix of private and public	conserve floodplain areas
FP-12	Cary's Lake/E. Richland PSD	public	add veg buffer on underused part of property
FP-13	7325 Two Notch Road/Little Jackson Creek	private	Protect/enhance riparian buffer
FP-14	Little Jackson Creek	private	protect/enhance riparian buffer

All Restoration Practices and Conservation Properties are shown in Figures 5-1 through 5-5 below. More detailed descriptions and maps are provided for the Conservation Properties in Appendix G. The overall pollutant reductions, cost estimates, and ranking information for all potential projects (conservation, stream restoration, shoreline restoration, and stormwater retrofits) are included in Appendix D; Appendix E is provided to show the ranking of all projects within each HUC-12 watershed, with the Top 10 projects for each HUC-12 watershed highlighted (green for JC-GC; red for UGC; and purple for LGC). These Top 10 projects are described in more detail in Appendix F.

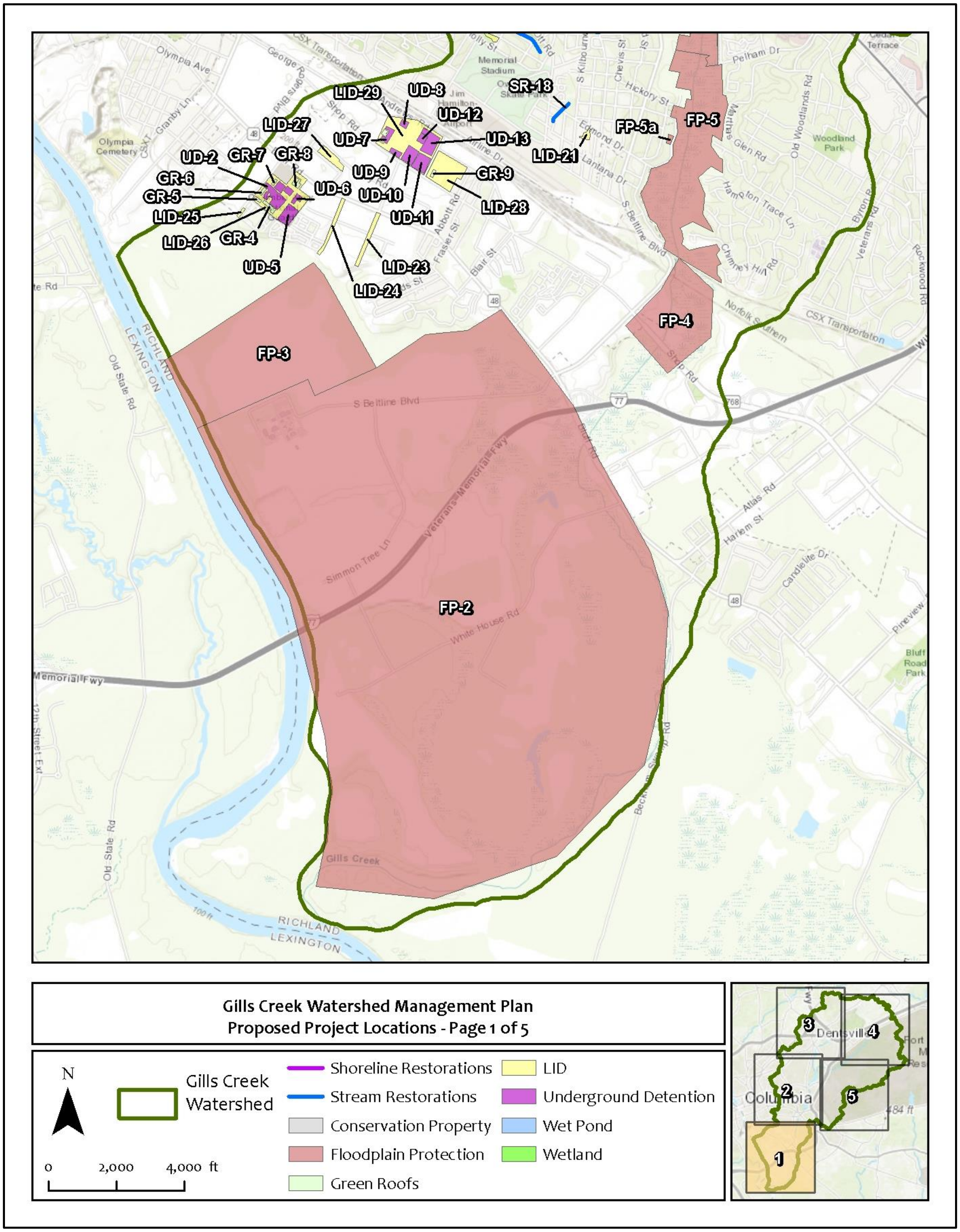


Figure 5-1: Proposed Project Locations, region 1

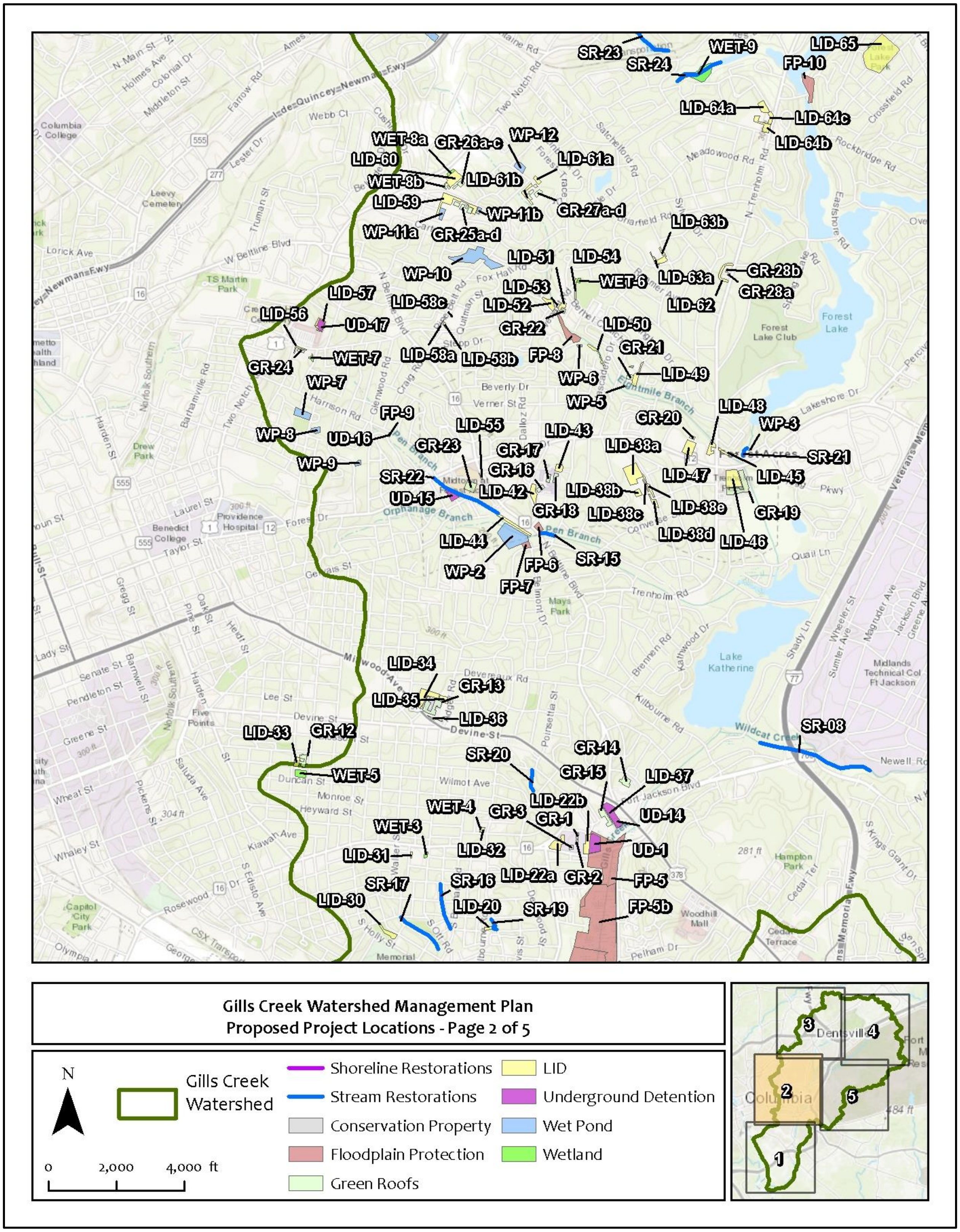


Figure 5-2: Proposed Project Locations, region 2

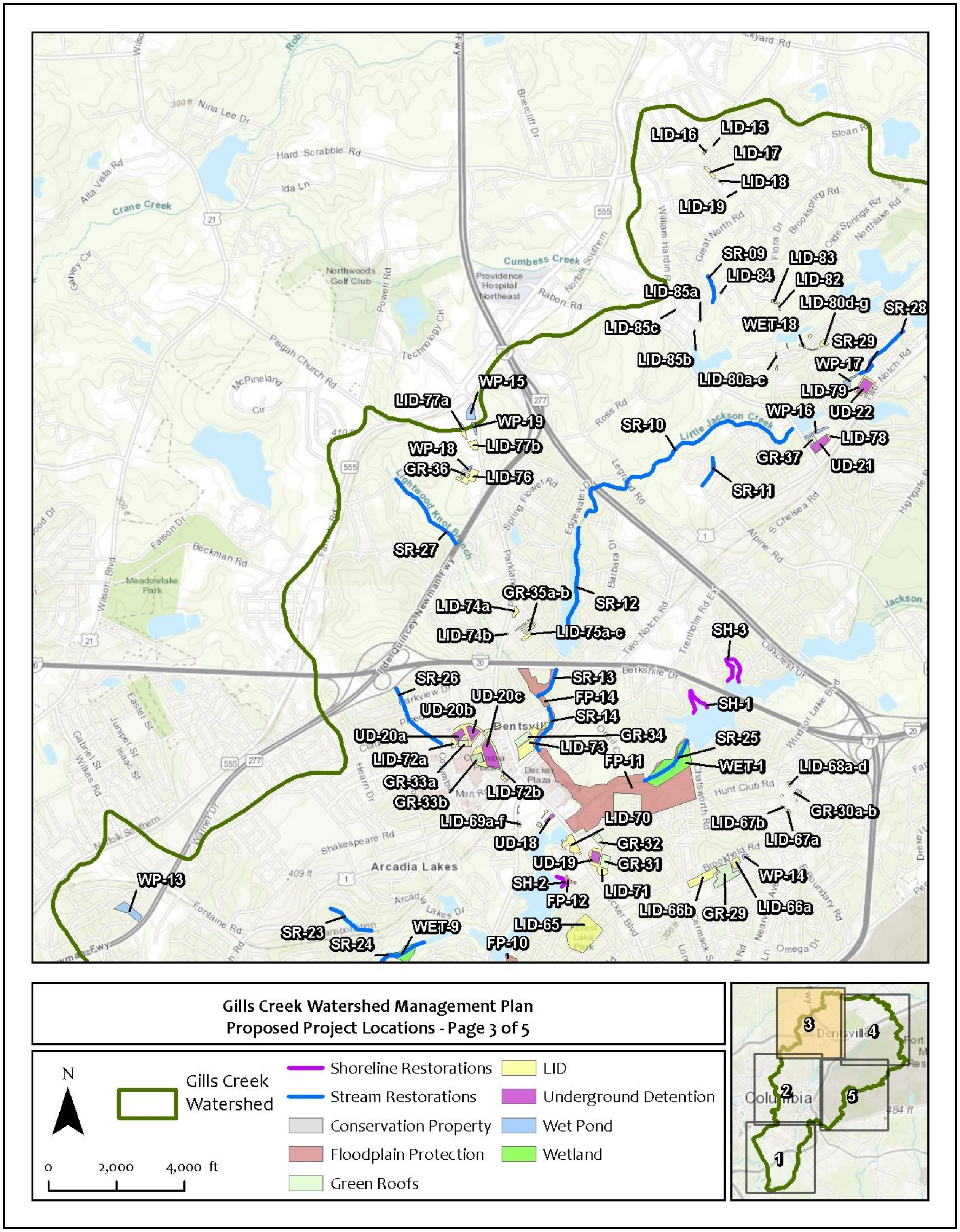


Figure 5-3: Proposed Project Locations, region 3

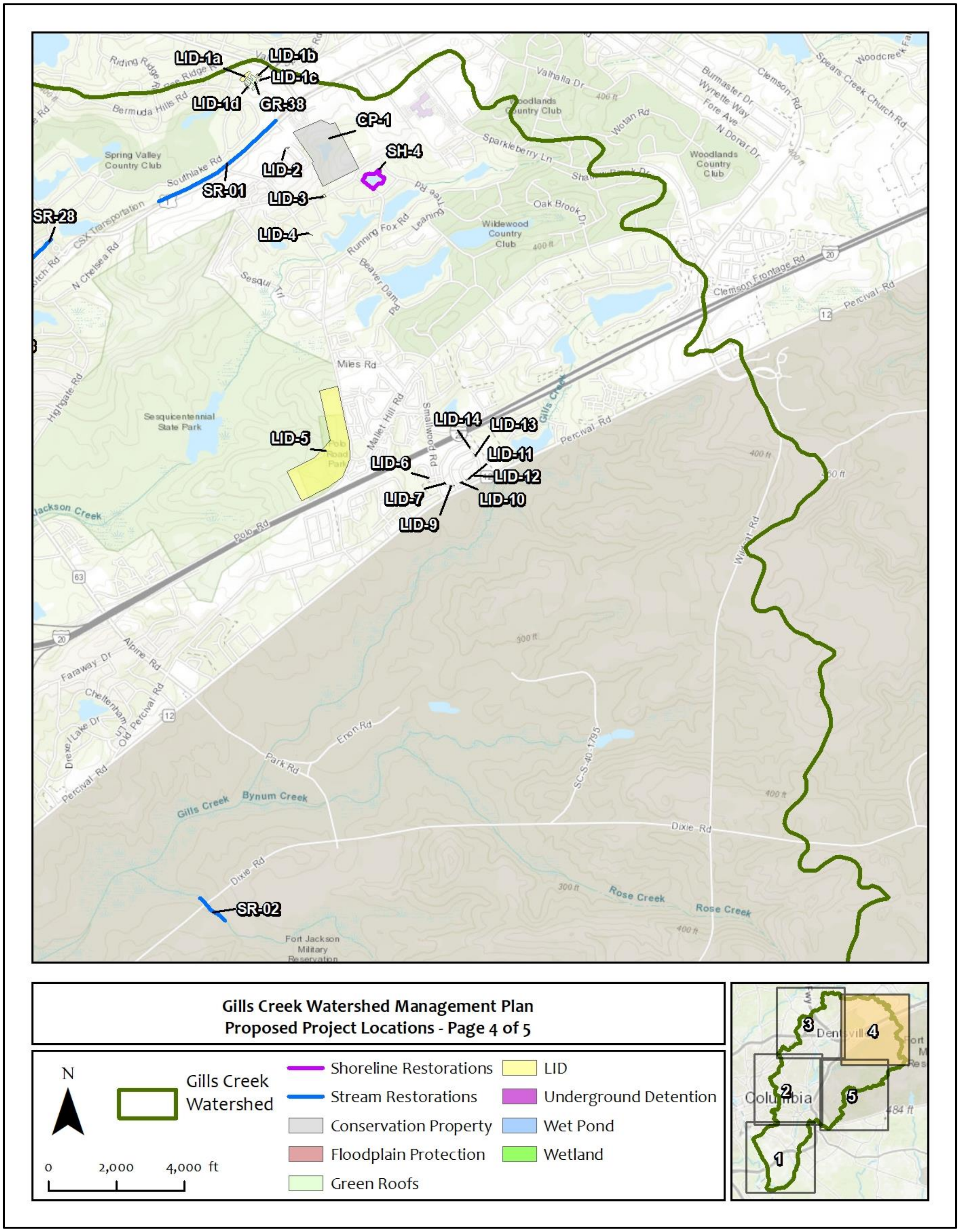


Figure 5-4: Proposed Project Locations, region 4

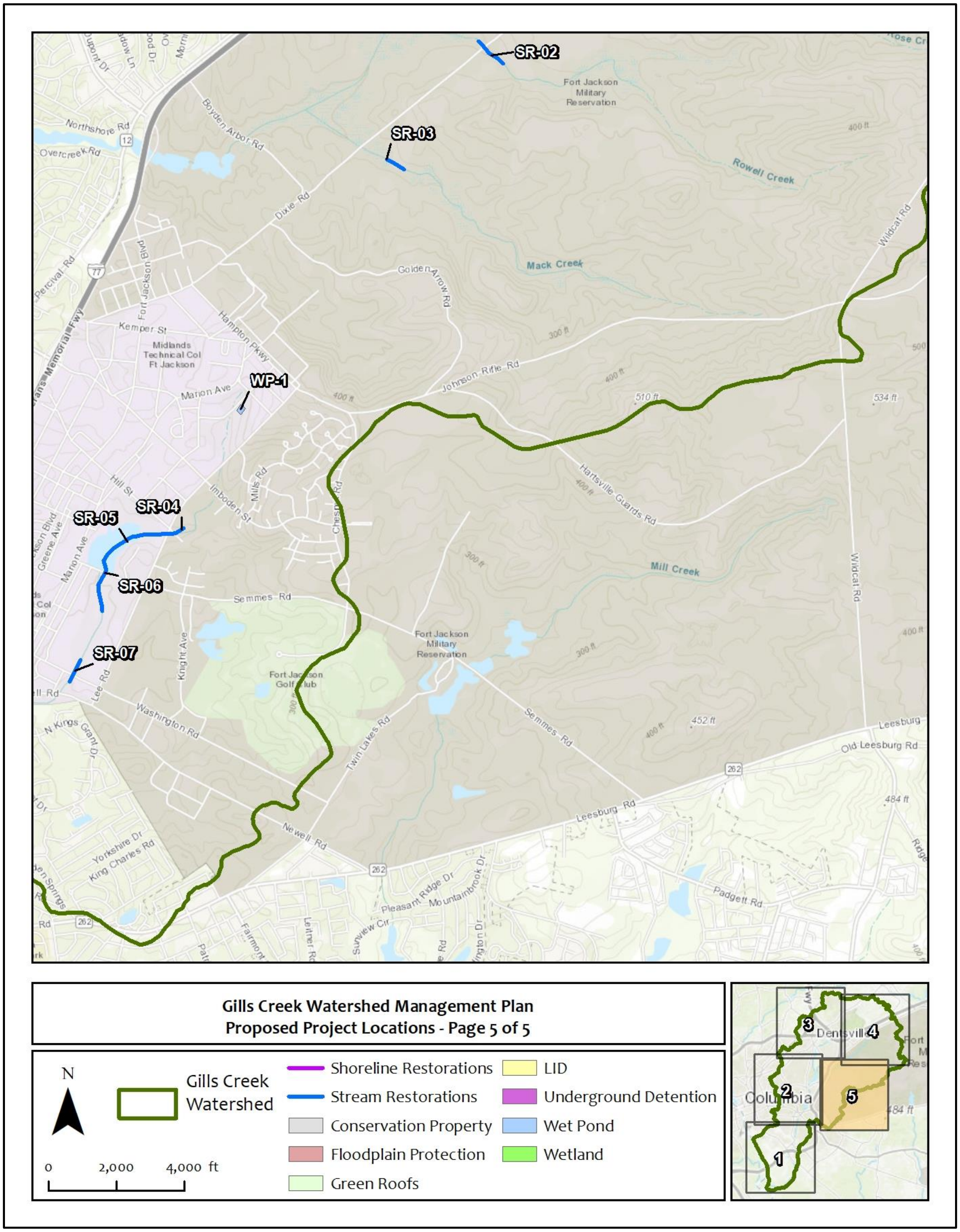


Figure 5-5: Proposed Project Locations, region 5

5.1.3 Flood Strategies

Management strategies selected for inclusion in the plan were in large part selected for their water quality and habitat improvement capabilities. However, many of the strategies mentioned in this plan to improve water quality – from structural BMPs to floodplain conservation – also provide some level of flood mitigation. A watershed-based approach to reducing impacts from flooding employs two general methods:

1) reduce runoff from both rural and urban land, and
2) attenuate and store runoff and stream flow.

These activities can be quite useful for smaller, out-of-bank flooding events associated with the 1- and 2-year return intervals; however, approaches to control the 10-, 50-, and 100-year flood would likely require larger control devices such as additional ponds, which are perhaps best suited for the upper and middle sections of the watershed. If flooding is determined to be a significant issue and needs to be dealt with more directly at specific locations, a flood study with a **hydrologic and hydraulic model** will be required beyond this watershed-based plan.

Runoff Reduction – Reducing the runoff at the source is accomplished by several different low impact development (LID) strategies that attempt to hold the water on the upland landscape and provide infiltration. Urban practices include reforestation; conversion of impervious surfaces to pervious cover such as meadow or forest; disconnection of downspouts; and installation of rain barrels, bioretention, infiltration devices (trenches), or pervious pavers or concrete. These practices are most useful for smaller rainfall events but can become overwhelmed by larger storms. In general, projects described in this watershed management plan that provide good runoff reduction are bioretention, permeable pavement, and green roofs.

Attenuation and Storage – Projects that attenuate and store flood flow in the upper reaches of the watershed are recommended for areas in which property and infrastructure will allow for the necessary changes in the landscape. Projects like wetlands, wet ponds, and underground detention provide good attenuation and storage. Stream restoration projects (including practices outside of the main channel, such as regrading and stream bank repair) that reconnect the stream to the floodplain can provide storage in the upper watershed and reduce peak flows downstream. Spot-wise floodplain benching projects can also increase hydraulic storage along stream corridors where constraints may prevent full stream restoration, or where restoration may not be warranted. Similarly, creation of wetland systems can provide storage capacity as well as wildlife habitat. Riparian buffer plantings provide vegetation in the overbank zone that can slow and reduce flood flows.

Conservation of floodplain properties along Gills Creek is recommended. Floods inundate floodplains, a natural process. Properly functioning floodplains provide protection for the entire watershed and beyond by providing floodwater storage and safe passage, reducing flood velocities, and restricting erosion and sedimentation, which in turn helps to maintain water quality. Thus, when floodplains are kept in or restored to their natural state, they can actually reduce the number and severity of floods. This natural process is much more cost-effective than rebuilding or enhancing a structure.

5.1.4 Municipal Programs

Watershed management strategies that can be either implemented by the local municipalities (including Richland County, City of Columbia, City of Forest Acres, Town of Arcadia Lakes, and City of Cayce) are described here. The recommendations in this section focus on stormwater system maintenance, reduction of illicit discharges to the stormwater system, and prevention of sanitary sewer overflows (SSOs). SSOs are spills from structures (pipes, pump stations, etc.) in a wastewater conveyance system that can cause untreated sewage to spill into city streets, streams, and other areas before the untreated sewage reaches a treatment facility. Illicit discharges are defined as water discharges to the municipal separate stormdrain system that are not entirely composed of stormwater. That is, they are harmful and often illegal connections to the stormwater system from business or commercial activities. In some cases the recommendation may be to build on or add frequency to existing programs.

Street Sweeping – Street sweeping at regular intervals (monthly) can be a very effective method for reducing the runoff of many pollutants including nitrogen, sediment, oils, grease, and metals typically found in stormwater runoff from roadways. Sweeping should be targeted to most heavily traveled roads and areas most connected to the stormdrain system. At this time there is not a regular street sweeping program in place in the Gills Creek Watershed, and WTM estimates that roadways contribute a total load of 31,640 lb/yr of TN; 3,439 lb/yr of TP; 1,843,406 lb/yr of TSS; and 1,253,935 billion CFUs of bacteria. If approximately 50% of the roads in the watershed (focusing on those in commercial and residential areas) are swept every month, there is the potential for a reduction of 1,240 lb/year of TN, 183 lb/yr of TP, and 36,178 lb/yr of TSS.

Sanitary Sewer Overflow Prevention – The WTM estimates that SSOs are the second highest source of bacteria in the Gills Creek Watershed, contributing 2,636,209 billion CFUs of bacteria a year, along with 3,484 lb/yr TN, 580 lb/TP, and 23,226 lb/yr of TSS. The EPA has found that poor sewer collection system management poses a substantial health and environmental challenge. Problems that can cause chronic SSOs include:

- Too much rainfall or snowmelt infiltrating through the ground into leaky sewer systems;
- Runoff that is directly connected to sewer systems;
- Sewers and pumps too small to carry sewage from newly-developed subdivisions or commercial areas;
- Blocked, broken, or cracked pipes due to tree roots, pipe settlement, and material build-up within pipes;
- Power failures that prevent the system from functioning; or
- Vandalism to the sanitary sewer conveyance system.

Practices to reduce or eliminate SSOs include routine sewer system cleaning or maintenance; repairing broken or leaking sewer service lines; enlarging or upgrading the sewer/pump station capacity or reliability; and construction of wet weather storage and treatment facilities to treat excess flows. The GCWA can provide public education to prevent blockages in existing sanitary sewer systems by discouraging flushing wipes and encouraging residents to dispose of fats, oils, and grease (FOG) properly. If practices are put in place with a goal of identifying and fixing 25% of the inadequate sewer service lines, the WTM estimates load reductions associated with SSO repair/abatement to be 871 lb/yr of TN; 145 lb/yr TP; 5,807 lb/yr of TSS; and 659,052 billion CFUs of bacteria per year.

Hot-Spot and Illicit Discharge Detection and Elimination (IDDE) – Dry weather flows discharging from stormdrain systems can contribute significant loads to stream systems. Inspection and testing of water quality from outfalls, or from upland 'hot-spots' during dry weather can assist in the detection of inappropriate discharge entering the stream both from stormdrains and from other pipes potentially conveying discharge. Hot-spots generally include commercial and industrial properties that may be specific sources of pollutants from poor housekeeping practices that allow pollutants to wash into the stormdrain system. When an illicit discharge is found it can be tracked to its source for resolution. Discharge types can include sewage and septage flows, washwater flows such as laundry and car washing discharge, liquid waste such as oils and paints, landscape irrigation, dumpster runoff, and tap water.

Land-Development Regulations – In addition to current urban sources, future-predicted urban development can result in additional pollution in the Gills Creek Watershed. Waterways without adequate land and streamside vegetation (riparian buffers) on either side are highly prone to channel erosion. Continued action toward improvements in land development regulations, such as increased riparian buffer protection ordinances, is recommended to reduce impacts of development and reduce channel erosion. Riparian buffer zones should be a minimum of 100-feet wide on each side of the waterbody to protect water quality (Fischer, 2000). GCWA should work with local governments to establish increased riparian buffer zones, buffer management plans, and to limit activities allowed within riparian buffers.

Stormwater Regulations – It is recommended to review the current stormwater regulations for MS4s within the watershed. If needed, it is then recommended to strengthen regulations outside of MS4 requirements.

Catch Basin Cleaning – Catch basin cleaning is part of the responsibilities of the MS4 permits for these jurisdictions. It is recommended that all catch basins and inlets that are maintained by Richland County and the City of Columbia in the Gills Creek Watershed are cleaned on an annual basis at minimum. Initial discussions with Richland County and City of Columbia indicated that catch basin cleaning occurs as-needed basis in the Gills Creek Watershed area. The GCWA should work with stormwater managers to map and evaluate the current condition of catch basins, identify areas that are more susceptible to repeat clogging, and establish a regular cleaning schedule as described in Table 5-3. The WTM estimates developed areas (LDR, MDR, HDR, industrial, and commercial land uses) in the watershed create loads of 174,006 lb/yr of TN; 23,317 lb/yr of TP; 3,963,892 lb/yr of TSS. If half of these developed areas (12,262 acres) have catch basins cleaned on a monthly schedule, pollutant loads will be reduced by 37,357 lb/yr of TN; 4,061 lb/yr of TP; and 3,627,412 lb/yr of TSS.

Table 5-3: Suggested Catch Basin Maintenance Ratings

Rating (A, B, or C)	Description of Rating	Criteria for Rating	Number of Suggested Scheduled Cleanings
0	No Need for Maintenance	Outside the MS4 or Maintained by Another Entity	0
C	Very Low to No Need for Maintenance	•No Residences Directly Impacted •Pipes/Basins are Not Connected to an Outfall Location •1 Pipe/Basin Requiring Maintenance	Less than A & B
C	Low to Minor Need for Maintenance	•1 Residence Impacted •Pipes/Basins are in an Upstream Location to an Outfall •1-2 Pipes/Basins Requiring Maintenance	Less than A & B
B	Moderate to Significant Need for Maintenance	•1-2 Residences Impacted •Pipes/Basins are Directly Adjacent an Outfall •2-4 Pipes/Basins Requiring Maintenance	Once every two years
B	High Need for Maintenance	•2-5 Residences Impacted •Pipes/Basins are Directly Adjoining an Outfall •4-5 Pipes/Basins Requiring Maintenance	Once every two years
A	Very High Need for Maintenance	•5 or more Residences Impacted • Pipe/Basin is the Outfall •5 or more Pipes/Basins Requiring Maintenance	Once annually

5.1.5 Community-wide Programs

Several recommendations are made to implement community-wide programs that are based on education and community engagement. Participation by watershed residents in practices that they can implement at their homes, businesses, schools, and places of worship is crucial. These programs are generally referred to as 'source control' strategies, as they reduce or eliminate the pollutant at its source before it can enter the waterway. An estimate of 40% of the population of 41,059 households changing their habits based on educational programs is used for these benefits in the WTM Model.

Residential Lawn Care Education – Educate watershed residents on the impact of various lawn care practices on water quality. Include guidance to prevent overwatering through proper irrigation practices (about one inch of water per week). Excess fertilizer can run off into waterways and be a significant source of nutrients, in addition to being potentially unnecessary and costly to the property owner. Topics would include soil testing, recommended fertilizer levels, non-phosphorus fertilizers, organic fertilizers, conversion of lawn to native vegetation, and mowing practices. Programs could be implemented or sponsored by the MS4 Communities and/or the Gills Creek Watershed Association. The WTM model does not explicitly report a specific load associated with lawncare; however, by continuing residential lawn care educational programs, WTM estimates an overall load reduction of 2,600 lb/yr TN and 962 lb/yr TP.

Pet Waste Education – In many neighborhoods, improperly disposed pet waste can be a source of fecal bacteria and nutrients, particularly from dogs. An outreach program to educate residents on the environmental and hygiene/health impacts of pet waste disposal is already in place with the City of Columbia ("Scoop the Poop") and Richland County ("Trash the Poop"), and can be supplemented by the GCWA. The program should be coupled with pet waste disposal stations, signage in high-traffic dog walking areas, and possibly a local ordinance for removal and proper disposal of pet waste. The WTM model does not explicitly calculate a specific load associated with pet waste; however, by continuing existing pet waste educational programs (including brochures, newspaper ads, and television commercials), WTM estimates an overall load reduction of 5,295 lb/yr TN; 691 lb/yr TP; and 46,040 billion CFU of bacteria per year.

Septic System Education, Maintenance, and Upgrade – Septic systems, or 'on-lot' systems can be contributors of viruses, pathogens, and nitrogen to the groundwater and eventually to surface waters. Based on the estimate of potential septic systems in the watershed, with 10% of those failing, the WTM predicts that they may create loads of 2,831 lb/yr TN; 471 lb/yr TP; 18,873 lb/yr TSS; and 4,284 billion CFUs of bacteria in the watershed. The first step for load reduction is to accurately identify and assess the conditions of any septic systems remaining in the watershed. Once identified, regular maintenance of these systems is necessary to ensure long-term operation and safe water supplies. Educational materials and workshops can be developed to present recommendations and explain existing local ordinances for septic tank pumping, drain field care and percolation testing, proper disposal of household hazardous waste, and general best management practices for proper maintenance and operation. The GCWA can request brochures from the SCDHEC 319 program that provides information and a record-keeping form for homeowners. Outreach should also include information on upgrading septic systems with nitrogen-removing best available technology (BAT), which can effectively cut nitrogen loads from septic systems in half. Programs could be organized by the City of Columbia, Richland County, and the GCWA with support from SCDHEC. The WTM estimates that educational programs, such as septic system maintenance, could reduce these loadings in the watershed by 283 lb/yr of TN; 47 lb/yr of TP; 1,887 lb/yr of TSS; and 428 billion CFUs of bacteria.

Rain Barrels / Downspout Disconnect – Many towns and cities have traditionally used gutter and downspout systems to 'connect' stormwater from homes, businesses, schools to the stormdrain system. Disconnecting these systems to direct rainwater from roofs to open grassy areas or to rain barrels and cisterns reduces the overall volume of stormwater runoff, conserves water use, reduces pollutants entering the stream, and provides clean water for gardens and everyday outside use. An education program can include rain barrel workshops to distribute rain barrels and instruct on their installation and use. Programs are already commonly provided, and will continue to be implemented by the MS4 communities and GCWA in the future. Additionally, the Clemson Extension program offers a “Master Rain Gardener” certification program that is focused on rain garden and rainwater harvesting system design for both residents and landscape professionals. Although WTM does not provide a calculation of the benefits of these types of educational programs, it is widely established that runoff reduction is paramount for water quality improvements. For more information, see Sections 4.6 Rainwater Harvesting and 4.7 Impervious Surface Disconnection in *Low Impact in Coastal South Carolina: A Planning and Design Guide*.

Litter Education – Litter was identified as the second most important issue in the stakeholder hot-spot survey. Trash harms physical habitats, transports chemical pollutants, threatens aquatic life, and interferes with human use of riverine environments (EPA, 2017). The best way to prevent trash pollution from ending up in a waterway is to reduce the amount of trash that is created; Figure 5-6 shows educational messages to share in the Gills Creek Watershed. Other strategies to encourage in the watershed are proper trash disposal (don’t throw away recyclables and never put trash in a garbage can that is overflowing), increased recycling, and securing and covering trash bins at night and during storms. Potential partnerships for litter programs in the Gills Creek Watershed are Keep the Midlands Beautiful and Palmetto Pride.

Figure 5-6: Recommendations from EPA for reducing trash at the source

Protecting Native Flora and Fauna: Invasive Species Education – The Gills Creek Watershed provides important habitats for native plants and wildlife, especially in an urban area that has documented rare, threatened, and endangered species. Potential partnering organizations could include the AC Moore Herbarium at the University of South Carolina, the South Carolina Native Plant Society (SCNPS), and the SC-EPPC. The GCWA should focus on messaging and programs that teach residents the difference between native and invasive species, and perhaps incorporate invasive plant species eradication. For the current list of invasive plant species, the GCWA should reference the South Carolina Exotic Pest Plant Council (SC-EPPC) 2014 invasive plant species list. The Midlands Chapter of the South Carolina Native Plant Society holds regular meetings at the Owens Field House, and would be a good partner organization to host a workshop on rain gardens or gardening with native plants to reduce irrigation and fertilization in the developed landscape. The South Carolina Wildlife Federation would also be a good partner on projects that remove invasive species, and has offered to assist.

Lake Sedimentation Education – Multiple instances of cloudy water and sedimentation in lakes has been observed by lake Homeowners Associations and individuals with private property along lakes within the Gills Creek Watershed. The amount of sedimentation from stormwater discharged into private lakes within the Gills Creek Watershed has been reported as a common concern. The GCWA should provide education on residential pollution prevention methods that will reduce sedimentation from the source, working with local lake Homeowners Associations. Clemson Extension provides shoreline/shorescaping information with lists of aesthetically pleasing plants for each inundation zone of the shoreline that help with erosion prevention and nutrient uptake. An additional stormwater recommendation from stakeholders is to turn private lakes whose dams have not been repaired into stormwater wetland areas. This would also allow for both treatment and capture of floodwaters.

5.2 Benefits

Each management strategy has its own set of watershed benefits. Benefits include estimated pollutant reductions (Tables 5-5, 5-6, and 5-7), improvements to aquatic and riparian habitat, and community benefits such as improved aesthetics or access to recreational opportunities. Benefits for the *Restoration Projects* described above are explained in more detail in the summaries that have been developed for each project in Appendices D-G. Table 5-4 below presents the relative benefit of each practice as it relates to major benefit categories. The following section addresses the overall impact that the suite of management measures will have on water quality in terms of the pollutants that the practice reduces.

Table 5-4: Watershed Benefits for Selected Practices

Practice	Water Quality	Runoff Reduction	Channel Protection	Flood Control	Instream Habitat	Community Aesthetics	Community Engagement
Stream Restoration	○		●	○	●	○	
Reforestation / Riparian Buffers	○		●		●	●	○
Bioretention	●	○	○	○		●	
Permeable Pavement	●	●	○			○	
Wet Ponds	●		●	●		●	
Stormwater Wetlands	●					●	
Green Roofs	●	●				●	
Underground Detention	●		●	●			
Lawn Care Education	●				○	○	●
Pet Waste Education	●				○	●	●
Lake Sedimentation Education	●				○	○	●
Septic/Sewer System Education	●				○	○	●
Stream Clean Up	○				○	●	●
Rain Barrels / Downspout Disconnect	○	●	○	○	○	●	●
Street Sweeping	●					●	
Hot-Spot and IDDE	●					●	
Erosion and Sediment Control	●	○		○	○		
Conservation	○	○	○	○	○	●	●
Key: ● Primary benefit ○ Secondary benefit							

5.2.1 Pollutant Load Reductions

A summary of the benefits from implementing all 272 recommended stormwater retrofits, conservation projects, and stream/shoreline restoration projects in the Gills Creek Watershed are listed in Table 5-5; benefits from future project types are summarized in Table 5-6; reductions from non-structural practices are detailed in Table 5-7; and overall pollutant load reductions from the combination of these recommended strategies is calculated in Table 5-8. Individual load reductions for each recommended project are listed in Appendix D, while load reductions for conservation projects are listed in Appendix G.

Table 5-5: Overall Potential Benefits from Proposed Projects bv Subwatershed

Watershed	Number of Projects	Total Potential Pollutant Reductions			
		TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
JC-GC	111	6,941	1,793	597,814	284,140
UGC	12	160	33	10,047	5,590
LGC	149	13,179	3,589	608,449	681,051
TOTAL	272	20,281	5,414	1,216,309	970,781

Table 5-6: Overall Pollutant Reductions by Project Type

Type	Number of Projects	Total Potential Pollutant Reductions			
		TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
Conservation	16	6,274	1,265	152,046	245,197
Green Roof	50	323	43	9,380	13,822
LID	118	4,727	724	119,818	176,228
Shoreline Restoration	4	63	50	62,703	0
Stream Restoration	29	439	351	438,545	0
Underground Detention	24	150	51	8,212	0
Stormwater Wetlands	11	2,113	669	81,182	110,458
Wet Ponds	20	6,192	2,261	344,423	425,076
TOTAL	272	20,281	5,414	1,216,309	970,781

Table 5-7: Overall Potential Benefits from Proposed Practices

Future Practices	Total Potential Pollutant Reductions TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
Riparian Buffer (50 ft enforced)	14,538	3,061	363,440	550,666
Lawn Care Education	2,600	962	0	0
Pet Waste Education	5,295	691	0	46,040
Street Sweeping	1,240	183	36,178	0
Catch Basin Cleanouts	37,357	4,061	3,627,412	0
SSO Repair/Abatement	871	145	5,807	659,052
OSDS Education (Septic)	283	47	1,887	428
TOTAL	62,184	9,150	4,034,724	1,256,187

Table 5-8: Overall Load Reduction Estimate

Load Calculation	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
Existing Load	292,285	41,234	15,798,907	11,832,571
Project Reduction	20,281	5,414	1,216,309	970,781
Practice Reduction	62,184	9,150	4,034,724	1,256,187
New Load	209,820	26,670	10,547,874	9,605,603
Reduction	28%	35%	33%	19%

It will take a much longer time and larger effort to return a watershed to a goal of a water quality threshold after it is impaired than the time and actions it took for it to become polluted. While the best management practices proposed provide an overall net reduction between 5 and 10% for all four pollutants analyzed in the WTM, any progress, however small, is a change in the right direction. Overall, the practices identified in this plan strengthen and directly meet GCWA's mission to restore Gills Creek, educate the communities within the watershed, and advocate for the protection and preservation of the Creek's resources, beauty, and environmental sustainability. The Gills Creek Watershed Association will build off of each success and use adaptive management strategies to periodically evaluate and change priority projects and programs.

5.3 Implementation Schedule

5.3.1 Priorities and Estimated Costs

The estimated cost to implement all of these projects (not including the floodplain restoration projects) would be $219,074,107. In order to narrow down the extensive list of potential restoration projects to highlight priorities for the Gills Creek Watershed, an evaluation matrix was developed. Each project was scored with respect to feasibility for cost (20 points), compatibility with the Gills Creek Watershed Association's goals (20 points), maintenance requirements (15), potential for agreeable partnerships with landowners (10), amount of effort required for permitting (15), how well the surrounding community will respond to the project's installation (10), and ease of access to the site for both construction and maintenance (10). A description of the criteria for points awarded to each project is summarized in Table 5-8.

Consistently across all watersheds, wet ponds and wetlands ranked the highest, largely due to their ability to treat large impervious areas at an efficient price. Green roofs were consistently ranked the lowest, due to cost, access, and potential landowner cooperation issues. Although stream restoration projects ranked moderately well overall, McCormick Taylor recommends separating stream restoration projects from BMPs. Emphasis should be placed on providing runoff reduction and peak flow attenuation in the upstream, headwater areas before tackling downstream erosion problems.

Table 5-9: Project Evaluation and Ranking Criteria

Metric	Scores					
Cost ($/impervious acre)	>$1 mil = 1	$500k – $1mil = 5	$250 – 500k = 10	$100 – 250k = 15	<$100k = 20	
TSS Load Reduction	<1,000 lbs per year = 5	1,000 to 9,999 lbs per year = 10	10,000 to 49,999 lbs per year = 15	>50,000 lbs per year = 20		
Bacteria Load Reduction	<1,000 = 5	1,000 to 4,999 = 10	5,000 to 9,999 = 15	>10,000 = 20		
Flood Reduction	No Quantity Provided = 0 (stream and shoreline projects)		2 Yr management or less = 5 (LID practices)		More than 2 Yr management potential = 10	
Watershed Goals	WQ and VOL = 20	WQ = 15	ES = 10	OSP = 5		
Maintenance Burden	BI = 15	AN = 12	LS = 8	DALS = 4		
Landowner Cooperation	PUB, MIN = 8	PUB, MAJ = 6	ROAD = 5	PRIV, MIN = 4	PUB, MAJ = 2	PRIV, MAJ = 0
Permitting Burden	NP = 15	TP = 13	T+E = 10	T+B = 8	EIP = 5	
Acceptance/Visibility	HI, PUB = 10	HI, PRIV = 8	LOW = 6	HI, CI = 5		
Accessibility	NAI = 10	MAI = 8	MULT = 4	MJAI = 1		
Notes:	*WQ = water quality* *VOL = runoff volume* *ES = erosion stabilization* *OSP = open space preservation* *BI = minimal biannual maintenance* *AN = minimal annual maintenance* *LS = intensive landscaping* *DALS = difficult access, intensive landscaping* *PUB = public owned property* *MIN = minimal impact on property* *ROAD = within roadway adjoining private property* *PRIV = privately owned property*			*MAJ = major impact on property* *NP = no permits* *TP = typical permits* *T+E = typical plus environmental permits* *T+B = typical plus building permits* *EIP = environmental impacts permitting* *HI = high visibility* *LOW = low visibility* *CI = conflict of interest/goals* *NAI = no-access impediments* *MAI = minor access impediments* *MULT = multiple access points* *MJAI = major access impediments*		

A complete list of all the project rankings is included in Appendix D along with preliminary cost estimates. The top 30 projects (10 from each of the three HUC-12 watersheds) have been identified and included in Tables 5-10, 5-11, and 5-12. More detailed information for each of these projects has been added to Appendix F. The information for all projects included in Appendix D has been reorganized to show project rankings within each HUC-12 watershed (Appendix E). More projects could certainly be identified, particularly on private property; however, this list provides the Gills Creek Watershed Association with a good starting point. This list is intended to be used for adaptive management of the watershed and not an absolute ranking of each individual potential project. Opportunities may arise during redevelopment of private and publicly owned parcels to advocate for specific practices to be put in place or for specific grants to be applied for niche projects in parks or schools.

Table 5-10: Top Ten Projects in Jackson Creek-Gills Creek Watershed

Project	Score	Cost	Total Potential Pollutant Reductions TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
WET-9	133	$1,506,995	1,520.0	488.6	58,117.7	78,791.8
WET-1	128	$377,266	380.5	122.3	14,549.4	19,725.0
WP-14	119	$50,000	17.9	5.6	1,069.3	1,268.4
WP-15	119	$106,904	66.9	31.1	3,437.2	4,077.4
WET-18	117	$50,000	40.4	13.6	1,507.9	2,044.3
WP-16	117	$50,000	58.2	15.4	3,626.4	4,301.8
WP-17	117	$50,000	38.3	12.2	2,271.9	2,695.0
LID-5	114	$6,270,514	442.6	73.7	11,164.0	16,081.3
TOTAL		**$8,561,678**	**2,584.9**	**767.6**	**97,010.1**	**130,487.1**

Table 5-11: Top Ten Projects in Upper Gills Creek Watershed

Project	Score	Cost	Total Potential Pollutant Reductions			
			TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
LID-66a	94	$139,536	11.7	1.4	320.0	460.9
LID-10	84	$246,575	11.4	2.5	260.7	375.5
LID-11	84	$285,349	13.3	2.9	302.3	435.4
LID-12	84	$299,226	13.9	3.0	316.5	455.9
LID-13	84	$132,913	6.2	1.3	140.2	201.9
LID-14	84	$342,138	15.9	3.5	362.5	522.2
LID-6	84	$198,757	9.2	2.0	210.3	302.9
LID-7	84	$237,564	11.1	2.4	251.9	362.9
LID-9	84	$323,557	15.0	3.3	342.8	493.8
SR-03	71	$123,555	2.1	1.6	2,055.4	0
TOTAL		**$2,329,172**	**109.8**	**23.9**	**4,562.6**	**3,611.4**

Table 5-12: Top Ten Projects in Lower Gills Creek Watershed

Project	Score	Cost	Total Potential Pollutant Reductions			
			TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
WP-2	138	$1,925,785	1,353.4	577.4	71,724.1	88,640.1
WP-10	134	$3,010,541	3,350.5	1,078.4	192,312.1	237,668.7
WP-12	134	$931,095	654.4	279.2	34,680.3	42,859.7
WP-13	130	$310,365	227.8	95.6	12,136.8	14,999.3
WP-7	124	$163,459	114.9	49.0	6,088.3	7,524.3
WP-1	122	$175,717	139.8	56.8	7,531.1	9,307.3
LID-24	119	$5,907,903	469.2	63.5	12,068.3	18,110.6
LID-29	119	$4,732,195	398.9	48.3	10,470.2	15,712.3
WET-6	119	$50,000	32.6	10.3	1,247.0	1,761.2
WP-11a	119	$50,000	19.9	4.9	1,203.6	1,487.4
TOTAL		**$17,257,060**	**6,761.4**	**2,263.4**	**349,461.8**	**438,070.9**

Developing cost estimates for the community-based programs is difficult as projects can vary widely in scope, available resources, and necessary project elements. The Center for Watershed Protection (CWP) has derived unit costs for community outreach techniques and unit costs for neighborhood stewardship practices (CWP, 2005). The costs in Table 5-13 have been adjusted upward by 20% to account for inflation. To determine the extended cost, the median value of the cost range was used. It is assumed that meeting space to hold the various workshops would be a minimal cost (or even free), staff to prepare and run the workshop would be volunteers, and any necessary technical support from local governments would be available at no cost.

Table 5-13: Community-Based Programs Cost Estimates

Project Type	Cost	Unit	Quantity	Extended Cost
Workshop (general cost)				
Printed materials (fliers)	$0.72-$1.01	Per flier	200	$173
Printed materials (tri-fold brochure)	$1.60-$2.40	Per brochure	200	$480
Printed materials (maps / posters)	$6.00-$40.00	Per map	5	$115
Newspaper ad in local paper	$312-$540	Per advertisement	1	$426
Workshop space	$200	Per workshop	1	$200
Workshop staff	No cost	Per workshop	-	-
Workshop supplies and food	$100-$200	Per workshop	1	$150
		Per workshop		$1,544
Residential Lawn Care Education				
Lawn Care Advice	$2.10-$3.84	Per household	100	$297
Soil Testing	$9.60-$14.40	Per household	100	$1,200
Workshop	$1,543.80	Per workshop	1	$1,544
		Practice Total		$3,041
Pet Waste Education				
Bag stations	$400	Per station	2	$800
Waste pick-up signage	$100	Per sign	2	$200
Workshop	$1,543.80	Per workshop	1	$1,544
		Practice Total		$2,544
Rain Barrel / Downspout Disconnect				
Rain barrel distribution	$50-$60	Per barrel	50	$2,750
Workshop	$1,543.80	Per workshop	1	$1,544
		Practice Total		$4,294
Sewer/Septic System Education				
Septic System Inspections	$180-$312	Per household	50	$12,300
FOG can lids	$400	Per 2,000	2,000	$400
Workshop	$1,543.80	Per workshop	1	$1,544
		Practice Total		$14,244
Lake Sedimentation Education				
Workshop	$1,543.80	Per workshop 1		$1,544
		Practice Total		$1,544

5.3.2 Potential Funding Sources

Funding needed to implement components of the plan will vary depending on the type of strategy. Funding will come from current program resources, local and state government funding, and a variety of grants, cost share programs, and private programs that focus on water quality, and environmental restoration. Examples of grant funding sources and the types of projects they may serve are listed below in Table 5-14.

Table 5-14: Funding Source Summary

Program	Funder/Partner	Program Goals or Outcomes
Nonpoint Source Implementation Program (Section 319)	SCDHEC/EPA	Assistance in implementing the Nonpoint Source Management Program for urban and agricultural runoff, land conservation for water quality benefits, natural channel design, and streambank stabilization projects.
SC Rural Infrastructure Authority (RIA) Grants	SC RIA	Assist municipalities in keeping up with repairs or upgrades to aging or overburdened infrastructure.
SC Conservation Bank Act	SC Conservation Bank	Improve the quality of life in South Carolina through the conservation of significant natural resource lands, wetlands, historical properties, archeological sites, and urban parks. Objectives include protecting water quality and enhancing public access for outdoor recreation.
Champions of the Environment	SCDHEC	Fund projects at K-12 schools to help protect the natural world and boost environmental awareness.
Five Star & Urban Waters Restoration Program	NFWF	Design and planning services for habitat, water quality, and social media campaigns.
Resilient Communities Program	NFWF	Prepare for future environmental challenges by enhancing community capacity to plan and implement resiliency projects and improve the protections afforded by natural ecosystems by investing in green infrastructure and other measures.
Healthy Watersheds Consortium	EPA, NRCS, US Endowment	Assist municipalities in efforts to protect freshwater ecosystems and watersheds through the stewardship of existing landscape; includes implementation of large-scale watershed protection or green infrastructure.
***Sectoral Applications Research Program (SARP)**	NOAA	Promote partnerships between climate science and decision-makers to provide assistance with water resources planning, including addressing urban areas' vulnerability to extreme hydrologic events.
***Urban Waters Small Grants Program**	UWSG	Provide healthy and accessible urban waters with the goal of improving livability and economic health of the nearby community. Projects should address local water quality issues related to urban runoff pollution.
***Great Urban Parks Campaign**	NRPA	Support green stormwater infrastructure projects in underserved communities that improve environmental quality, increase access to high quality park and recreation space, and create an engaged and empowered community .
**indicates funding source that has been offered in the recent past, but is not currently funded. Keep in mind for future funding cycles.*		

5.3.3 Financing Mechanisms and Timelines

McCormick Taylor identified over 200 restoration projects that will advance the goals of the Gills Creek Watershed that would cost well over $213 million to construct. The Gills Creek Watershed Association's most recent annual report (for the 2018-2019 fiscal year), indicated that the total income for the fiscal year was $178,545, and $170,186 of that was directed towards program and grant expenses. The GCWA by itself does not have the funding to implement all the programs and projects identified in this watershed management plan. However, the GCWA is well-poised to leverage its existing relationships with MS4 entities and private citizens. One MS4 partner, the City of Columbia, has $30,535,000 allocated for stormwater projects in three watersheds, including Gills Creek and its subwatersheds. This funding includes $1 million for current stream restoration work being done by McCormick Taylor in the Penn Branch tributary of Gills Creek. Another line item in the City's budget includes $11,500,000 for "Shandon Phase 2 East of 5 Points," an area that experiences significant flooding problems. Finally, the City has also set aside $350,000 for projects in Eightmile Branch. The Gills Creek Watershed Association will advocate for stormwater capital funds to be applied towards water quality and flooding issues simultaneously.

The MS4 partner organizations in Gills Creek cannot support the financial burden of all the recommended projects in this watershed-based plan without help from outside grant funding opportunities. The Project Team has included several potential funding programs and financing mechanisms that could support the implementation of these activities. The following ranked list suggests which of these might be appropriate pursuits based on a number of factors including the timing of the opportunity, the project(s) it could support, and the organizational capacity needed to pursue it.

1) Nonpoint Source Implementation Program (Section 319)
https://scdhec.gov/environment/your-water-coast/watersheds-program/section-319-nonpoint-source-implementation-grants

Source/Agency

Funding is allocated by the USEPA to SCDHEC for distribution to applicants. Availability of funds is dependent upon federal budgets.

Type of Funding Provided

Distributed funds are in the form of grants, with a match requirement of 40% non-federal monies to be provided by the applicant. They are issued as quarterly reimbursements.

Description of Eligibility

South Carolina public organizations such as state agencies, local governments, public universities, soil and water conservation districts, regional planning commissions, watershed organizations and nonprofit organizations are eligible to receive NPS grants. Most project proposals cover a geographic scope of one to four 12-digit Hydrologic Unit Codes (HUCs).

Minimum requirements for application consideration include:

1. Projects must implement an existing approved watershed-based plan that addresses EPA's nine elements for watershed planning for a waterbody that is included on the most recent 303(d) list or has an approved TMDL. Projects may implement a portion of a plan, or a complete plan.
2. On-the-ground BMP implementation must make up a minimum of 75% of the federal funds requested.
3. Projects must include a 40% non-federal cash or in-kind match.

Some activities recommended in a watershed-based plan may be considered eligible for funding or as match under a 319(h) grant if they represent efforts, approaches, or applications that go "above and beyond" any elements associated with a NPDES permit. For example, if the permit itemizes the installation of nine septic system replacements, funds to replace septic systems 10 and up would be above and beyond the permit requirement.

Application Process

Any organization applying for funding for activities within an area covered by an MS4 permit must request approval to apply.

To be considered, interested groups must submit an initial proposal form and can be requested via email to NPSGrants@dhec.sc.gov. The 2020 RFP has already been released, and the details of the RFP can be found here: https://www.scdhec.gov/environment/your-water-coast/watersheds-program/section-319-nonpoint-source-implementation-grants

The initial proposal materials will be used to screen for eligibility. Applicants who pass the initial screening will be invited to submit a full application. After SCDHEC receives your final proposal, you may be contacted to arrange an appointment to provide a short overview of your proposal and answer questions at 2600 Bull Street, Columbia, SC 29201.

2) SC Rural Infrastructure (RIA) Grants
https://ria.sc.gov/grants/

Source/Agency

The SC Rural Infrastructure Authority was established by the General Assembly under Title 11, Chapter 50 of the SC Code of Laws. The purpose of the RIA is to assist municipalities in keeping up with repairs and or upgrades to aging or overburdened infrastructure—aka, "basic infrastructure" such as stormwater and wastewater management facilities—through provision of grant funding.

Type of Funding Provided

Maximum amount of grant money awarded for a single project is $500,000.00. These grant funds may be used to build, upgrade, improve, or extend publicly-owned water, sewer, and storm drainage infrastructure throughout the state. Grant funds can only be used on construction activities, with a match requirement of 25% of the total project construction cost required by grantees in Tier I and II counties. In all cases, grantees must cover non-construction costs related to the project. The applicant is responsible for design, engineering, permitting, acquisition, legal, and other non-construction costs associated with the project.

The grant period is 24 months from the date of award. Within this grant period, construction must be complete with a permit to operate issued, all project funds spent and documented, the project records reviewed by RIA staff, and the final close-out report approved.

Description of Eligibility

Local governments, special purpose and public service districts, as well as public works commissions may apply directly to RIA for grant funding. Local governments may also apply for grant funding on behalf of not-for-profit water and sewer companies that serve the local government. For-profit utilities are not eligible for RIA grant funding.

Application Process

While grant application deadlines are generally in September and March of each year, specific due dates are announced at the beginning of the state's fiscal year in July. Applications received after the announced deadline will be considered in the next funding round.
Application information can be found here: https://ria.sc.gov/grants/how-to-apply/

3) Five Star & Urban Waters Restoration Program

https://www.nfwf.org/fivestar/Pages/home.aspx

Source/Agency

The National Fish and Wildlife Foundation (NFWF) and the Wildlife Habitat Council (WHC), in cooperation with the US Environmental Protection Agency (EPA), USDA Forest Service (USFS), U.S. Fish and Wildlife Service (USFWS), FedEx, Southern Company, and Alcoa Foundation, will award approximately $1.7 million in grants nationwide. The Five Star and Urban Waters restoration grant program seeks to develop community capacity to sustain local natural resources by providing funding to local partnerships focused on improving water quality, watersheds, and the species and habitats they support. Projects include a variety of ecological improvements along with targeted community outreach, education, and stewardship. Ecological improvements may include one or more of the following: wetland, riparian, forest, and coastal habitat restoration; wildlife conservation, community tree canopy enhancement, ***water quality monitoring, and green infrastructure best management practices for managing run-off***. Projects should also increase access to the benefits of nature, reduce the impact of environmental hazards, and engage local communities—particularly underserved communities—in project planning, outreach, and implementation.

Type of Funding Provided

Awards of $20,000 to $50,000 are provided, with about 40-50 grants awarded per year. Grants should span one to two years in length; applications requesting more than $30,000 should propose projects longer than one year. These grant funds must be matched 1:1 with non-federal funds.

Description of Eligibility

Eligible applicants include non-profit 501(c) organizations, state governmental agencies, local governments, municipal governments, Indian tribes, and educational institutions.

Grant funds may to be used to support ongoing efforts to comply with legal requirements, including permit conditions, mitigation, and settlement agreements. However, grant funds may be used to support projects that enhance or improve upon existing baseline compliance efforts.

Application Process

Applications are submitted through the NFWF Easygrants online system:

https://easygrants.nfwf.org

Program Priorities include (1) on-the-ground restoration; (2) environmental outreach, education, & training; (3) community partnerships; (4) measureable results; and (5) sustainability.

NFWF requirements include:

1. Projects that reflect the Five Star and Urban Waters Program's overall goals for habitat, water quality, and species conservation. Projects must have specific, quantifiable performance metrics to evaluate project success.
2. Applicants are encouraged to create partnerships of five or more partnerships to implement the project and leverage additional funds. Partnerships will sustain the project after the life of the grant.

3. The project must advance an existing watershed or conservation plan or strategy.
4. Project must establish a clear need for the funds being requested and demonstrate that the activities would not move forward without the funding.
5. The project should identify the demographic characteristics of underserved or environmental justice communities benefitting from the project.
6. Projects must include plans for monitoring progress during and after the proposed project period.
7. Applicants must include a plan for maintenance to ensure that the desired benefits are achieved and that the project will be sustained after the life of the grant.

One application is submitted to NFWF for all sources of funding. The 2021 RFP will likely be released in November 2020. An example of the 2019 RFP can be found here:

https://www.nfwf.org/sites/default/files/2019-12/2020rfp_0.pdf

4) Healthy Watersheds Consortium

https://www.epa.gov/hwp/healthy-watersheds-consortium-grants-hwcg

Source/Agency

U.S. Endowment for Forestry and Communities, Natural Resources Conservation Service (NRCS), and the U.S. Environmental Protection Agency (USEPA). The goal of the HWC Grant Program is to "accelerate strategic protection of healthy, freshwater ecosystems and their watersheds," with primary focus on prevention of land deterioration in the watershed by:

1. Developing funding mechanisms, plans, or other strategies to implement large-scale watershed protection, source water protection, green infrastructure, or related landscape conservation objectives;
2. Building the sustainable organizational infrastructure, social support, and long-term funding commitments necessary to implement large-scale protection of healthy watersheds; and
3. Supporting innovative or catalytic projects that may accelerate funding for or implementation of watershed protection efforts, or broadly advance this field of practice.

Type of Funding Provided

Grant funds have a match requirement of at least 25% of the total project cost. The match funds can include monies that have been donated by third-parties as well as allowable costs incurred by the applicant during the project. Up to $1.29 million total is available to fund projects in three different categories (with award sizes ranging from $50,000 to $300,000). In 2019, priority was given to proposals that maximize measureable outcomes for watershed protection, such as acres protected, progress toward protection goals, or degree of function protected.

Description of Eligibility

As stated in the 2019 RFP, the following entities are eligible applicants:

- Not-for-profit 501(c)(3) organizations,

- For-profit companies,
- Tribes, intertribal consortia,
- Interstates, state, and local government agencies (including water utilities and wastewater facilities),
- Colleges and universities, and
- Public/private partnerships (desirable)

Applicants should focus on **protection and stewardship of existing landscape within the watershed**, as opposed to restoration of degraded habitat. This grant project will not fund infrastructure, restoration of riparian areas, point sources (effluent), or education/outreach. Projects should demonstrate a desire to achieve the following goals:

- Implement large-scale watershed protection, green infrastructure, or related landscape conservation objectives;
- Create sustainable land-use planning that protects healthy watersheds; and
- Demonstrate human health, recreation, and other benefits of healthy watersheds

Priority will be given to proposals that maximize measureable outcomes for watershed protection (e.g. acres protected, progress toward protection goals, degree of watershed function protected, etc.).

The Healthy Watershed Consortium Grant Program seeks protection at larger scales; the minimum scale considered for funding are projects at the HUC 8 subwatershed planning unit. For Gills Creek, this would be the Congaree River (03050110) watershed, which is significantly larger than the Gills Creek Watershed. The GCWA would need to demonstrate that any projects implemented at the smaller scale for this project would have measureable impacts at the larger HUC-8 watershed scale.

Application Process

The grant is awarded through a competitive application process. The 2019 Healthy Watersheds Consortium Request for Proposals is now closed. Sign up to receive email notifications to receive RFP updates. For more information, please contact Peter Stangel, Chief Operating Officer, atpeter@usendowment.org, (404) 915-2763.

5.4 Community Engagement

Development of the plan has included positive community engagement efforts to both inform the public about watershed issues and also to engage them to participate. The following sections describe efforts in place throughout the assessment and planning process, and the strategies for future outreach.

5.4.1 Gills Creek Watershed Association

The Gills Creek Watershed Association was originally formed by members of several lake associations within the Gills Creek Watershed who started meeting informally in the early 1990s. In the late 1990s, GCWA became a 501(c)3 nonprofit organization. The Gills Creek Watershed Association Strategic Plan was completed in July 2007. BP Barber and Tetra Tech completed the first Gills Creek Watershed Management Plan in May 2009. GCWA has leveraged partnerships and grant money to complete multiple projects, including the Crowson Road Stream and Riparian Buffer Restoration; Decker Boulevard Litter Reduction; Adopt-a-Highway and other cleanup efforts; Owens Field Trail Rehabilitation and Section 319 Source Reduction Project; and watershed planning with Richland County.

The work of the Gills Creek Watershed Association is carried out by four sub-groups:

- The Technical Committee plans and oversees projects, monitors government initiatives that have the potential to affect the watershed, and identifies priority areas for future action. Members of the Technical Committee include representatives from MS4 stormwater managers, educational partners, and environmental groups.
- The Education Committee provides outreach to the community through lecture series, special events, participation in community events, and a speaker's bureau.
- The Stewardship Committee seeks partners and supporters for GCWA work.
- The Events Committee plans major events such as fundraisers.

The GCWA ensured that stakeholder involvement was at the forefront of the development of this watershed-based plan. The Project Team included representatives from the GCWA and McCormick Taylor. Over the course of eight months, the Project Team met four times with the GCWA Technical Committee to discuss the development of the plan and solicit input. The public was enlisted to participate in a webmap and survey to identify hotspots in the watershed (as discussed in section 4.4.5) and at the end of the project to review the draft document.

5.4.2 Partner Organizations

There are many other organizations with overlapping interests related to environmental protection, water quality, and education that would be good partners for executing the watershed plan for Gills Creek. These include, but are not limited to, those listed in Table 5-12.

Table 5-15: Outreach and Education Partnerships

Program	Partner	Program Goals or Outcomes
	Outreach and Education	
Richland County Public Works	Stormwater Education and Outreach	Provide stormwater education, outreach, and public involvement opportunities
Columbia Water	Stormwater Educational Programs	Provide stormwater education, outreach, and public involvement opportunities
Carolina Clear	Clemson Extension	Provide stormwater education, outreach, and public involvement opportunities
Richland County Soil & Water Conservation District	NRCS	Develop and implement programs to protect and conserve soil, woodland, riparian, and wetland resources
Congaree Riverkeeper	Riverkeepers	Clean rivers, monitor water quality, promote smart water policy
Natural Heritage Program	SCDNR	Provide information regarding rare, threatened, or endangered species in the watershed
South Carolina Native Plant Society		Provide speakers/information/plants for rain garden and sustainable landscaping practices
Sesquicentennial State Park	SCPRC	Provide locations for workshops
Central Midlands Council of Governments		Provide updated information for land use and advertise workshops/initiatives
Richland County Schools		Provide volunteers for stream monitoring, litter pick up programs. Provide spaces for meetings and workshops.
Congaree Land Trust		Provide support for land conservation
Keep the Midlands Beautiful		Provide support for litter removal
Palmetto Pride		Provide support for litter removal
SC Wildlife Federation		Provide support for invasive species removal
Fort Jackson Environmental Division		Implement programs that ensure environmental compliance, prevent pollution, and sustain natural & cultural resources

5.4.3 Outreach Strategies

The following strategies will be used to gain additional community support and involvement.

Website – The Gills Creek Watershed Association already maintains and updates a website to disseminate important information about watershed status, upcoming events, and accomplishments. The website also serves as a hub for documentation and reports pertaining to the watershed. Additionally, members of the public can sign up to be on a mailing list for the GCWA.

Social Media – The Gills Creek Watershed Association maintains and updates a Facebook and Instagram account specifically for information related to programs and news about the watershed. This is another means of providing quick, engaging updates to all interested parties without having to produce a formal update to the website.

Factsheets – The GCWA could choose to develop its own version of stormwater related factsheets, or it could take advantage of the publications already available from Clemson University's Home & Garden Information Center's database of factsheets, including these specifically geared towards water: https://hgic.clemson.edu/category/water/

- Aquatic and Shoreline Plant Selection (HGIC 1709)
- Rainwater Harvesting Systems Guidance for Schoolyard Applications (HGIC 1729)
- Illicit Discharges and Water Pollution (HGIC 1850)
- Shorescaping Freshwater Shorelines (HGIC 1855)
- Bioretention Cells: A Guide for Your Residents (HGIC 1862)
- Introduction of Bioswales (HGIC 1863)

Media Coverage – Publicizing and reporting on activities related to the implementation of the Gills Creek Watershed Plan can be accomplished through broadcast and print news media outlets, such as the State Newspaper.

Mailings – Direct mailings allow the GCWA to fill potential information gaps (people who do not read the paper, participate in social media, or follow local government news). Fliers, postcards, and posters can all be used to inform residents in the Gills Creek Watershed about the benefits of the proposed stormwater detention practices. The GCWA could generate a list of the addresses of the residents in the watershed, which could be used to send invitations to meetings and workshops or provide other information about nonpoint source pollution outreach events (for example: storm drain markings, construction of stormwater detention basins, etc.).

Community Meetings – Providing stakeholders, such as residents and business owners, in the Gills Creek Watershed the opportunity to provide feedback and receive updates on aspects of this plan and its implementation will greatly enhance the public's support of this work. Topics of meetings may include:

- Overview of watershed, implementation strategy, and benefits
- Possible funding sources
- General stormwater education seminars (what is stormwater and why is it a problem)

Individual Outreach – Working with property owners in the Gills Creek watershed is a crucial link between the planning and implementation phases. Through the other education outreach/involvement opportunities listed in this section, it may be possible for the GCWA to identify individuals who would be willing to participate in activities such as stream restoration, riparian buffer plantings, and other stormwater BMPs.

Workshops – Workshops related to specific measures that residents can implement on their property will both build support and provide the tools for individual action. Potential workshop topics are varied and may include lawn care, pet waste, septic system maintenance, native and invasive vegetation, and rain gardens. Many opportunities for workshops may already be available through the Richland County Stormwater Management Division Education Program Coordinator, Chenille Williams.

Professional Training Opportunities – Training geared towards specific audiences (HOAs, landscapers, maintenance crews, etc.) will allow the GCWA to prepare the "boots on the ground" in the Gills Creek Watershed to manage newly-installed BMPs effectively. Examples of courses offered through Clemson Extension are the *Master Pond Manager* and *Master Rain Gardener* certifications:
https://www.clemson.edu/extension/water/hybrid-training/mpm/index.html
https://www.clemson.edu/extension/raingarden/mrg/index.html

5.5 Schedules and Milestones

A preliminary schedule for implementation of the activities discussed above is provided in Table 5-13. The listing of specific BMPs could change based on funding available or other opportunities as they arise. In general, the GCWA should attempt to start with the highest-ranking project for each project category in order to maximize budget and pollutant removal goals. One caveat is that stream restoration projects should not be implemented until upstream stormwater volumes and velocities have been controlled; in general, the stream restoration projects in the headwaters of the watershed should be completed before downstream sections. As funding is obtained to implement this plan, progress evaluations will be completed, and possible adjustments or revisions of the plan may be needed.

Table 5-16: Timeline of Implementation

Sources	BMPs	Location	Years 1 to 3	Years 4 to 6	Years 7 to 9	Years 10 to 12	Years 13 to 15	Years 15 Plus	Preventative Measures	Years 1 to 3	Years 4 to 6	Years 7 to 9	Years 10 to 12	Years 13 to 15	Years 15 Plus
Agricultural															
N/A															
Septic															
Malfunctioning Septic Systems (minimal contribution to loadings)	Identify and Map existing septic systems		x						Education on preventative maintenance & upgrading system	x	x	x	x	x	x
Sewer															
Sanitary Sewer Overflows									Wipes and FOG Education	x	x	x	x	x	x
									Coordinate with utilities for preventative maintenance and inspections						
Leaking Sewer Lines	Initiate Microbial Source Tracking	GIL-TMDL-3, GIL-TMDL-4	x	x	x	x	x	x	Coordinate with utilities for Inflow/Infiltration Inspections	x	x	x	x	x	x
Urban															
Channel Erosion	Stream Restoration	SR-15, 19		x					Protect and enhance floodplains	x	x	x	x	x	x
		SR-20, 21			x				Protect and enhance riparian buffers	x	x	x	x	x	x
		SR -16				x									
		SR-17					x								
		All Remaining SRs						x							
	Shoreline Stabilization	SH-1, 2	x						Lake Sedimentation Workshops	x	x	x	x	x	x
		SH-3, 4		x											

Table 5-17: Timeline of Implementation, continued

Residential and Commercial Development	Pond retrofits and Wetland Retrofits	WET 9, WP 13, WP 7	x						Engage HOAs with Master Pond Manager Program						
		WP 2		x											
		WP 10			x										
		WP 12				x									
		WP 11A, 11B, 14, 15					x								
		All Remaining WPs and WETs						x							
	Low Impact Development BMPs	LID 22A, 22B	x												
		LID 24		x					Engage homeowners to participate in Carolina Yards program	x	x	x	x	x	x
		LID 23			x				Engage homeowners and private professionals to become a Master Rain Gardener	x	x	x	x	x	x
		LID 29				x									
		LID 5					x								
		All Remaining LIDs						x							
	Underground Detention	UD 1		x											
		UD 7 to 9, 10 to 13			x										
		UD 18				x									
		UD 2 to 6					x								
		All Remaining Uds						x							
	Green Roofs	All GRs						x							
	Conservation	FP-5a, 5b, 6,7, 12 (Phase I)	x						Set up Land Conservation Program	x					
		FP-4, 11, 13, 14(Phase II)		x					Implement Land Conservation Program	x	x	x	x	x	x
		FP-1, 5, 9 (Phase III)			x										
		FP-2, 3, 8, 10 (Phase IV)				x									
	Roads, Parking Areas	Street Sweeping	x	x	x	x	x	x							
		Catch Basin Cleaning	x	x	x	x	x	x							
	Lake Sediment	Locate and Identify Outfalls into Lakes	X						Engage Lake HOAs in sedimentation workshops	x	x	x	x	x	x
		Lake Sediment Removal	X	X											

Table 5-18: Timeline of Implementation, continued

Trash									Coordinate with shopping centers to increase good housekeeping practices	x	x	x	x	x	x
									Coordinate with Palmetto Pride for litter prevention education	x	x	x	x	x	x
Pet Waste	Pet Waste Stations	Identify areas with needs	x						Pet Owner Education / HOA Outreach	x	x	x	x	x	x
Fertilizer	Storm Drain Tagging	Coordinate with HOAs and civic organizations	x						Education/Workshops	x	x	x	x	x	x
		Property management firms engagement	x												
Construction Sites									Coordinate with MS4s to improve S&EC inspection / enforecement procedures	x	x				
									Coordinate with MS4s to update S&EC and vegetation estbalishment Guidelines and Requirements		x	x	x		
Wildlife															
Microbial Source Tracking	Initiate Microbial Source Tracking	GIL-TMDL-3, GIL-TMDL-4	x												

5.6 Measures of Success

5.6.1 Monitoring Program

Monitoring data for any waterbody is a crucial element that can assist in determining current conditions, developing targeted management strategies, and tracking progress over time. As discussed in Section 3.4, there are multiple monitoring programs in the watershed currently. It is recommended that additional monitoring be conducted to better pin-point sources of pollutants, to establish a solid baseline of conditions, to track progress made towards attaining water quality standards, and to track changes in stream and watershed condition as implementation of restoration projects occurs. This is also known as adaptive management. Some specific recommendations are provided here:

Microbial Source Tracking (MST) – Sources of bacteria throughout the watershed are cause for concern. Initiating a Microbial Source Tracking effort can identify the source of the bacteria (e.g. human, pets, and wildlife), which will then help managers control the problem. For example, if the source is indicated as canine, a focus on pet waste education and the installation of pet waste stations would be more helpful than if the human marker was detected; then the focus of this watershed-based plan would shift to searching for potential septic or sanitary sewer sources. Currently, Clemson University's Center for Watershed Excellence offers microbial source tracking for $350 per sample (for in-state clients). The samples must be immediately transported and/or shipped overnight in clean and secure coolers. The coolers must maintain samples at 40-50 degrees Fahrenheit. Please see https://www.clemson.edu/public/water/watershed/projects/qpcr.html for more details.

Developed-Area Stormwater Runoff

It is recommended to install a few monitoring locations at major outfalls of developed drainage areas. While currently-installed gages are useful for determining overall watershed health, having monitoring at major outfalls would be useful in understanding the specific causes of residential/commercial stormwater runoff, which is driven largely by impervious surface cover, especially given the cost of structural BMP retrofits.

Stream Monitoring – The sampling conducted by the City of Columbia, Richland County, Congaree Riverkeeper, and Adopt-A-Stream should be repeated regularly to track trends in baseflow water quality. Generally, all the four monitoring sites with the highest bacteria measurements (Table 5-9) are located near the main Gills Creek channel. Monitoring in the downstream sections of the tributary indicates a problem, but not necessarily the source. In the future, focus should shift to upstream sections above where high FC measurements are found. Suggestions are included in Table 5-17.

Table 5-19: Suggested Upstream Monitoring Locations

Station	Location	Upstream Opportunities
GIL-TMDL-3	Dare Circle (upstream of Arcadia Lakes)	Located in storm pipe in developed area; no apparent stream for sampling. May be a useful site to try MST
GIL-TMDL-4	Hampton Trace	Located in storm pipe in developed area; no apparent stream for sampling. May be a useful site to try MST
PB-0022	Pen Branch above Lake Katherine	Potential upstream sampling: • Pen Branch at AC Flora HS • Pen Branch at Richland Mall • Orphanage Branch at Sunnyside Dr.
CRK05	Below Lake Katherine	Potential upstream sampling: Wildcat Creek below Semmes Lake • at Fort Jackson Blvd. • at Semmes Rd. Wildcat Creek above Semmes Lake • at Lee Rd.

5.6.2 Nutrient, Sediment and Bacteria Loading Sources

Evaluation Method – In addition to the monitoring data proposed in section 5.6.1, the success of this watershed plan will be evaluated based on several criteria:

1. Urban Sources (Residential and Commercial land use types)
    a. The number of contacts for outreach/education (through television, billboards, etc.)
    b. The number of pet waste stations installed
    c. The number of marked storm drains
    d. The number of rain barrels distributed/voluntarily installed
    e. The amount of impervious surfaces treated by installation of stormwater retrofits
    f. The amount of impervious surfaces (streets and parking lots) serviced by street sweeping each year
    g. The number of catch basins cleaned each month
    h. The type and amount of trash collected (reported to the SC Aquarium Anecdata app)
2. Sediment Sources
    a. The number of attendees at lake sedimentation workshops
    b. The amount (ac-ft) of stormwater detained or infiltrated by stormwater retrofit projects
    c. The miles of stream channel and shoreline stabilized
    d. The length and width of riparian buffers that are enhanced and protected
3. Sewer Sources
    a. The number of attendees at FOG and wipes educational programs
    b. The length of sewer lines inspected and upgraded (coordinate with utilities)
    c. The measured reduction of SSOs reported per year
4. Septic Sources
    a. The number and location of septic systems identified and mapped
    b. The number of septic systems inspected
    c. The number of septic systems upgraded to more efficient systems
    d. The number of households on septic that connect to sanitary sewer system

6.0 Recommendations

Near-term recommendations from Table 5-13 will help **reduce nutrient loading** in the Gills Creek Watershed include:

- Ensuring that the existing stormwater infrastructure in the watershed are maintained properly in accordance with MS4 permits and SDHEC's Stormwater BMP Manual;
- Keeping the vegetated buffer around the tributaries and lakes intact; and
- Conducting the recommended outreach workshops, specifically strategies that homeowners should employ to use proper fertilization rates on lawns and keep debris out of the stormwater conveyance system.

Near-term recommendations from Table 5-13 that will help **reduce bacteria loading** into Gills Creek Watershed include:

- Determine the source of bacteria utilizing MST sampling protocols. This is the first step to initiating targeted projects to address specific sources (human, domestic animal, wildlife);
- Continuing GCWA outreach efforts to educate the public about the importance of proper pet waste disposal;
- Conducting a sanitary system assessment in the watershed to determine if there are any leaking pipes and manholes, particularly along stream and water crossings; and
- Determining the locations of any remaining septic systems and ensuring that they are maintained, or that the property owners connect to the sanitary sewer.

Near-term recommendations from Table 5-13 that will help **reduce sediment loading** into Gills Creek Watershed include:

- Initiating a conservation plan along the floodplains. This will likely involve partnerships with local government agencies, land trust organizations, and citizens to determine the scope of investment required (from jurisdictional regulations for publicly owned parcels, to assisting private land owners establish conservation easements, to obtaining funding for purchase of properties);
- Increasing riparian buffer protection ordinances and stormwater regulations; and
  Establishing sedimentation workshops and shoreline education programs for homeowners along the lake communities.

In the longer term, it is recommended that further evaluation of the priority list of potential stormwater and stream restoration sites be undertaken in future phases of this management plan. This evaluation should include detailed estimates for permitting and preliminary construction drawings. Communication with the owners of the private stormwater retrofit and stream restoration sites identified for priority consideration should also be started. Cooperation from these land owners will vary.

The City of Columbia and Richland County should also expand their maintenance program to include street sweeping and increased catch basin cleaning frequencies throughout the Gills Creek Watershed. This will require significant capital investment, as well as operator salaries, but it will produce quantifiable numbers for pollutant removal that can be used in future reporting.

7.0 References

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Appendix A – Historical Water Quality Monitoring Data

Appendix B – Hotspot Survey and Webmap Results

Appendix C – WTM Model Procedure and Output Summaries

Appendix D – All Potential Projects Overall Ranking

Appendix E – All Potential Project Rankings by HUC-12

Appendix F – Top Ten Potential Project Details

Appendix G – Conservation Project Details

Appendix A – Historical Water Quality Monitoring Data

ActivityStartDate	ActivityStartT	ActivitySta	MonitoringLocationIdentifier	Characterist	ResultSamp	ResultMeas	ResultMeasure
1999-01-13	10:00:00	EST	21SC60WQ_WQX-C-001	Alkalinity, to	Total	4	mg/l
1999-01-13	10:00:00	EST	21SC60WQ_WQX-C-001	Enterococcu	Total	5	#/100ml
1999-01-13	10:00:00	EST	21SC60WQ_WQX-C-001	Fecal Colifor	Total	25	#/100ml
1999-01-13	10:00:00	EST	21SC60WQ_WQX-C-001	Inorganic ni	Total	0.16	mg/l
1999-01-13	10:00:00	EST	21SC60WQ_WQX-C-001	Total susper	Total	10	mg/l
1999-01-13	10:00:00	EST	21SC60WQ_WQX-C-001	Turbidity	Total	11	NTU
1999-01-13	10:00:00	EST	21SC60WQ_WQX-C-001	Depth		0.3	m
1999-01-13	10:00:00	EST	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)		11.6	mg/l
1999-01-13	10:00:00	EST	21SC60WQ_WQX-C-001	pH		7.3	None
1999-01-13	10:00:00	EST	21SC60WQ_WQX-C-001	Temperature, water		7.5	deg C
1999-02-02	10:50:00	EST	21SC60WQ_WQX-C-001	Alkalinity, to	Total	5	mg/l
1999-02-02	10:50:00	EST	21SC60WQ_WQX-C-001	Cadmium	Total		
1999-02-02	10:50:00	EST	21SC60WQ_WQX-C-001	Chromium	Total	0.04	mg/l
1999-02-02	10:50:00	EST	21SC60WQ_WQX-C-001	Copper	Total		
1999-02-02	10:50:00	EST	21SC60WQ_WQX-C-001	Enterococcu	Total	330	#/100ml
1999-02-02	10:50:00	EST	21SC60WQ_WQX-C-001	Fecal Colifor	Total	390	#/100ml
1999-02-02	10:50:00	EST	21SC60WQ_WQX-C-001	Iron	Total	0.89	mg/l
1999-02-02	10:50:00	EST	21SC60WQ_WQX-C-001	Lead	Total		
1999-02-02	10:50:00	EST	21SC60WQ_WQX-C-001	Manganese	Total	0.03	mg/l
1999-02-02	10:50:00	EST	21SC60WQ_WQX-C-001	Mercury	Total		
1999-02-02	10:50:00	EST	21SC60WQ_WQX-C-001	Nickel	Total		
1999-02-02	10:50:00	EST	21SC60WQ_WQX-C-001	Inorganic ni	Total	0.17	mg/l
1999-02-02	10:50:00	EST	21SC60WQ_WQX-C-001	Total susper	Total	20	mg/l
1999-02-02	10:50:00	EST	21SC60WQ_WQX-C-001	Turbidity	Total	20	NTU
1999-02-02	10:50:00	EST	21SC60WQ_WQX-C-001	Zinc	Total	0.02	mg/l
1999-02-02	10:50:00	EST	21SC60WQ_WQX-C-001	Depth		0.3	m
1999-02-02	10:50:00	EST	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)		9.9	mg/l
1999-02-02	10:50:00	EST	21SC60WQ_WQX-C-001	pH		6.82	None
1999-02-02	10:50:00	EST	21SC60WQ_WQX-C-001	Temperature, water		11	deg C
1999-03-02	11:50:00	EST	21SC60WQ_WQX-C-001	Alkalinity, to	Total	5	mg/l
1999-03-02	11:50:00	EST	21SC60WQ_WQX-C-001	Enterococcu	Total	22	#/100ml
1999-03-02	11:50:00	EST	21SC60WQ_WQX-C-001	Fecal Colifor	Total	400	#/100ml
1999-03-02	11:50:00	EST	21SC60WQ_WQX-C-001	Inorganic ni	Total	0.09	mg/l
1999-03-02	11:50:00	EST	21SC60WQ_WQX-C-001	Total susper	Total	10	mg/l
1999-03-02	11:50:00	EST	21SC60WQ_WQX-C-001	Turbidity	Total	7.2	NTU
1999-03-02	11:50:00	EST	21SC60WQ_WQX-C-001	Depth		0.3	m
1999-03-02	11:50:00	EST	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)		11.4	mg/l
1999-03-02	11:50:00	EST	21SC60WQ_WQX-C-001	pH		6.86	None
1999-03-02	11:50:00	EST	21SC60WQ_WQX-C-001	Temperature, water		13	deg C
1999-04-13	12:30:00	EST	21SC60WQ_WQX-C-001	Alkalinity, to	Total	7	mg/l
1999-04-13	12:30:00	EST	21SC60WQ_WQX-C-001	Enterococcu	Total	78	#/100ml
1999-04-13	12:30:00	EST	21SC60WQ_WQX-C-001	Fecal Colifor	Total	240	#/100ml
1999-04-13	12:30:00	EST	21SC60WQ_WQX-C-001	Inorganic ni	Total	0.04	mg/l
1999-04-13	12:30:00	EST	21SC60WQ_WQX-C-001	Total susper	Total	16	mg/l
1999-04-13	12:30:00	EST	21SC60WQ_WQX-C-001	Turbidity	Total	17	NTU
1999-04-13	12:30:00	EST	21SC60WQ_WQX-C-001	Depth		0.3	m
1999-04-13	12:30:00	EST	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)		8.15	mg/l
1999-04-13	12:30:00	EST	21SC60WQ_WQX-C-001	pH		6.58	None
1999-04-13	12:30:00	EST	21SC60WQ_WQX-C-001	Temperature, water		20.5	deg C
1999-05-11	09:00:00	EST	21SC60WQ_WQX-C-001	Alkalinity, to	Total	9	mg/l
1999-05-11	09:00:00	EST	21SC60WQ_WQX-C-001	Cadmium	Total		
1999-05-11	09:00:00	EST	21SC60WQ_WQX-C-001	Chromium	Total		
1999-05-11	09:00:00	EST	21SC60WQ_WQX-C-001	Copper	Total		

1999-05-11	09:00:00	EST	21SC60WQ_WQX-C-001	Enterococcu	Total	59	#/100ml
1999-05-11	09:00:00	EST	21SC60WQ_WQX-C-001	Fecal Colifor	Total	91	#/100ml
1999-05-11	09:00:00	EST	21SC60WQ_WQX-C-001	Iron	Total	0.82	mg/l
1999-05-11	09:00:00	EST	21SC60WQ_WQX-C-001	Lead	Total		
1999-05-11	09:00:00	EST	21SC60WQ_WQX-C-001	Manganese	Total	0.04	mg/l
1999-05-11	09:00:00	EST	21SC60WQ_WQX-C-001	Mercury	Total		
1999-05-11	09:00:00	EST	21SC60WQ_WQX-C-001	Nickel	Total		
1999-05-11	09:00:00	EST	21SC60WQ_WQX-C-001	Ammonia	Total		
1999-05-11	09:00:00	EST	21SC60WQ_WQX-C-001	Inorganic ni	Total	0.05	mg/l
1999-05-11	09:00:00	EST	21SC60WQ_WQX-C-001	Total susper	Total	12	mg/l
1999-05-11	09:00:00	EST	21SC60WQ_WQX-C-001	Turbidity	Total	7.7	NTU
1999-05-11	09:00:00	EST	21SC60WQ_WQX-C-001	Zinc	Total	0.02	mg/l
1999-05-11	09:00:00	EST	21SC60WQ_WQX-C-001	Depth		0.3	m
1999-05-11	09:00:00	EST	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)		8.4	mg/l
1999-05-11	09:00:00	EST	21SC60WQ_WQX-C-001	pH		6.7	None
1999-05-11	09:00:00	EST	21SC60WQ_WQX-C-001	Temperature, water		21.5	deg C
1999-06-30	08:45:00	EST	21SC60WQ_WQX-C-001	Alkalinity, tc	Total	8	mg/l
1999-06-30	08:45:00	EST	21SC60WQ_WQX-C-001	Enterococcu	Total	86	#/100ml
1999-06-30	08:45:00	EST	21SC60WQ_WQX-C-001	Fecal Colifor	Total	460	#/100ml
1999-06-30	08:45:00	EST	21SC60WQ_WQX-C-001	Total susper	Total	14	mg/l
1999-06-30	08:45:00	EST	21SC60WQ_WQX-C-001	Turbidity	Total	18	NTU
1999-06-30	08:45:00	EST	21SC60WQ_WQX-C-001	Depth		0.3	m
1999-06-30	08:45:00	EST	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)		7.4	mg/l
1999-06-30	08:45:00	EST	21SC60WQ_WQX-C-001	pH		7.26	None
1999-06-30	08:45:00	EST	21SC60WQ_WQX-C-001	Temperature, water		26	deg C
1999-07-19	11:25:00	EST	21SC60WQ_WQX-C-001	Alkalinity, tc	Total	9	mg/l
1999-07-19	11:25:00	EST	21SC60WQ_WQX-C-001	Enterococcu	Total	40	#/100ml
1999-07-19	11:25:00	EST	21SC60WQ_WQX-C-001	Fecal Colifor	Total	180	#/100ml
1999-07-19	11:25:00	EST	21SC60WQ_WQX-C-001	Inorganic ni	Total	0.03	mg/l
1999-07-19	11:25:00	EST	21SC60WQ_WQX-C-001	Turbidity	Total	11	NTU
1999-07-19	11:25:00	EST	21SC60WQ_WQX-C-001	Depth		0.3	m
1999-07-19	11:25:00	EST	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)		7	mg/l
1999-07-19	11:25:00	EST	21SC60WQ_WQX-C-001	pH		6.95	None
1999-07-19	11:25:00	EST	21SC60WQ_WQX-C-001	Temperature, water		28.5	deg C
1999-08-11	10:40:00	EST	21SC60WQ_WQX-C-001	Alkalinity, tc	Total	11	mg/l
1999-08-11	10:40:00	EST	21SC60WQ_WQX-C-001	Cadmium	Total		
1999-08-11	10:40:00	EST	21SC60WQ_WQX-C-001	Chromium	Total		
1999-08-11	10:40:00	EST	21SC60WQ_WQX-C-001	Copper	Total		
1999-08-11	10:40:00	EST	21SC60WQ_WQX-C-001	Enterococcu	Total	370	#/100ml
1999-08-11	10:40:00	EST	21SC60WQ_WQX-C-001	Fecal Colifor	Total	14000	#/100ml
1999-08-11	10:40:00	EST	21SC60WQ_WQX-C-001	Iron	Total	1.2	mg/l
1999-08-11	10:40:00	EST	21SC60WQ_WQX-C-001	Lead	Total		
1999-08-11	10:40:00	EST	21SC60WQ_WQX-C-001	Manganese	Total	0.08	mg/l
1999-08-11	10:40:00	EST	21SC60WQ_WQX-C-001	Mercury	Total		
1999-08-11	10:40:00	EST	21SC60WQ_WQX-C-001	Nickel	Total		
1999-08-11	10:40:00	EST	21SC60WQ_WQX-C-001	Inorganic ni	Total	0.13	mg/l
1999-08-11	10:40:00	EST	21SC60WQ_WQX-C-001	Total susper	Total	13	mg/l
1999-08-11	10:40:00	EST	21SC60WQ_WQX-C-001	Turbidity	Total	12	NTU
1999-08-11	10:40:00	EST	21SC60WQ_WQX-C-001	Zinc	Total	0.02	mg/l
1999-08-11	10:40:00	EST	21SC60WQ_WQX-C-001	Depth		0.3	m
1999-08-11	10:40:00	EST	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)		4	mg/l
1999-08-11	10:40:00	EST	21SC60WQ_WQX-C-001	pH		6.34	None
1999-08-11	10:40:00	EST	21SC60WQ_WQX-C-001	Temperature, water		29.5	deg C
1999-09-16	10:15:00	EST	21SC60WQ_WQX-C-001	Alkalinity, tc	Total	9	mg/l

1999-09-16	10:15:00	EST	21SC60WQ_WQX-C-001	Enterococcu	Total	490	#/100ml
1999-09-16	10:15:00	EST	21SC60WQ_WQX-C-001	Fecal Colifor	Total	4400	#/100ml
1999-09-16	10:15:00	EST	21SC60WQ_WQX-C-001	Inorganic ni	Total		
1999-09-16	10:15:00	EST	21SC60WQ_WQX-C-001	Total susper	Total	17	mg/l
1999-09-16	10:15:00	EST	21SC60WQ_WQX-C-001	Turbidity	Total	26	NTU
1999-09-16	10:15:00	EST	21SC60WQ_WQX-C-001	Depth		0.3	m
1999-09-16	10:15:00	EST	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)		8.05	mg/l
1999-09-16	10:15:00	EST	21SC60WQ_WQX-C-001	pH		7.41	None
1999-09-16	10:15:00	EST	21SC60WQ_WQX-C-001	Temperature, water		22.5	deg C
1999-10-19	11:40:00	EST	21SC60WQ_WQX-C-001	Alkalinity, to	Total	8	mg/l
1999-10-19	11:40:00	EST	21SC60WQ_WQX-C-001	Enterococcu	Total	38	#/100ml
1999-10-19	11:40:00	EST	21SC60WQ_WQX-C-001	Fecal Colifor	Total	580	#/100ml
1999-10-19	11:40:00	EST	21SC60WQ_WQX-C-001	Ammonia	Total		
1999-10-19	11:40:00	EST	21SC60WQ_WQX-C-001	Inorganic ni	Total	0.05	mg/l
1999-10-19	11:40:00	EST	21SC60WQ_WQX-C-001	Total susper	Total	14	mg/l
1999-10-19	11:40:00	EST	21SC60WQ_WQX-C-001	Turbidity	Total	14	NTU
1999-10-19	11:40:00	EST	21SC60WQ_WQX-C-001	Depth		0.3	m
1999-10-19	11:40:00	EST	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)		8.85	mg/l
1999-10-19	11:40:00	EST	21SC60WQ_WQX-C-001	pH		7.61	None
1999-10-19	11:40:00	EST	21SC60WQ_WQX-C-001	Temperature, water		21	deg C
1999-11-08	12:35:00	EST	21SC60WQ_WQX-C-001	Alkalinity, to	Total	32	mg/l
1999-11-08	12:35:00	EST	21SC60WQ_WQX-C-001	Cadmium	Total		
1999-11-08	12:35:00	EST	21SC60WQ_WQX-C-001	Chromium	Total		
1999-11-08	12:35:00	EST	21SC60WQ_WQX-C-001	Copper	Total		
1999-11-08	12:35:00	EST	21SC60WQ_WQX-C-001	Enterococcu	Total	26	#/100ml
1999-11-08	12:35:00	EST	21SC60WQ_WQX-C-001	Fecal Colifor	Total	220	#/100ml
1999-11-08	12:35:00	EST	21SC60WQ_WQX-C-001	Iron	Total	0.69	mg/l
1999-11-08	12:35:00	EST	21SC60WQ_WQX-C-001	Lead	Total		
1999-11-08	12:35:00	EST	21SC60WQ_WQX-C-001	Manganese	Total	0.04	mg/l
1999-11-08	12:35:00	EST	21SC60WQ_WQX-C-001	Mercury	Total		
1999-11-08	12:35:00	EST	21SC60WQ_WQX-C-001	Nickel	Total		
1999-11-08	12:35:00	EST	21SC60WQ_WQX-C-001	Inorganic ni	Total	0.05	mg/l
1999-11-08	12:35:00	EST	21SC60WQ_WQX-C-001	Total susper	Total	10	mg/l
1999-11-08	12:35:00	EST	21SC60WQ_WQX-C-001	Turbidity	Total	6	NTU
1999-11-08	12:35:00	EST	21SC60WQ_WQX-C-001	Zinc	Total	0.03	mg/l
1999-11-08	12:35:00	EST	21SC60WQ_WQX-C-001	Depth		0.3	m
1999-11-08	12:35:00	EST	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)		9.7	mg/l
1999-11-08	12:35:00	EST	21SC60WQ_WQX-C-001	pH		7.43	None
1999-11-08	12:35:00	EST	21SC60WQ_WQX-C-001	Temperature, water		16.5	deg C
1999-12-15	10:20:00	EST	21SC60WQ_WQX-C-001	Alkalinity, to	Total	7	mg/l
1999-12-15	10:20:00	EST	21SC60WQ_WQX-C-001	Enterococcu	Total	58	#/100ml
1999-12-15	10:20:00	EST	21SC60WQ_WQX-C-001	Fecal Colifor	Total	210	#/100ml
1999-12-15	10:20:00	EST	21SC60WQ_WQX-C-001	Inorganic ni	Total	0.03	mg/l
1999-12-15	10:20:00	EST	21SC60WQ_WQX-C-001	Total susper	Total	17	mg/l
1999-12-15	10:20:00	EST	21SC60WQ_WQX-C-001	Turbidity	Total	17	NTU
1999-12-15	10:20:00	EST	21SC60WQ_WQX-C-001	Depth		0.3	m
1999-12-15	10:20:00	EST	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)		9.5	mg/l
1999-12-15	10:20:00	EST	21SC60WQ_WQX-C-001	pH		6.85	None
1999-12-15	10:20:00	EST	21SC60WQ_WQX-C-001	Temperature, water		2.5	deg C
2000-01-18	09:40:00	EST	21SC60WQ_WQX-C-001	Alkalinity, to	Total	6	mg/l
2000-01-18	09:40:00	EST	21SC60WQ_WQX-C-001	Enterococcu	Total	650	#/100ml
2000-01-18	09:40:00	EST	21SC60WQ_WQX-C-001	Fecal Colifor	Total	480	#/100ml
2000-01-18	09:40:00	EST	21SC60WQ_WQX-C-001	Inorganic ni	Total	0.23	mg/l
2000-01-18	09:40:00	EST	21SC60WQ_WQX-C-001	Total susper	Total	13	mg/l

2000-01-18	09:40:00	EST	21SC60WQ_WQX-C-001	Turbidity	Total	16	NTU
2000-01-18	09:40:00	EST	21SC60WQ_WQX-C-001	Depth		0.3	m
2000-01-18	09:40:00	EST	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)		11.3	mg/l
2000-01-18	09:40:00	EST	21SC60WQ_WQX-C-001	pH		8.45	None
2000-01-18	09:40:00	EST	21SC60WQ_WQX-C-001	Temperature, water		7.5	deg C
2000-02-03	13:45:00	EST	21SC60WQ_WQX-C-001	Alkalinity, tc	Total	3	mg/l
2000-02-03	13:45:00	EST	21SC60WQ_WQX-C-001	Cadmium	Total		
2000-02-03	13:45:00	EST	21SC60WQ_WQX-C-001	Chromium	Total		
2000-02-03	13:45:00	EST	21SC60WQ_WQX-C-001	Copper	Total		
2000-02-03	13:45:00	EST	21SC60WQ_WQX-C-001	Enterococcu	Total	2	#/100ml
2000-02-03	13:45:00	EST	21SC60WQ_WQX-C-001	Fecal Colifor	Total	5	#/100ml
2000-02-03	13:45:00	EST	21SC60WQ_WQX-C-001	Hardness, C	Total	9	mg/l
2000-02-03	13:45:00	EST	21SC60WQ_WQX-C-001	Iron	Total	0.48	mg/l
2000-02-03	13:45:00	EST	21SC60WQ_WQX-C-001	Lead	Total		
2000-02-03	13:45:00	EST	21SC60WQ_WQX-C-001	Manganese	Total	0.04	mg/l
2000-02-03	13:45:00	EST	21SC60WQ_WQX-C-001	Mercury	Total		
2000-02-03	13:45:00	EST	21SC60WQ_WQX-C-001	Nickel	Total		
2000-02-03	13:45:00	EST	21SC60WQ_WQX-C-001	Kjeldahl nitr	Total		
2000-02-03	13:45:00	EST	21SC60WQ_WQX-C-001	Inorganic ni	Total	0.16	mg/l
2000-02-03	13:45:00	EST	21SC60WQ_WQX-C-001	Total susper	Total	11	mg/l
2000-02-03	13:45:00	EST	21SC60WQ_WQX-C-001	Turbidity	Total	18	NTU
2000-02-03	13:45:00	EST	21SC60WQ_WQX-C-001	Zinc	Total		
2000-02-03	13:45:00	EST	21SC60WQ_WQX-C-001	Nitrogen	Total		
2000-02-03	13:45:00	EST	21SC60WQ_WQX-C-001	Depth		0.3	m
2000-02-03	13:45:00	EST	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)		12	mg/l
2000-02-03	13:45:00	EST	21SC60WQ_WQX-C-001	pH		8.34	None
2000-02-03	13:45:00	EST	21SC60WQ_WQX-C-001	Temperature, water		8	deg C
2000-03-15	12:15:00	EST	21SC60WQ_WQX-C-001	Alkalinity, tc	Total	5	mg/l
2000-03-15	12:15:00	EST	21SC60WQ_WQX-C-001	Enterococcu	Total	34	#/100ml
2000-03-15	12:15:00	EST	21SC60WQ_WQX-C-001	Fecal Colifor	Total	74	#/100ml
2000-03-15	12:15:00	EST	21SC60WQ_WQX-C-001	Inorganic ni	Total	0.07	mg/l
2000-03-15	12:15:00	EST	21SC60WQ_WQX-C-001	Total susper	Total	22	mg/l
2000-03-15	12:15:00	EST	21SC60WQ_WQX-C-001	Turbidity	Total	37	NTU
2000-03-15	12:15:00	EST	21SC60WQ_WQX-C-001	Depth		0.3	m
2000-03-15	12:15:00	EST	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)		9.4	mg/l
2000-03-15	12:15:00	EST	21SC60WQ_WQX-C-001	pH		7.76	None
2000-03-15	12:15:00	EST	21SC60WQ_WQX-C-001	Temperature, water		16	deg C
2000-04-04	09:30:00	EST	21SC60WQ_WQX-C-001	Alkalinity, tc	Total	10	mg/l
2000-04-04	09:30:00	EST	21SC60WQ_WQX-C-001	Enterococcu	Total	70	#/100ml
2000-04-04	09:30:00	EST	21SC60WQ_WQX-C-001	Fecal Colifor	Total	60	#/100ml
2000-04-04	09:30:00	EST	21SC60WQ_WQX-C-001	Inorganic ni	Total	0.2	mg/l
2000-04-04	09:30:00	EST	21SC60WQ_WQX-C-001	Total susper	Total	13	mg/l
2000-04-04	09:30:00	EST	21SC60WQ_WQX-C-001	Turbidity	Total	17	NTU
2000-04-04	09:30:00	EST	21SC60WQ_WQX-C-001	Depth		0.3	m
2000-04-04	09:30:00	EST	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)		6.6	mg/l
2000-04-04	09:30:00	EST	21SC60WQ_WQX-C-001	pH		6.24	None
2000-04-04	09:30:00	EST	21SC60WQ_WQX-C-001	Temperature, water		19.5	deg C
2000-05-11	09:55:00	EST	21SC60WQ_WQX-C-001	Alkalinity, tc	Total	10	mg/l
2000-05-11	09:55:00	EST	21SC60WQ_WQX-C-001	Cadmium	Total		
2000-05-11	09:55:00	EST	21SC60WQ_WQX-C-001	Chromium	Total		
2000-05-11	09:55:00	EST	21SC60WQ_WQX-C-001	Copper	Total		
2000-05-11	09:55:00	EST	21SC60WQ_WQX-C-001	Enterococcu	Total	37	#/100ml
2000-05-11	09:55:00	EST	21SC60WQ_WQX-C-001	Fecal Colifor	Total	190	#/100ml
2000-05-11	09:55:00	EST	21SC60WQ_WQX-C-001	Iron	Total	1.2	mg/l

2000-05-11	09:55:00	EST	21SC60WQ_WQX-C-001	Lead	Total		
2000-05-11	09:55:00	EST	21SC60WQ_WQX-C-001	Manganese	Total	0.06	mg/l
2000-05-11	09:55:00	EST	21SC60WQ_WQX-C-001	Mercury	Total		
2000-05-11	09:55:00	EST	21SC60WQ_WQX-C-001	Nickel	Total		
2000-05-11	09:55:00	EST	21SC60WQ_WQX-C-001	Inorganic ni	Total	0.1	mg/l
2000-05-11	09:55:00	EST	21SC60WQ_WQX-C-001	Total susper	Total	19	mg/l
2000-05-11	09:55:00	EST	21SC60WQ_WQX-C-001	Turbidity	Total	15	NTU
2000-05-11	09:55:00	EST	21SC60WQ_WQX-C-001	Zinc	Total	0.01	mg/l
2000-05-11	09:55:00	EST	21SC60WQ_WQX-C-001	Depth		0.3	m
2000-05-11	09:55:00	EST	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)		5	mg/l
2000-05-11	09:55:00	EST	21SC60WQ_WQX-C-001	pH		6.81	None
2000-05-11	09:55:00	EST	21SC60WQ_WQX-C-001	Temperature, water		23	deg C
2000-06-07	13:05:00	EST	21SC60WQ_WQX-C-001	Alkalinity, to	Total	9	mg/l
2000-06-07	13:05:00	EST	21SC60WQ_WQX-C-001	Enterococcu	Total	230	#/100ml
2000-06-07	13:05:00	EST	21SC60WQ_WQX-C-001	Fecal Colifoı	Total	1700	#/100ml
2000-06-07	13:05:00	EST	21SC60WQ_WQX-C-001	Ammonia	Total		
2000-06-07	13:05:00	EST	21SC60WQ_WQX-C-001	Inorganic ni	Total	0.06	mg/l
2000-06-07	13:05:00	EST	21SC60WQ_WQX-C-001	Turbidity	Total	30	NTU
2000-06-07	13:05:00	EST	21SC60WQ_WQX-C-001	Depth		0.3	m
2000-06-07	13:05:00	EST	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)		8	mg/l
2000-06-07	13:05:00	EST	21SC60WQ_WQX-C-001	pH		7.03	None
2000-06-07	13:05:00	EST	21SC60WQ_WQX-C-001	Temperature, water		28.5	deg C
2000-07-18	09:15:00	EST	21SC60WQ_WQX-C-001	Alkalinity, to	Total	13	mg/l
2000-07-18	09:15:00	EST	21SC60WQ_WQX-C-001	Enterococcu	Total	78	#/100ml
2000-07-18	09:15:00	EST	21SC60WQ_WQX-C-001	Fecal Colifoı	Total	220	#/100ml
2000-07-18	09:15:00	EST	21SC60WQ_WQX-C-001	Inorganic ni	Total	0.09	mg/l
2000-07-18	09:15:00	EST	21SC60WQ_WQX-C-001	Total susper	Total	15	mg/l
2000-07-18	09:15:00	EST	21SC60WQ_WQX-C-001	Turbidity	Total	7.4	NTU
2000-07-18	09:15:00	EST	21SC60WQ_WQX-C-001	Depth		0.3	m
2000-07-18	09:15:00	EST	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)		3.75	mg/l
2000-07-18	09:15:00	EST	21SC60WQ_WQX-C-001	pH		6.94	None
2000-07-18	09:15:00	EST	21SC60WQ_WQX-C-001	Temperature, water		27.5	deg C
2000-08-02	09:05:00	EST	21SC60WQ_WQX-C-001	Alkalinity, to	Total	13	mg/l
2000-08-02	09:05:00	EST	21SC60WQ_WQX-C-001	Cadmium	Total		
2000-08-02	09:05:00	EST	21SC60WQ_WQX-C-001	Chromium	Total		
2000-08-02	09:05:00	EST	21SC60WQ_WQX-C-001	Copper	Total		
2000-08-02	09:05:00	EST	21SC60WQ_WQX-C-001	Enterococcu	Total	98	#/100ml
2000-08-02	09:05:00	EST	21SC60WQ_WQX-C-001	Fecal Colifoı	Total	820	#/100ml
2000-08-02	09:05:00	EST	21SC60WQ_WQX-C-001	Iron	Total	0.93	mg/l
2000-08-02	09:05:00	EST	21SC60WQ_WQX-C-001	Lead	Total		
2000-08-02	09:05:00	EST	21SC60WQ_WQX-C-001	Manganese	Total	0.07	mg/l
2000-08-02	09:05:00	EST	21SC60WQ_WQX-C-001	Mercury	Total		
2000-08-02	09:05:00	EST	21SC60WQ_WQX-C-001	Nickel	Total		
2000-08-02	09:05:00	EST	21SC60WQ_WQX-C-001	Inorganic ni	Total		
2000-08-02	09:05:00	EST	21SC60WQ_WQX-C-001	Total susper	Total	27	mg/l
2000-08-02	09:05:00	EST	21SC60WQ_WQX-C-001	Turbidity	Total	25	NTU
2000-08-02	09:05:00	EST	21SC60WQ_WQX-C-001	Zinc	Total	0.02	mg/l
2000-08-02	09:05:00	EST	21SC60WQ_WQX-C-001	Depth		0.3	m
2000-08-02	09:05:00	EST	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)		7.2	mg/l
2000-08-02	09:05:00	EST	21SC60WQ_WQX-C-001	pH		7.03	None
2000-08-02	09:05:00	EST	21SC60WQ_WQX-C-001	Temperature, water		27.5	deg C
2000-09-05	11:45:00	EST	21SC60WQ_WQX-C-001	Alkalinity, to	Total	12	mg/l
2000-09-05	11:45:00	EST	21SC60WQ_WQX-C-001	Enterococcu	Total	38	#/100ml
2000-09-05	11:45:00	EST	21SC60WQ_WQX-C-001	Fecal Colifoı	Total	220	#/100ml

2000-09-05	11:45:00	EST	21SC60WQ_WQX-C-001	Inorganic ni	Total	0.03	mg/l
2000-09-05	11:45:00	EST	21SC60WQ_WQX-C-001	Total susper	Total	17	mg/l
2000-09-05	11:45:00	EST	21SC60WQ_WQX-C-001	Turbidity	Total	7.4	NTU
2000-09-05	11:45:00	EST	21SC60WQ_WQX-C-001	Depth		0.3	m
2000-09-05	11:45:00	EST	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)		6.75	mg/l
2000-09-05	11:45:00	EST	21SC60WQ_WQX-C-001	pH		6.87	None
2000-09-05	11:45:00	EST	21SC60WQ_WQX-C-001	Temperature, water		26.5	deg C
2000-10-11	09:15:00	EST	21SC60WQ_WQX-C-001	Alkalinity, to	Total	8	mg/l
2000-10-11	09:15:00	EST	21SC60WQ_WQX-C-001	Enterococcu	Total	26	#/100ml
2000-10-11	09:15:00	EST	21SC60WQ_WQX-C-001	Fecal Colifo	Total	100	#/100ml
2000-10-11	09:15:00	EST	21SC60WQ_WQX-C-001	Inorganic ni	Total	0.06	mg/l
2000-10-11	09:15:00	EST	21SC60WQ_WQX-C-001	Total susper	Total	10	mg/l
2000-10-11	09:15:00	EST	21SC60WQ_WQX-C-001	Turbidity	Total	8.8	NTU
2000-10-11	09:15:00	EST	21SC60WQ_WQX-C-001	Depth		0.3	m
2000-10-11	09:15:00	EST	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)		7.75	mg/l
2000-10-11	09:15:00	EST	21SC60WQ_WQX-C-001	pH		5.81	None
2000-10-11	09:15:00	EST	21SC60WQ_WQX-C-001	Temperature, water		12.5	deg C
2000-11-08	09:36:00	EST	21SC60WQ_WQX-C-001	Alkalinity, to	Total	12	mg/l
2000-11-08	09:36:00	EST	21SC60WQ_WQX-C-001	Cadmium	Total		
2000-11-08	09:36:00	EST	21SC60WQ_WQX-C-001	Chromium	Total		
2000-11-08	09:36:00	EST	21SC60WQ_WQX-C-001	Copper	Total		
2000-11-08	09:36:00	EST	21SC60WQ_WQX-C-001	Enterococcu	Total	41	#/100ml
2000-11-08	09:36:00	EST	21SC60WQ_WQX-C-001	Fecal Colifo	Total	87	#/100ml
2000-11-08	09:36:00	EST	21SC60WQ_WQX-C-001	Iron	Total	0.97	mg/l
2000-11-08	09:36:00	EST	21SC60WQ_WQX-C-001	Lead	Total		
2000-11-08	09:36:00	EST	21SC60WQ_WQX-C-001	Manganese	Total	0.05	mg/l
2000-11-08	09:36:00	EST	21SC60WQ_WQX-C-001	Mercury	Total		
2000-11-08	09:36:00	EST	21SC60WQ_WQX-C-001	Nickel	Total		
2000-11-08	09:36:00	EST	21SC60WQ_WQX-C-001	Inorganic ni	Total	0.03	mg/l
2000-11-08	09:36:00	EST	21SC60WQ_WQX-C-001	Total susper	Total	12	mg/l
2000-11-08	09:36:00	EST	21SC60WQ_WQX-C-001	Turbidity	Total	6.1	NTU
2000-11-08	09:36:00	EST	21SC60WQ_WQX-C-001	Zinc	Total	0.02	mg/l
2000-11-08	09:36:00	EST	21SC60WQ_WQX-C-001	Depth		0.3	m
2000-11-08	09:36:00	EST	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)		6.5	mg/l
2000-11-08	09:36:00	EST	21SC60WQ_WQX-C-001	pH		7.67	None
2000-11-08	09:36:00	EST	21SC60WQ_WQX-C-001	Temperature, water		19	deg C
2000-12-05	08:55:00	EST	21SC60WQ_WQX-C-001	Alkalinity, to	Total	8	mg/l
2000-12-05	08:55:00	EST	21SC60WQ_WQX-C-001	Enterococcu	Total	18	#/100ml
2000-12-05	08:55:00	EST	21SC60WQ_WQX-C-001	Fecal Colifo	Total	38	#/100ml
2000-12-05	08:55:00	EST	21SC60WQ_WQX-C-001	Inorganic ni	Total	0.04	mg/l
2000-12-05	08:55:00	EST	21SC60WQ_WQX-C-001	Total susper	Total	6.8	mg/l
2000-12-05	08:55:00	EST	21SC60WQ_WQX-C-001	Turbidity	Total	7.7	NTU
2000-12-05	08:55:00	EST	21SC60WQ_WQX-C-001	Depth		0.3	m
2000-12-05	08:55:00	EST	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)		10.8	mg/l
2000-12-05	08:55:00	EST	21SC60WQ_WQX-C-001	pH		9.35	None
2000-12-05	08:55:00	EST	21SC60WQ_WQX-C-001	Temperature, water		6.5	deg C
2001-01-10	09:10:00	EST	21SC60WQ_WQX-C-001	Biochemical	Total		
2001-01-10	09:10:00	EST	21SC60WQ_WQX-C-001	Enterococcu	Total	52	#/100ml
2001-01-10	09:10:00	EST	21SC60WQ_WQX-C-001	Fecal Colifo	Total	83	#/100ml
2001-01-10	09:10:00	EST	21SC60WQ_WQX-C-001	Inorganic ni	Total	0.1	mg/l
2001-01-10	09:10:00	EST	21SC60WQ_WQX-C-001	Total susper	Total	8	mg/l
2001-01-10	09:10:00	EST	21SC60WQ_WQX-C-001	Turbidity	Total	8.6	NTU
2001-01-10	09:10:00	EST	21SC60WQ_WQX-C-001	Depth		0.3	m
2001-01-10	09:10:00	EST	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)		9.35	mg/l

2001-01-10	09:10:00	EST	21SC60WQ_WQX-C-001	pH		5.36	None
2001-01-10	09:10:00	EST	21SC60WQ_WQX-C-001	Temperature, water		5	deg C
2001-02-26	10:05:00	EST	21SC60WQ_WQX-C-001	Alkalinity, to	Total	6	mg/l
2001-02-26	10:05:00	EST	21SC60WQ_WQX-C-001	Biochemical	Total		
2001-02-26	10:05:00	EST	21SC60WQ_WQX-C-001	Cadmium	Total		
2001-02-26	10:05:00	EST	21SC60WQ_WQX-C-001	Organic carl	Total		
2001-02-26	10:05:00	EST	21SC60WQ_WQX-C-001	Chromium	Total		
2001-02-26	10:05:00	EST	21SC60WQ_WQX-C-001	Copper	Total		
2001-02-26	10:05:00	EST	21SC60WQ_WQX-C-001	Enterococcu	Total	19	#/100ml
2001-02-26	10:05:00	EST	21SC60WQ_WQX-C-001	Fecal Colifor	Total	62	#/100ml
2001-02-26	10:05:00	EST	21SC60WQ_WQX-C-001	Hardness, C	Total	8	mg/l
2001-02-26	10:05:00	EST	21SC60WQ_WQX-C-001	Iron	Total	0.59	mg/l
2001-02-26	10:05:00	EST	21SC60WQ_WQX-C-001	Lead	Total		
2001-02-26	10:05:00	EST	21SC60WQ_WQX-C-001	Manganese	Total	0.02	mg/l
2001-02-26	10:05:00	EST	21SC60WQ_WQX-C-001	Mercury	Total		
2001-02-26	10:05:00	EST	21SC60WQ_WQX-C-001	Nickel	Total		
2001-02-26	10:05:00	EST	21SC60WQ_WQX-C-001	Inorganic ni	Total	0.11	mg/l
2001-02-26	10:05:00	EST	21SC60WQ_WQX-C-001	Total susper	Total	13	mg/l
2001-02-26	10:05:00	EST	21SC60WQ_WQX-C-001	Turbidity	Total	15	NTU
2001-02-26	10:05:00	EST	21SC60WQ_WQX-C-001	Zinc	Total		
2001-02-26	10:05:00	EST	21SC60WQ_WQX-C-001	Depth		0.3	m
2001-02-26	10:05:00	EST	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)		8.24	mg/l
2001-02-26	10:05:00	EST	21SC60WQ_WQX-C-001	pH		7.81	None
2001-02-26	10:05:00	EST	21SC60WQ_WQX-C-001	Temperature, water		15.8	deg C
2001-03-26	09:25:00	EST	21SC60WQ_WQX-C-001	Biochemical	Total		
2001-03-26	09:25:00	EST	21SC60WQ_WQX-C-001	Enterococcu	Total	5	#/100ml
2001-03-26	09:25:00	EST	21SC60WQ_WQX-C-001	Fecal Colifor	Total	41	#/100ml
2001-03-26	09:25:00	EST	21SC60WQ_WQX-C-001	Inorganic ni	Total	0.15	mg/l
2001-03-26	09:25:00	EST	21SC60WQ_WQX-C-001	Total susper	Total	10	mg/l
2001-03-26	09:25:00	EST	21SC60WQ_WQX-C-001	Turbidity	Total	13	NTU
2001-03-26	09:25:00	EST	21SC60WQ_WQX-C-001	Depth		0.3	m
2001-03-26	09:25:00	EST	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)		9.07	mg/l
2001-03-26	09:25:00	EST	21SC60WQ_WQX-C-001	pH		6.85	None
2001-03-26	09:25:00	EST	21SC60WQ_WQX-C-001	Temperature, water		13.1	deg C
2001-04-04	12:05:00	EST	21SC60WQ_WQX-C-001	Alkalinity, to	Total	7	mg/l
2001-04-04	12:05:00	EST	21SC60WQ_WQX-C-001	Enterococcu	Total	2	#/100ml
2001-04-04	12:05:00	EST	21SC60WQ_WQX-C-001	Fecal Colifor	Total	90	#/100ml
2001-04-04	12:05:00	EST	21SC60WQ_WQX-C-001	Inorganic ni	Total	0.1	mg/l
2001-04-04	12:05:00	EST	21SC60WQ_WQX-C-001	Total susper	Total	13	mg/l
2001-04-04	12:05:00	EST	21SC60WQ_WQX-C-001	Turbidity	Total	14	NTU
2001-05-15	09:35:00	EST	21SC60WQ_WQX-C-001	Cadmium	Total		
2001-05-15	09:35:00	EST	21SC60WQ_WQX-C-001	Chromium	Total		
2001-05-15	09:35:00	EST	21SC60WQ_WQX-C-001	Copper	Total	0.04	mg/l
2001-05-15	09:35:00	EST	21SC60WQ_WQX-C-001	Enterococcu	Total	650	#/100ml
2001-05-15	09:35:00	EST	21SC60WQ_WQX-C-001	Fecal Colifor	Total	950	#/100ml
2001-05-15	09:35:00	EST	21SC60WQ_WQX-C-001	Iron	Total	1.5	mg/l
2001-05-15	09:35:00	EST	21SC60WQ_WQX-C-001	Lead	Total		
2001-05-15	09:35:00	EST	21SC60WQ_WQX-C-001	Manganese	Total	0.09	mg/l
2001-05-15	09:35:00	EST	21SC60WQ_WQX-C-001	Mercury	Total		
2001-05-15	09:35:00	EST	21SC60WQ_WQX-C-001	Nickel	Total	0.05	mg/l
2001-05-15	09:35:00	EST	21SC60WQ_WQX-C-001	Inorganic ni	Total	0.06	mg/l
2001-05-15	09:35:00	EST	21SC60WQ_WQX-C-001	Turbidity	Total	36	NTU
2001-05-15	09:35:00	EST	21SC60WQ_WQX-C-001	Zinc	Total	0.11	mg/l
2001-06-14	12:25:00	EST	21SC60WQ_WQX-C-001	Alkalinity, to	Total	10	mg/l

2001-06-14	12:25:00	EST	21SC60WQ_WQX-C-001	Enterococcu	Total	380	#/100ml
2001-06-14	12:25:00	EST	21SC60WQ_WQX-C-001	Fecal Colifor	Total	980	#/100ml
2001-06-14	12:25:00	EST	21SC60WQ_WQX-C-001	Kjeldahl nitr	Total	0.78	mg/l
2001-06-14	12:25:00	EST	21SC60WQ_WQX-C-001	Ammonia	Total		
2001-06-14	12:25:00	EST	21SC60WQ_WQX-C-001	Inorganic ni	Total	0.033	mg/l
2001-06-14	12:25:00	EST	21SC60WQ_WQX-C-001	Total susper	Total	19.3	mg/l
2001-06-14	12:25:00	EST	21SC60WQ_WQX-C-001	Turbidity	Total	18	NTU
2001-06-14	12:25:00	EST	21SC60WQ_WQX-C-001	Nitrogen	Total	0.813	mg/l
2001-06-14	12:25:00	EST	21SC60WQ_WQX-C-001	Depth		0.3	m
2001-06-14	12:25:00	EST	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)		7.27	mg/l
2001-06-14	12:25:00	EST	21SC60WQ_WQX-C-001	pH		6.57	None
2001-06-14	12:25:00	EST	21SC60WQ_WQX-C-001	Temperature, water		27.6	deg C
2001-07-10	08:15:00	EST	21SC60WQ_WQX-C-001	Biochemical	Total	3.5	mg/l
2001-07-10	08:15:00	EST	21SC60WQ_WQX-C-001	Enterococcu	Total	110	#/100ml
2001-07-10	08:15:00	EST	21SC60WQ_WQX-C-001	Fecal Colifor	Total	360	#/100ml
2001-07-10	08:15:00	EST	21SC60WQ_WQX-C-001	Inorganic ni	Total	0.046	mg/l
2001-07-10	08:15:00	EST	21SC60WQ_WQX-C-001	Total susper	Total	15	mg/l
2001-07-10	08:15:00	EST	21SC60WQ_WQX-C-001	Turbidity	Total	12	NTU
2001-07-10	08:15:00	EST	21SC60WQ_WQX-C-001	Depth		0.3	m
2001-07-10	08:15:00	EST	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)		5.89	mg/l
2001-07-10	08:15:00	EST	21SC60WQ_WQX-C-001	pH		7.26	None
2001-07-10	08:15:00	EST	21SC60WQ_WQX-C-001	Temperature, water		27.1	deg C
2001-08-08	09:35:00	EST	21SC60WQ_WQX-C-001	Alkalinity, to	Total	10	mg/l
2001-08-08	09:35:00	EST	21SC60WQ_WQX-C-001	Biochemical	Total	2.9	mg/l
2001-08-08	09:35:00	EST	21SC60WQ_WQX-C-001	Cadmium	Total		
2001-08-08	09:35:00	EST	21SC60WQ_WQX-C-001	Organic carl	Total	5	mg/l
2001-08-08	09:35:00	EST	21SC60WQ_WQX-C-001	Chromium	Total		
2001-08-08	09:35:00	EST	21SC60WQ_WQX-C-001	Copper	Total		
2001-08-08	09:35:00	EST	21SC60WQ_WQX-C-001	Enterococcu	Total	180	#/100ml
2001-08-08	09:35:00	EST	21SC60WQ_WQX-C-001	Fecal Colifor	Total	300	#/100ml
2001-08-08	09:35:00	EST	21SC60WQ_WQX-C-001	Iron	Total	0.83	mg/l
2001-08-08	09:35:00	EST	21SC60WQ_WQX-C-001	Lead	Total		
2001-08-08	09:35:00	EST	21SC60WQ_WQX-C-001	Manganese	Total	0.068	mg/l
2001-08-08	09:35:00	EST	21SC60WQ_WQX-C-001	Mercury	Total		
2001-08-08	09:35:00	EST	21SC60WQ_WQX-C-001	Nickel	Total		
2001-08-08	09:35:00	EST	21SC60WQ_WQX-C-001	Kjeldahl nitr	Total	0.13	mg/l
2001-08-08	09:35:00	EST	21SC60WQ_WQX-C-001	Ammonia	Total	0.096	mg/l
2001-08-08	09:35:00	EST	21SC60WQ_WQX-C-001	Inorganic ni	Total	0.069	mg/l
2001-08-08	09:35:00	EST	21SC60WQ_WQX-C-001	Total susper	Total	20	mg/l
2001-08-08	09:35:00	EST	21SC60WQ_WQX-C-001	Turbidity	Total	17	NTU
2001-08-08	09:35:00	EST	21SC60WQ_WQX-C-001	Zinc	Total		
2001-08-08	09:35:00	EST	21SC60WQ_WQX-C-001	Nitrogen	Total	0.199	mg/l
2001-08-08	09:35:00	EST	21SC60WQ_WQX-C-001	Depth		0.3	m
2001-08-08	09:35:00	EST	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)		5.32	mg/l
2001-08-08	09:35:00	EST	21SC60WQ_WQX-C-001	pH		6.96	None
2001-08-08	09:35:00	EST	21SC60WQ_WQX-C-001	Temperature, water		28.6	deg C
2001-09-10	10:50:00	EST	21SC60WQ_WQX-C-001	Alkalinity, to	Total	9.4	mg/l
2001-09-10	10:50:00	EST	21SC60WQ_WQX-C-001	Biochemical	Total	4	mg/l
2001-09-10	10:50:00	EST	21SC60WQ_WQX-C-001	Enterococcu	Total	210	#/100ml
2001-09-10	10:50:00	EST	21SC60WQ_WQX-C-001	Fecal Colifor	Total	500	#/100ml
2001-09-10	10:50:00	EST	21SC60WQ_WQX-C-001	Inorganic ni	Total	0.02	mg/l
2001-09-10	10:50:00	EST	21SC60WQ_WQX-C-001	Total susper	Total	26	mg/l
2001-09-10	10:50:00	EST	21SC60WQ_WQX-C-001	Turbidity	Total	23	NTU
2001-09-10	10:50:00	EST	21SC60WQ_WQX-C-001	Depth		0.3	m

2001-09-10	10:50:00	EST	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)		6.7	mg/l
2001-09-10	10:50:00	EST	21SC60WQ_WQX-C-001	pH		7.04	None
2001-09-10	10:50:00	EST	21SC60WQ_WQX-C-001	Temperature, water		27.1	deg C
2001-10-24	09:40:00	EST	21SC60WQ_WQX-C-001	Alkalinity, to	Total	12	mg/l
2001-10-24	09:40:00	EST	21SC60WQ_WQX-C-001	Biochemical	Total	3.9	mg/l
2001-10-24	09:40:00	EST	21SC60WQ_WQX-C-001	Enterococcu	Total	56	#/100ml
2001-10-24	09:40:00	EST	21SC60WQ_WQX-C-001	Fecal Colifor	Total	270	#/100ml
2001-10-24	09:40:00	EST	21SC60WQ_WQX-C-001	Kjeldahl nitr	Total	0.37	mg/l
2001-10-24	09:40:00	EST	21SC60WQ_WQX-C-001	Ammonia	Total	0.069	mg/l
2001-10-24	09:40:00	EST	21SC60WQ_WQX-C-001	Inorganic ni	Total	0.027	mg/l
2001-10-24	09:40:00	EST	21SC60WQ_WQX-C-001	Turbidity	Total	6.3	NTU
2001-10-24	09:40:00	EST	21SC60WQ_WQX-C-001	Nitrogen	Total	0.397	mg/l
2001-10-24	09:40:00	EST	21SC60WQ_WQX-C-001	Depth		0.3	m
2001-10-24	09:40:00	EST	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)		5.7	mg/l
2001-10-24	09:40:00	EST	21SC60WQ_WQX-C-001	pH		6.7	None
2001-10-24	09:40:00	EST	21SC60WQ_WQX-C-001	Temperature, water		19.9	deg C
2001-11-26	13:10:00	EST	21SC60WQ_WQX-C-001	Biochemical	Total	4.4	mg/l
2001-11-26	13:10:00	EST	21SC60WQ_WQX-C-001	Cadmium	Total		
2001-11-26	13:10:00	EST	21SC60WQ_WQX-C-001	Organic carl	Total	7	mg/l
2001-11-26	13:10:00	EST	21SC60WQ_WQX-C-001	Chromium	Total		
2001-11-26	13:10:00	EST	21SC60WQ_WQX-C-001	Copper	Total		
2001-11-26	13:10:00	EST	21SC60WQ_WQX-C-001	Enterococcu	Total	550	#/100ml
2001-11-26	13:10:00	EST	21SC60WQ_WQX-C-001	Fecal Colifor	Total	2400	#/100ml
2001-11-26	13:10:00	EST	21SC60WQ_WQX-C-001	Iron	Total	0.74	mg/l
2001-11-26	13:10:00	EST	21SC60WQ_WQX-C-001	Lead	Total		
2001-11-26	13:10:00	EST	21SC60WQ_WQX-C-001	Manganese	Total	0.072	mg/l
2001-11-26	13:10:00	EST	21SC60WQ_WQX-C-001	Mercury	Total		
2001-11-26	13:10:00	EST	21SC60WQ_WQX-C-001	Nickel	Total		
2001-11-26	13:10:00	EST	21SC60WQ_WQX-C-001	Inorganic ni	Total	0.027	mg/l
2001-11-26	13:10:00	EST	21SC60WQ_WQX-C-001	Total susper	Total	16	mg/l
2001-11-26	13:10:00	EST	21SC60WQ_WQX-C-001	Turbidity	Total	15	NTU
2001-11-26	13:10:00	EST	21SC60WQ_WQX-C-001	Zinc	Total	0.012	mg/l
2001-11-26	13:10:00	EST	21SC60WQ_WQX-C-001	Depth		0.3	m
2001-11-26	13:10:00	EST	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)		8.27	mg/l
2001-11-26	13:10:00	EST	21SC60WQ_WQX-C-001	pH		6.22	None
2001-11-26	13:10:00	EST	21SC60WQ_WQX-C-001	Temperature, water		19	deg C
2001-12-04	10:15:00	EST	21SC60WQ_WQX-C-001	Alkalinity, to	Total		
2001-12-04	10:15:00	EST	21SC60WQ_WQX-C-001	Biochemical	Total	2.7	mg/l
2001-12-04	10:15:00	EST	21SC60WQ_WQX-C-001	Enterococcu	Total	70	#/100ml
2001-12-04	10:15:00	EST	21SC60WQ_WQX-C-001	Fecal Colifor	Total	220	#/100ml
2001-12-04	10:15:00	EST	21SC60WQ_WQX-C-001	Kjeldahl nitr	Total	0.58	mg/l
2001-12-04	10:15:00	EST	21SC60WQ_WQX-C-001	Ammonia	Total		
2001-12-04	10:15:00	EST	21SC60WQ_WQX-C-001	Inorganic ni	Total	0.03	mg/l
2001-12-04	10:15:00	EST	21SC60WQ_WQX-C-001	Turbidity	Total	9.6	NTU
2001-12-04	10:15:00	EST	21SC60WQ_WQX-C-001	Nitrogen	Total	0.61	mg/l
2001-12-04	10:15:00	EST	21SC60WQ_WQX-C-001	Depth		0.3	m
2001-12-04	10:15:00	EST	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)		6.35	mg/l
2001-12-04	10:15:00	EST	21SC60WQ_WQX-C-001	pH		6.38	None
2001-12-04	10:15:00	EST	21SC60WQ_WQX-C-001	Temperature, water		15.2	deg C
2006-01-26	10:55:00	EST	21SC60WQ_WQX-C-001	Alkalinity, to	Total	5.8	mg/l
2006-01-26	10:55:00	EST	21SC60WQ_WQX-C-001	Biochemical	Total	2.6	mg/l
2006-01-26	10:55:00	EST	21SC60WQ_WQX-C-001	Enterococcu	Total	18	#/100ml
2006-01-26	10:55:00	EST	21SC60WQ_WQX-C-001	Fecal Colifor	Total	120	#/100ml
2006-01-26	10:55:00	EST	21SC60WQ_WQX-C-001	Kjeldahl nitr	Total	0.63	mg/l

2006-01-26	10:55:00	EST	21SC60WQ_WQX-C-001	Ammonia		0.26	mg/l
2006-01-26	10:55:00	EST	21SC60WQ_WQX-C-001	Inorganic ni	Total	0.14	mg/l
2006-01-26	10:55:00	EST	21SC60WQ_WQX-C-001	Phosphorus	Total		
2006-01-26	10:55:00	EST	21SC60WQ_WQX-C-001	Total susper	Total	17	mg/l
2006-01-26	10:55:00	EST	21SC60WQ_WQX-C-001	Turbidity	Total	17	NTU
2006-01-26	10:55:00	EST	21SC60WQ_WQX-C-001	Nitrogen	Total	0.77	mg/l
2006-01-26	10:55:00	EST	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)		9.03	mg/l
2006-01-26	10:55:00	EST	21SC60WQ_WQX-C-001	pH		6.51	None
2006-01-26	10:55:00	EST	21SC60WQ_WQX-C-001	Temperature, water		11.2	deg C
2006-02-28	10:45:00	EST	21SC60WQ_WQX-C-001	Alkalinity, to	Total	4.7	mg/l
2006-02-28	10:45:00	EST	21SC60WQ_WQX-C-001	Biochemical	Total	4	mg/l
2006-02-28	10:45:00	EST	21SC60WQ_WQX-C-001	Cadmium	Total		
2006-02-28	10:45:00	EST	21SC60WQ_WQX-C-001	Calcium	Total	2.2	mg/l
2006-02-28	10:45:00	EST	21SC60WQ_WQX-C-001	Organic carl	Total	5.8	mg/l
2006-02-28	10:45:00	EST	21SC60WQ_WQX-C-001	Chromium	Total		
2006-02-28	10:45:00	EST	21SC60WQ_WQX-C-001	Copper	Total		
2006-02-28	10:45:00	EST	21SC60WQ_WQX-C-001	Enterococcu	Total	57	#/100ml
2006-02-28	10:45:00	EST	21SC60WQ_WQX-C-001	Fecal Colifor	Total	160	#/100ml
2006-02-28	10:45:00	EST	21SC60WQ_WQX-C-001	Hardness, C	Total	7.6	mg/l
2006-02-28	10:45:00	EST	21SC60WQ_WQX-C-001	Iron	Total	0.81	mg/l
2006-02-28	10:45:00	EST	21SC60WQ_WQX-C-001	Lead	Total		
2006-02-28	10:45:00	EST	21SC60WQ_WQX-C-001	Magnesium	Total	0.5	mg/l
2006-02-28	10:45:00	EST	21SC60WQ_WQX-C-001	Manganese	Total	0.033	mg/l
2006-02-28	10:45:00	EST	21SC60WQ_WQX-C-001	Mercury	Total		
2006-02-28	10:45:00	EST	21SC60WQ_WQX-C-001	Nickel	Total		
2006-02-28	10:45:00	EST	21SC60WQ_WQX-C-001	Kjeldahl nitr	Total	0.69	mg/l
2006-02-28	10:45:00	EST	21SC60WQ_WQX-C-001	Ammonia		0.28	mg/l
2006-02-28	10:45:00	EST	21SC60WQ_WQX-C-001	Phosphorus	Total		
2006-02-28	10:45:00	EST	21SC60WQ_WQX-C-001	Turbidity	Total	22	NTU
2006-02-28	10:45:00	EST	21SC60WQ_WQX-C-001	Zinc	Total	0.019	mg/l
2006-02-28	10:45:00	EST	21SC60WQ_WQX-C-001	Depth		0.3	m
2006-02-28	10:45:00	EST	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)		8.74	mg/l
2006-02-28	10:45:00	EST	21SC60WQ_WQX-C-001	pH		6.81	None
2006-02-28	10:45:00	EST	21SC60WQ_WQX-C-001	Temperature, water		11.8	deg C
2006-03-15	11:05:00	EST	21SC60WQ_WQX-C-001	Alkalinity, to	Total	5.9	mg/l
2006-03-15	11:05:00	EST	21SC60WQ_WQX-C-001	Biochemical	Total	2.4	mg/l
2006-03-15	11:05:00	EST	21SC60WQ_WQX-C-001	Enterococcu	Total	130	#/100ml
2006-03-15	11:05:00	EST	21SC60WQ_WQX-C-001	Fecal Colifor	Total	270	#/100ml
2006-03-15	11:05:00	EST	21SC60WQ_WQX-C-001	Kjeldahl nitr	Total	0.61	mg/l
2006-03-15	11:05:00	EST	21SC60WQ_WQX-C-001	Ammonia		0.2	mg/l
2006-03-15	11:05:00	EST	21SC60WQ_WQX-C-001	Inorganic ni	Total	0.11	mg/l
2006-03-15	11:05:00	EST	21SC60WQ_WQX-C-001	Phosphorus	Total	0.031	mg/l
2006-03-15	11:05:00	EST	21SC60WQ_WQX-C-001	Total susper	Total	26	mg/l
2006-03-15	11:05:00	EST	21SC60WQ_WQX-C-001	Turbidity	Total	17	NTU
2006-03-15	11:05:00	EST	21SC60WQ_WQX-C-001	Nitrogen	Total	0.72	mg/l
2006-03-15	11:05:00	EST	21SC60WQ_WQX-C-001	Depth		0.3	m
2006-03-15	11:05:00	EST	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)		7.3	mg/l
2006-03-15	11:05:00	EST	21SC60WQ_WQX-C-001	pH		6.81	None
2006-03-15	11:05:00	EST	21SC60WQ_WQX-C-001	Temperature, water		12	deg C
2006-04-25	11:40:00	EST	21SC60WQ_WQX-C-001	Alkalinity, to	Total	10	mg/l
2006-04-25	11:40:00	EST	21SC60WQ_WQX-C-001	Biochemical	Total	3.9	mg/l
2006-04-25	11:40:00	EST	21SC60WQ_WQX-C-001	Enterococcu	Total	530	#/100ml
2006-04-25	11:40:00	EST	21SC60WQ_WQX-C-001	Fecal Colifor	Total	1000	#/100ml
2006-04-25	11:40:00	EST	21SC60WQ_WQX-C-001	Kjeldahl nitr	Total	0.42	mg/l

2006-04-25	11:40:00	EST	21SC60WQ_WQX-C-001	Ammonia		0.18	mg/l
2006-04-25	11:40:00	EST	21SC60WQ_WQX-C-001	Inorganic ni	Total	0.063	mg/l
2006-04-25	11:40:00	EST	21SC60WQ_WQX-C-001	Phosphorus	Total	0.038	mg/l
2006-04-25	11:40:00	EST	21SC60WQ_WQX-C-001	Total susper	Total	17	mg/l
2006-04-25	11:40:00	EST	21SC60WQ_WQX-C-001	Turbidity	Total	12	NTU
2006-04-25	11:40:00	EST	21SC60WQ_WQX-C-001	Nitrogen	Total	0.483	mg/l
2006-04-25	11:40:00	EST	21SC60WQ_WQX-C-001	Depth		0.3	m
2006-04-25	11:40:00	EST	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)		6.02	mg/l
2006-04-25	11:40:00	EST	21SC60WQ_WQX-C-001	pH		6.43	None
2006-04-25	11:40:00	EST	21SC60WQ_WQX-C-001	Temperature, water		26	deg C
2006-05-08	10:30:00	EST	21SC60WQ_WQX-C-001	Alkalinity, tc	Total	10	mg/l
2006-05-08	10:30:00	EST	21SC60WQ_WQX-C-001	Biochemical	Total	3.7	mg/l
2006-05-08	10:30:00	EST	21SC60WQ_WQX-C-001	Cadmium	Total		
2006-05-08	10:30:00	EST	21SC60WQ_WQX-C-001	Organic carl	Total	6.1	mg/l
2006-05-08	10:30:00	EST	21SC60WQ_WQX-C-001	Chromium	Total		
2006-05-08	10:30:00	EST	21SC60WQ_WQX-C-001	Copper	Total		
2006-05-08	10:30:00	EST	21SC60WQ_WQX-C-001	Enterococcu	Total	690	#/100ml
2006-05-08	10:30:00	EST	21SC60WQ_WQX-C-001	Fecal Colifor	Total	960	#/100ml
2006-05-08	10:30:00	EST	21SC60WQ_WQX-C-001	Iron	Total	1.1	mg/l
2006-05-08	10:30:00	EST	21SC60WQ_WQX-C-001	Lead	Total		
2006-05-08	10:30:00	EST	21SC60WQ_WQX-C-001	Manganese	Total	0.075	mg/l
2006-05-08	10:30:00	EST	21SC60WQ_WQX-C-001	Mercury	Total		
2006-05-08	10:30:00	EST	21SC60WQ_WQX-C-001	Nickel	Total		
2006-05-08	10:30:00	EST	21SC60WQ_WQX-C-001	Kjeldahl nitr	Total	0.44	mg/l
2006-05-08	10:30:00	EST	21SC60WQ_WQX-C-001	Ammonia		0.32	mg/l
2006-05-08	10:30:00	EST	21SC60WQ_WQX-C-001	Inorganic ni	Total	0.032	mg/l
2006-05-08	10:30:00	EST	21SC60WQ_WQX-C-001	Phosphorus	Total	0.064	mg/l
2006-05-08	10:30:00	EST	21SC60WQ_WQX-C-001	Total susper	Total	30	mg/l
2006-05-08	10:30:00	EST	21SC60WQ_WQX-C-001	Turbidity	Total	9.9	NTU
2006-05-08	10:30:00	EST	21SC60WQ_WQX-C-001	Zinc	Total	0.02	mg/l
2006-05-08	10:30:00	EST	21SC60WQ_WQX-C-001	Nitrogen	Total	0.472	mg/l
2006-05-08	10:30:00	EST	21SC60WQ_WQX-C-001	Depth		0.3	m
2006-05-08	10:30:00	EST	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)		5.1	mg/l
2006-05-08	10:30:00	EST	21SC60WQ_WQX-C-001	pH		6.97	None
2006-05-08	10:30:00	EST	21SC60WQ_WQX-C-001	Temperature, water		21	deg C
2006-06-06	12:55:00	EST	21SC60WQ_WQX-C-001	Alkalinity, tc	Total	10	mg/l
2006-06-06	12:55:00	EST	21SC60WQ_WQX-C-001	Biochemical	Total	3.8	mg/l
2006-06-06	12:55:00	EST	21SC60WQ_WQX-C-001	Enterococcu	Total	170	#/100ml
2006-06-06	12:55:00	EST	21SC60WQ_WQX-C-001	Fecal Colifor	Total	420	#/100ml
2006-06-06	12:55:00	EST	21SC60WQ_WQX-C-001	Kjeldahl nitr	Total	0.58	mg/l
2006-06-06	12:55:00	EST	21SC60WQ_WQX-C-001	Inorganic ni	Total	0.034	mg/l
2006-06-06	12:55:00	EST	21SC60WQ_WQX-C-001	Phosphorus	Total		
2006-06-06	12:55:00	EST	21SC60WQ_WQX-C-001	Total susper	Total	18	mg/l
2006-06-06	12:55:00	EST	21SC60WQ_WQX-C-001	Turbidity	Total	16	NTU
2006-06-06	12:55:00	EST	21SC60WQ_WQX-C-001	Nitrogen	Total	0.614	mg/l
2006-06-06	12:55:00	EST	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)		4.28	mg/l
2006-06-06	12:55:00	EST	21SC60WQ_WQX-C-001	pH		7	None
2006-06-06	12:55:00	EST	21SC60WQ_WQX-C-001	Temperature, water		27.5	deg C
2006-07-12	11:50:00	EST	21SC60WQ_WQX-C-001	Alkalinity, tc	Total	9.8	mg/l
2006-07-12	11:50:00	EST	21SC60WQ_WQX-C-001	Biochemical	Total	2.4	mg/l
2006-07-12	11:50:00	EST	21SC60WQ_WQX-C-001	Enterococcu	Total	45	#/100ml
2006-07-12	11:50:00	EST	21SC60WQ_WQX-C-001	Fecal Colifor	Total	1400	#/100ml
2006-07-12	11:50:00	EST	21SC60WQ_WQX-C-001	Kjeldahl nitr	Total	0.49	mg/l
2006-07-12	11:50:00	EST	21SC60WQ_WQX-C-001	Ammonia		0.3	mg/l

2006-07-12	11:50:00	EST	21SC60WQ_WQX-C-001	Inorganic ni	Total	0.088	mg/l
2006-07-12	11:50:00	EST	21SC60WQ_WQX-C-001	Phosphorus	Total	0.028	mg/l
2006-07-12	11:50:00	EST	21SC60WQ_WQX-C-001	Total susper	Total	14	mg/l
2006-07-12	11:50:00	EST	21SC60WQ_WQX-C-001	Turbidity	Total	18	NTU
2006-07-12	11:50:00	EST	21SC60WQ_WQX-C-001	Nitrogen	Total	0.578	mg/l
2006-07-12	11:50:00	EST	21SC60WQ_WQX-C-001	Depth		0.3	m
2006-07-12	11:50:00	EST	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)		5.14	mg/l
2006-07-12	11:50:00	EST	21SC60WQ_WQX-C-001	pH		6.27	None
2006-07-12	11:50:00	EST	21SC60WQ_WQX-C-001	Temperature, water		29.8	deg C
2006-08-28	11:30:00	EST	21SC60WQ_WQX-C-001	Alkalinity, to	Total	11	mg/l
2006-08-28	11:30:00	EST	21SC60WQ_WQX-C-001	Biochemical	Total	2.8	mg/l
2006-08-28	11:30:00	EST	21SC60WQ_WQX-C-001	Cadmium	Total		
2006-08-28	11:30:00	EST	21SC60WQ_WQX-C-001	Organic carl	Total	5.9	mg/l
2006-08-28	11:30:00	EST	21SC60WQ_WQX-C-001	Chromium	Total		
2006-08-28	11:30:00	EST	21SC60WQ_WQX-C-001	Copper	Total	0.011	mg/l
2006-08-28	11:30:00	EST	21SC60WQ_WQX-C-001	Enterococcu	Total	640	#/100ml
2006-08-28	11:30:00	EST	21SC60WQ_WQX-C-001	Fecal Colifor	Total	780	#/100ml
2006-08-28	11:30:00	EST	21SC60WQ_WQX-C-001	Iron	Total	1.5	mg/l
2006-08-28	11:30:00	EST	21SC60WQ_WQX-C-001	Lead	Total		
2006-08-28	11:30:00	EST	21SC60WQ_WQX-C-001	Manganese	Total	0.082	mg/l
2006-08-28	11:30:00	EST	21SC60WQ_WQX-C-001	Mercury	Total		
2006-08-28	11:30:00	EST	21SC60WQ_WQX-C-001	Nickel	Total		
2006-08-28	11:30:00	EST	21SC60WQ_WQX-C-001	Kjeldahl nitr	Total	0.37	mg/l
2006-08-28	11:30:00	EST	21SC60WQ_WQX-C-001	Ammonia			
2006-08-28	11:30:00	EST	21SC60WQ_WQX-C-001	Inorganic ni	Total	0.057	mg/l
2006-08-28	11:30:00	EST	21SC60WQ_WQX-C-001	Phosphorus	Total	0.045	mg/l
2006-08-28	11:30:00	EST	21SC60WQ_WQX-C-001	Total susper	Total	15	mg/l
2006-08-28	11:30:00	EST	21SC60WQ_WQX-C-001	Turbidity	Total	57	NTU
2006-08-28	11:30:00	EST	21SC60WQ_WQX-C-001	Zinc	Total	0.015	mg/l
2006-08-28	11:30:00	EST	21SC60WQ_WQX-C-001	Nitrogen	Total	0.427	mg/l
2006-08-28	11:30:00	EST	21SC60WQ_WQX-C-001	Depth		0.3	m
2006-08-28	11:30:00	EST	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)		5.02	mg/l
2006-08-28	11:30:00	EST	21SC60WQ_WQX-C-001	pH		6.76	None
2006-08-28	11:30:00	EST	21SC60WQ_WQX-C-001	Temperature, water		29.1	deg C
2006-09-09	10:35:00	EST	21SC60WQ_WQX-C-001	Alkalinity, to	Total	9.5	mg/l
2006-09-09	10:35:00	EST	21SC60WQ_WQX-C-001	Biochemical	Total	3.1	mg/l
2006-09-09	10:35:00	EST	21SC60WQ_WQX-C-001	Enterococcu	Total	24	#/100ml
2006-09-09	10:35:00	EST	21SC60WQ_WQX-C-001	Fecal Colifor	Total	500	#/100ml
2006-09-09	10:35:00	EST	21SC60WQ_WQX-C-001	Ammonia		0.057	mg/l
2006-09-09	10:35:00	EST	21SC60WQ_WQX-C-001	Inorganic ni	Total	0.067	mg/l
2006-09-09	10:35:00	EST	21SC60WQ_WQX-C-001	Phosphorus	Total	0.027	mg/l
2006-09-09	10:35:00	EST	21SC60WQ_WQX-C-001	Total susper	Total	11	mg/l
2006-09-09	10:35:00	EST	21SC60WQ_WQX-C-001	Turbidity	Total	9.7	NTU
2006-09-09	10:35:00	EST	21SC60WQ_WQX-C-001	Depth		0.3	m
2006-09-09	10:35:00	EST	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)		6.7	mg/l
2006-09-09	10:35:00	EST	21SC60WQ_WQX-C-001	pH		6.68	None
2006-09-09	10:35:00	EST	21SC60WQ_WQX-C-001	Temperature, water		26.2	deg C
2006-10-18	11:35:00	EST	21SC60WQ_WQX-C-001	Alkalinity, to	Total	10	mg/l
2006-10-18	11:35:00	EST	21SC60WQ_WQX-C-001	Biochemical	Total	2.9	mg/l
2006-10-18	11:35:00	EST	21SC60WQ_WQX-C-001	Enterococcu	Total	78	#/100ml
2006-10-18	11:35:00	EST	21SC60WQ_WQX-C-001	Fecal Colifor	Total	300	#/100ml
2006-10-18	11:35:00	EST	21SC60WQ_WQX-C-001	Kjeldahl nitr	Total	0.62	mg/l
2006-10-18	11:35:00	EST	21SC60WQ_WQX-C-001	Ammonia		0.16	mg/l
2006-10-18	11:35:00	EST	21SC60WQ_WQX-C-001	Inorganic ni	Total	0.063	mg/l

2006-10-18	11:35:00	EST	21SC60WQ_WQX-C-001	Phosphorus	Total		
2006-10-18	11:35:00	EST	21SC60WQ_WQX-C-001	Total susper	Total	16	mg/l
2006-10-18	11:35:00	EST	21SC60WQ_WQX-C-001	Turbidity	Total	8.8	NTU
2006-10-18	11:35:00	EST	21SC60WQ_WQX-C-001	Nitrogen	Total	0.683	mg/l
2006-10-18	11:35:00	EST	21SC60WQ_WQX-C-001	Depth		0.3	m
2006-10-18	11:35:00	EST	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)		6.87	mg/l
2006-10-18	11:35:00	EST	21SC60WQ_WQX-C-001	pH		6.8	None
2006-10-18	11:35:00	EST	21SC60WQ_WQX-C-001	Temperature, water		20.4	deg C
2006-11-08	12:05:00	EST	21SC60WQ_WQX-C-001	Alkalinity, tc	Total	7.7	mg/l
2006-11-08	12:05:00	EST	21SC60WQ_WQX-C-001	Biochemical	Total	3.3	mg/l
2006-11-08	12:05:00	EST	21SC60WQ_WQX-C-001	Cadmium	Total		
2006-11-08	12:05:00	EST	21SC60WQ_WQX-C-001	Organic carl	Total	7.3	mg/l
2006-11-08	12:05:00	EST	21SC60WQ_WQX-C-001	Chromium	Total		
2006-11-08	12:05:00	EST	21SC60WQ_WQX-C-001	Copper	Total		
2006-11-08	12:05:00	EST	21SC60WQ_WQX-C-001	Enterococcu	Total		
2006-11-08	12:05:00	EST	21SC60WQ_WQX-C-001	Fecal Colifor	Total	250	#/100ml
2006-11-08	12:05:00	EST	21SC60WQ_WQX-C-001	Iron	Total	0.68	mg/l
2006-11-08	12:05:00	EST	21SC60WQ_WQX-C-001	Lead	Total		
2006-11-08	12:05:00	EST	21SC60WQ_WQX-C-001	Manganese	Total	0.038	mg/l
2006-11-08	12:05:00	EST	21SC60WQ_WQX-C-001	Mercury	Total		
2006-11-08	12:05:00	EST	21SC60WQ_WQX-C-001	Nickel	Total		
2006-11-08	12:05:00	EST	21SC60WQ_WQX-C-001	Kjeldahl nitr	Total	0.68	mg/l
2006-11-08	12:05:00	EST	21SC60WQ_WQX-C-001	Inorganic ni	Total	0.058	mg/l
2006-11-08	12:05:00	EST	21SC60WQ_WQX-C-001	Phosphorus	Total	0.026	mg/l
2006-11-08	12:05:00	EST	21SC60WQ_WQX-C-001	Total susper	Total	7.3	mg/l
2006-11-08	12:05:00	EST	21SC60WQ_WQX-C-001	Turbidity	Total	11	NTU
2006-11-08	12:05:00	EST	21SC60WQ_WQX-C-001	Zinc	Total	0.015	mg/l
2006-11-08	12:05:00	EST	21SC60WQ_WQX-C-001	Nitrogen	Total	0.738	mg/l
2006-11-08	12:05:00	EST	21SC60WQ_WQX-C-001	Depth		0.3	m
2006-11-08	12:05:00	EST	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)		9.17	mg/l
2006-11-08	12:05:00	EST	21SC60WQ_WQX-C-001	pH		6.1	None
2006-11-08	12:05:00	EST	21SC60WQ_WQX-C-001	Temperature, water		15.6	deg C
2006-12-05	10:20:00	EST	21SC60WQ_WQX-C-001	Alkalinity, tc	Total	7.1	mg/l
2006-12-05	10:20:00	EST	21SC60WQ_WQX-C-001	Biochemical	Total	2.2	mg/l
2006-12-05	10:20:00	EST	21SC60WQ_WQX-C-001	Enterococcu	Total	55	#/100ml
2006-12-05	10:20:00	EST	21SC60WQ_WQX-C-001	Fecal Colifor	Total	100	#/100ml
2006-12-05	10:20:00	EST	21SC60WQ_WQX-C-001	Kjeldahl nitr	Total	0.51	mg/l
2006-12-05	10:20:00	EST	21SC60WQ_WQX-C-001	Ammonia		0.12	mg/l
2006-12-05	10:20:00	EST	21SC60WQ_WQX-C-001	Inorganic ni	Total	0.1	mg/l
2006-12-05	10:20:00	EST	21SC60WQ_WQX-C-001	Phosphorus	Total		
2006-12-05	10:20:00	EST	21SC60WQ_WQX-C-001	Total susper	Total	11	mg/l
2006-12-05	10:20:00	EST	21SC60WQ_WQX-C-001	Turbidity	Total	13	NTU
2006-12-05	10:20:00	EST	21SC60WQ_WQX-C-001	Nitrogen	Total	0.61	mg/l
2006-12-05	10:20:00	EST	21SC60WQ_WQX-C-001	Depth		0.3	m
2006-12-05	10:20:00	EST	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)		10.16	mg/l
2006-12-05	10:20:00	EST	21SC60WQ_WQX-C-001	pH		6.93	None
2006-12-05	10:20:00	EST	21SC60WQ_WQX-C-001	Temperature, water		11.9	deg C
2009-01-05	12:30:00	EDT	21SC60WQ_WQX-C-001	Enterococcus		9.8	#/100ml
2009-01-05	12:30:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli		79.8	#/100ml
2009-01-05	12:30:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform		70	#/100ml
2009-01-13	12:35:00	EDT	21SC60WQ_WQX-C-001	Enterococcus		53.6	#/100ml
2009-01-13	12:35:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli		178.5	#/100ml
2009-01-13	12:35:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform		310	#/100ml
2009-01-21	10:45:00	EDT	21SC60WQ_WQX-C-001	Enterococcus		9.7	#/100ml

2009-01-21	10:45:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	36.4	#/100ml
2009-01-21	10:45:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform	60	#/100ml
2009-01-27	13:55:00	EDT	21SC60WQ_WQX-C-001	Enterococcus	6.3	#/100ml
2009-01-27	13:55:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	23.1	#/100ml
2009-01-27	13:55:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform	30	#/100ml
2009-02-03	12:30:00	EDT	21SC60WQ_WQX-C-001	Enterococcus	10.8	#/100ml
2009-02-03	12:30:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	50.4	#/100ml
2009-02-03	12:30:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform	66	#/100ml
2009-02-10	12:20:00	EDT	21SC60WQ_WQX-C-001	Enterococcus	8.4	#/100ml
2009-02-10	12:20:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	38.8	#/100ml
2009-02-10	12:20:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform	40	#/100ml
2009-02-10	12:20:00	EDT	21SC60WQ_WQX-C-001	Depth	0.3	m
2009-02-18	13:35:00	EDT	21SC60WQ_WQX-C-001	Enterococcus	249.5	#/100ml
2009-02-18	13:35:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	579.4	#/100ml
2009-02-18	13:35:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform	450	#/100ml
2009-02-18	13:35:00	EDT	21SC60WQ_WQX-C-001	Depth	0.3	m
2009-02-24	09:20:00	EDT	21SC60WQ_WQX-C-001	Enterococcus	6.3	#/100ml
2009-02-24	09:20:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	70.3	#/100ml
2009-02-24	09:20:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform	52	#/100ml
2009-03-03	12:40:00	EDT	21SC60WQ_WQX-C-001	Enterococcus	43.2	#/100ml
2009-03-03	12:40:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	129.1	#/100ml
2009-03-03	12:40:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform	560	#/100ml
2009-03-10	12:15:00	EDT	21SC60WQ_WQX-C-001	Enterococcus	12.1	#/100ml
2009-03-10	12:15:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	64.4	#/100ml
2009-03-10	12:15:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform	55	#/100ml
2009-03-10	12:15:00	EDT	21SC60WQ_WQX-C-001	Depth	0.30	m
2009-03-17	13:35:00	EDT	21SC60WQ_WQX-C-001	Enterococcus	2.0	#/100ml
2009-03-17	13:35:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	90.8	#/100ml
2009-03-17	13:35:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform	63	#/100ml
2009-03-17	13:35:00	EDT	21SC60WQ_WQX-C-001	Depth	0.3	m
2009-03-24	10:45:00	EDT	21SC60WQ_WQX-C-001	Enterococcus	27.5	#/100ml
2009-03-24	10:45:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	90.8	#/100ml
2009-03-24	10:45:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform	58	#/100ml
2009-03-31	11:05:00	EDT	21SC60WQ_WQX-C-001	Enterococcus	35.9	#/100ml
2009-03-31	11:05:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	73.9	#/100ml
2009-03-31	11:05:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform	240	#/100ml
2009-04-07	09:25:00	EDT	21SC60WQ_WQX-C-001	Enterococcus	15.6	#/100ml
2009-04-07	09:25:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	58.3	#/100ml
2009-04-07	09:25:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform	77	#/100ml
2009-04-14	11:25:00	EDT	21SC60WQ_WQX-C-001	Enterococcus	1413.6	#/100ml
2009-04-14	11:25:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	2419.6	#/100ml
2009-04-14	11:25:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform		
2009-04-14	11:25:00	EDT	21SC60WQ_WQX-C-001	Depth	0.3	m
2009-04-21	09:40:00	EDT	21SC60WQ_WQX-C-001	Enterococcus	38.4	#/100ml
2009-04-21	09:40:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	72.8	#/100ml
2009-04-21	09:40:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform	110	#/100ml
2009-04-28	10:20:00	EDT	21SC60WQ_WQX-C-001	Enterococcus	50.4	#/100ml
2009-04-28	10:20:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	101.4	#/100ml
2009-04-28	10:20:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform	100	#/100ml
2009-04-28	10:20:00	EDT	21SC60WQ_WQX-C-001	Depth	0.3	m
2009-05-05	10:45:00	EDT	21SC60WQ_WQX-C-001	Enterococcus	547.5	#/100ml
2009-05-05	10:45:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	307.6	#/100ml
2009-05-05	10:45:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform	580	#/100ml
2009-05-05	10:45:00	EDT	21SC60WQ_WQX-C-001	Depth	0.3	m

2009-05-13	10:30:00	EDT	21SC60WQ_WQX-C-001	Enterococcus	214.2	#/100ml
2009-05-13	10:30:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	131.4	#/100ml
2009-05-13	10:30:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform	450	#/100ml
2009-05-13	10:30:00	EDT	21SC60WQ_WQX-C-001	Depth	0.3	m
2009-05-19	13:20:00	EDT	21SC60WQ_WQX-C-001	Enterococcus	307.6	#/100ml
2009-05-19	13:20:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	218.7	#/100ml
2009-05-19	13:20:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform	600	#/100ml
2009-05-19	13:20:00	EDT	21SC60WQ_WQX-C-001	Depth	0.3	m
2009-05-27	10:40:00	EDT	21SC60WQ_WQX-C-001	Enterococcus	770.1	#/100ml
2009-05-27	10:40:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	113.85	#/100ml
2009-05-27	10:40:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform	190	#/100ml
2009-05-27	10:40:00	EDT	21SC60WQ_WQX-C-001	Depth	0.3	m
2009-06-02	10:20:00	EDT	21SC60WQ_WQX-C-001	Enterococcus	275.5	#/100ml
2009-06-02	10:20:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	166.4	#/100ml
2009-06-02	10:20:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform	320	#/100ml
2009-06-02	10:20:00	EDT	21SC60WQ_WQX-C-001	Depth	0.3	m
2009-06-09	11:10:00	EDT	21SC60WQ_WQX-C-001	Enterococcus	155.3	#/100ml
2009-06-09	11:10:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	75.4	#/100ml
2009-06-09	11:10:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform	290	#/100ml
2009-06-09	11:10:00	EDT	21SC60WQ_WQX-C-001	Depth	0.3	m
2009-06-16	10:55:00	EDT	21SC60WQ_WQX-C-001	Enterococcus	517.2	#/100ml
2009-06-16	10:55:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	130.8	#/100ml
2009-06-16	10:55:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform	490	#/100ml
2009-06-16	10:55:00	EDT	21SC60WQ_WQX-C-001	Depth	0.3	m
2009-06-23	13:20:00	EDT	21SC60WQ_WQX-C-001	Enterococcus	137.6	#/100ml
2009-06-23	13:20:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	165.6	#/100ml
2009-06-23	13:20:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform	220	#/100ml
2009-06-23	13:20:00	EDT	21SC60WQ_WQX-C-001	Depth	0.3	m
2009-07-01	10:50:00	EDT	21SC60WQ_WQX-C-001	Enterococcus	325.5	#/100ml
2009-07-01	10:50:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	558.4	#/100ml
2009-07-01	10:50:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform	600	#/100ml
2009-07-07	10:30:00	EDT	21SC60WQ_WQX-C-001	Enterococcus	1553.1	#/100ml
2009-07-07	10:30:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	1302.0	#/100ml
2009-07-07	10:30:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform		
2009-07-07	10:30:00	EDT	21SC60WQ_WQX-C-001	Depth	0.3	m
2009-07-14	10:15:00	EDT	21SC60WQ_WQX-C-001	Enterococcus	1119.9	#/100ml
2009-07-14	10:15:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	254.8	#/100ml
2009-07-14	10:15:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform	320	#/100ml
2009-07-21	10:50:00	EDT	21SC60WQ_WQX-C-001	Enterococcus	816.4	#/100ml
2009-07-21	10:50:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	1312.8	#/100ml
2009-07-21	10:50:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform	2200	#/100ml
2009-07-21	10:50:00	EDT	21SC60WQ_WQX-C-001	Depth	0.3	m
2009-07-28	11:10:00	EDT	21SC60WQ_WQX-C-001	Enterococcus	1553.1	#/100ml
2009-07-28	11:10:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	383.6	#/100ml
2009-07-28	11:10:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform	720	#/100ml
2009-07-28	11:10:00	EDT	21SC60WQ_WQX-C-001	Depth	0.3	m
2009-08-04	09:50:00	EDT	21SC60WQ_WQX-C-001	Enterococcus	461.1	#/100ml
2009-08-04	09:50:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	4	#/100ml
2009-08-04	09:50:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform	540	#/100ml
2009-08-11	11:10:00	EDT	21SC60WQ_WQX-C-001	Enterococcus	290.9	#/100ml
2009-08-11	11:10:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	992.4	#/100ml
2009-08-11	11:10:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform	1000	#/100ml
2009-08-11	11:10:00	EDT	21SC60WQ_WQX-C-001	Depth	0.3	m
2009-08-18	10:15:00	EDT	21SC60WQ_WQX-C-001	Enterococcus	456.9	#/100ml

2009-08-18	10:15:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	180.0	#/100ml
2009-08-18	10:15:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform	1100	#/100ml
2009-08-18	10:15:00	EDT	21SC60WQ_WQX-C-001	Depth	0.3	m
2009-08-25	10:35:00	EDT	21SC60WQ_WQX-C-001	Enterococcus	235.9	#/100ml
2009-08-25	10:35:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	898.8	#/100ml
2009-08-25	10:35:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform	1200	#/100ml
2009-08-25	10:35:00	EDT	21SC60WQ_WQX-C-001	Depth	0.3	m
2009-09-01	11:55:00	EDT	21SC60WQ_WQX-C-001	Enterococcus	579.4	#/100ml
2009-09-01	11:55:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	265.2	#/100ml
2009-09-01	11:55:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform	980	#/100ml
2009-09-01	11:55:00	EDT	21SC60WQ_WQX-C-001	Depth	0.3	m
2009-09-09	09:45:00	EDT	21SC60WQ_WQX-C-001	Enterococcus		
2009-09-09	09:45:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	940.8	#/100ml
2009-09-09	09:45:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform	16000	#/100ml
2009-09-15	11:40:00	EDT	21SC60WQ_WQX-C-001	Enterococcus	248.1	#/100ml
2009-09-15	11:40:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	874.8	#/100ml
2009-09-15	11:40:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform	1700	#/100ml
2009-09-15	11:40:00	EDT	21SC60WQ_WQX-C-001	Depth	0.3	m
2009-09-22	13:10:00	EDT	21SC60WQ_WQX-C-001	Enterococcus	214.3	#/100ml
2009-09-22	13:10:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	714	#/100ml
2009-09-22	13:10:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform	640	#/100ml
2009-09-22	13:10:00	EDT	21SC60WQ_WQX-C-001	Depth	0.3	m
2009-09-29	10:44:00	EDT	21SC60WQ_WQX-C-001	Enterococcus	186.0	#/100ml
2009-09-29	10:44:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	308.4	#/100ml
2009-09-29	10:44:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform	560	#/100ml
2009-10-06	10:55:00	EDT	21SC60WQ_WQX-C-001	Enterococcus	435.2	#/100ml
2009-10-06	10:55:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	550.4	#/100ml
2009-10-06	10:55:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform	1100	#/100ml
2009-10-06	10:55:00	EDT	21SC60WQ_WQX-C-001	Depth	0.3	m
2009-10-13	10:35:00	EDT	21SC60WQ_WQX-C-001	Enterococcus	2419.6	#/100ml
2009-10-13	10:35:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	2317.6	#/100ml
2009-10-13	10:35:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform	4100	#/100ml
2009-10-13	10:35:00	EDT	21SC60WQ_WQX-C-001	Depth	0.3	m
2009-10-20	10:40:00	EDT	21SC60WQ_WQX-C-001	Enterococcus	82.3	#/100ml
2009-10-20	10:40:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	183.6	#/100ml
2009-10-20	10:40:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform	100	#/100ml
2009-10-20	10:40:00	EDT	21SC60WQ_WQX-C-001	Depth	0.3	m
2009-10-27	11:55:00	EDT	21SC60WQ_WQX-C-001	Enterococcus	1732.9	#/100ml
2009-10-27	11:55:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	1045.2	#/100ml
2009-10-27	11:55:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform	1200	#/100ml
2009-10-27	11:55:00	EDT	21SC60WQ_WQX-C-001	Depth	0.3	m
2009-11-03	11:05:00	EDT	21SC60WQ_WQX-C-001	Enterococcus	185.0	#/100ml
2009-11-03	11:05:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	237.6	#/100ml
2009-11-03	11:05:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform	260	#/100ml
2009-11-09	10:10:00	EDT	21SC60WQ_WQX-C-001	Enterococcus	344.8	#/100ml
2009-11-09	10:10:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	145.6	#/100ml
2009-11-09	10:10:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform	160	#/100ml
2009-11-09	10:10:00	EDT	21SC60WQ_WQX-C-001	Depth	0.3	m
2009-11-17	10:45:00	EDT	21SC60WQ_WQX-C-001	Enterococcus	79.8	#/100ml
2009-11-17	10:45:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	85.2	#/100ml
2009-11-17	10:45:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform	130	#/100ml
2009-11-17	10:45:00	EDT	21SC60WQ_WQX-C-001	Depth	0.3	m
2009-11-24	11:35:00	EDT	21SC60WQ_WQX-C-001	Enterococcus	435.2	#/100ml
2009-11-24	11:35:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	586.8	#/100ml

2009-11-24	11:35:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform	560	#/100ml
2009-12-01	10:05:00	EDT	21SC60WQ_WQX-C-001	Enterococcus	47.1	#/100ml
2009-12-01	10:05:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	69.2	#/100ml
2009-12-01	10:05:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform	100	#/100ml
2009-12-01	10:05:00	EDT	21SC60WQ_WQX-C-001	Depth	0.3	m
2009-12-08	12:05:00	EDT	21SC60WQ_WQX-C-001	Enterococcus	29.4	#/100ml
2009-12-08	12:05:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	74.8	#/100ml
2009-12-08	12:05:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform	63	#/100ml
2009-12-08	12:05:00	EDT	21SC60WQ_WQX-C-001	Depth	0.3	m
2009-12-15	10:45:00	EDT	21SC60WQ_WQX-C-001	Enterococcus	22.8	#/100ml
2009-12-15	10:45:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	77.2	#/100ml
2009-12-15	10:45:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform	48	#/100ml
2009-12-22	11:20:00	EDT	21SC60WQ_WQX-C-001	Enterococcus	35.9	#/100ml
2009-12-22	11:20:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	234.4	#/100ml
2009-12-22	11:20:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform	110	#/100ml
2009-12-22	11:20:00	EDT	21SC60WQ_WQX-C-001	Depth	0.3	m
2009-12-30	11:20:00	EDT	21SC60WQ_WQX-C-001	Enterococcus	123.6	#/100ml
2009-12-30	11:20:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	106	#/100ml
2009-12-30	11:20:00	EDT	21SC60WQ_WQX-C-001	Fecal Coliform	150	#/100ml
2009-12-30	11:20:00	EDT	21SC60WQ_WQX-C-001	Depth	0.3	m
2017-09-14	09:15:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	387.3	#/100ml
2017-09-14	09:15:00	EDT	21SC60WQ_WQX-C-001	Turbidity	19	NTU
2017-10-12	08:45:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	270.0	#/100ml
2017-10-12	08:45:00	EDT	21SC60WQ_WQX-C-001	Turbidity	9.3	NTU
2017-10-12	08:45:00	EDT	21SC60WQ_WQX-C-001	Conductivity	061	umho/cm
2017-10-12	08:45:00	EDT	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)	4.37	mg/l
2017-10-12	08:45:00	EDT	21SC60WQ_WQX-C-001	pH	5.24	None
2017-10-12	08:45:00	EDT	21SC60WQ_WQX-C-001	Temperature, water	26.03	deg C
2017-11-08	08:25:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	206.4	#/100ml
2017-11-08	08:25:00	EDT	21SC60WQ_WQX-C-001	Turbidity	6.3	NTU
2017-11-08	08:25:00	EDT	21SC60WQ_WQX-C-001	Conductivity	057	umho/cm
2017-11-08	08:25:00	EDT	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)	7.40	mg/l
2017-11-08	08:25:00	EDT	21SC60WQ_WQX-C-001	pH	6.64	None
2017-11-08	08:25:00	EDT	21SC60WQ_WQX-C-001	Temperature, water	19.79	deg C
2017-12-19	08:17:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	96.0	#/100ml
2017-12-19	08:17:00	EDT	21SC60WQ_WQX-C-001	Turbidity	5.8	NTU
2017-12-19	08:17:00	EDT	21SC60WQ_WQX-C-001	Conductivity	050	umho/cm
2017-12-19	08:17:00	EDT	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)	7.62	mg/l
2017-12-19	08:17:00	EDT	21SC60WQ_WQX-C-001	pH	6.58	None
2017-12-19	08:17:00	EDT	21SC60WQ_WQX-C-001	Temperature, water	11.84	deg C
2018-01-11	08:15:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	42.8	#/100ml
2018-01-11	08:15:00	EDT	21SC60WQ_WQX-C-001	Turbidity	7.6	NTU
2018-01-11	08:15:00	EDT	21SC60WQ_WQX-C-001	Conductivity	060	umho/cm
2018-01-11	08:15:00	EDT	21SC60WQ_WQX-C-001	Depth	6.75	m
2018-01-11	08:15:00	EDT	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)	8.99	mg/l
2018-01-11	08:15:00	EDT	21SC60WQ_WQX-C-001	pH	9.71	None
2018-02-08	08:41:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	83.6	#/100ml
2018-02-08	08:41:00	EDT	21SC60WQ_WQX-C-001	Turbidity	12	NTU
2018-03-08	08:26:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli	155.3	#/100ml
2018-03-08	08:26:00	EDT	21SC60WQ_WQX-C-001	Turbidity	8.7	NTU
2018-03-08	08:26:00	EDT	21SC60WQ_WQX-C-001	Conductivity	051	umho/cm
2018-03-08	08:26:00	EDT	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)	8.33	mg/l
2018-03-08	08:26:00	EDT	21SC60WQ_WQX-C-001	pH	7.00	None
2018-03-08	08:26:00	EDT	21SC60WQ_WQX-C-001	Temperature, water	13.55	deg C

2018-04-12	08:17:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli		79.4	#/100ml
2018-04-12	08:17:00	EDT	21SC60WQ_WQX-C-001	Turbidity		5.0	NTU
2018-04-12	08:17:00	EDT	21SC60WQ_WQX-C-001	Conductivity		053	umho/cm
2018-04-12	08:17:00	EDT	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)		7.94	mg/l
2018-04-12	08:17:00	EDT	21SC60WQ_WQX-C-001	pH		6.66	None
2018-04-12	08:17:00	EDT	21SC60WQ_WQX-C-001	Temperature, water		16.52	deg C
2018-05-24	09:04:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli		235.9	#/100ml
2018-05-24	09:04:00	EDT	21SC60WQ_WQX-C-001	Turbidity		10	NTU
2018-07-19	08:12:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli		69.7	#/100ml
2018-07-19	08:12:00	EDT	21SC60WQ_WQX-C-001	Turbidity		11	NTU
2018-08-23	09:37:00	EDT	21SC60WQ_WQX-C-001	Escherichia coli		95.9	#/100ml
2018-08-23	09:37:00	EDT	21SC60WQ_WQX-C-001	Turbidity		11	NTU
2018-08-23	09:37:00	EDT	21SC60WQ_WQX-C-001	Conductivity		049	umho/cm
2018-08-23	09:37:00	EDT	21SC60WQ_WQX-C-001	Dissolved oxygen (DO)		4.82	mg/l
2018-08-23	09:37:00	EDT	21SC60WQ_WQX-C-001	pH		6.46	None
2018-08-23	09:37:00	EDT	21SC60WQ_WQX-C-001	Temperature, water		27.54	deg C
1999-01-12	12:25:00	EST	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	6	mg/l
1999-01-12	12:25:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	21	#/100ml
1999-01-12	12:25:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	38	#/100ml
1999-01-12	12:25:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.16	mg/l
1999-01-12	12:25:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	8	mg/l
1999-01-12	12:25:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	11	NTU
1999-01-12	12:25:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
1999-01-12	12:25:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		11.6	mg/l
1999-01-12	12:25:00	EST	21SC60WQ_WQX-C-017	pH		7.49	None
1999-01-12	12:25:00	EST	21SC60WQ_WQX-C-017	Temperature, water		6.5	deg C
1999-02-03	10:50:00	EST	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	5	mg/l
1999-02-03	10:50:00	EST	21SC60WQ_WQX-C-017	Cadmium	Total		
1999-02-03	10:50:00	EST	21SC60WQ_WQX-C-017	Chromium	Total		
1999-02-03	10:50:00	EST	21SC60WQ_WQX-C-017	Copper	Total		
1999-02-03	10:50:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	150	#/100ml
1999-02-03	10:50:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	240	#/100ml
1999-02-03	10:50:00	EST	21SC60WQ_WQX-C-017	Hardness, C	Total	12	mg/l
1999-02-03	10:50:00	EST	21SC60WQ_WQX-C-017	Iron	Total	0.76	mg/l
1999-02-03	10:50:00	EST	21SC60WQ_WQX-C-017	Lead	Total		
1999-02-03	10:50:00	EST	21SC60WQ_WQX-C-017	Manganese	Total	0.03	mg/l
1999-02-03	10:50:00	EST	21SC60WQ_WQX-C-017	Mercury	Total		
1999-02-03	10:50:00	EST	21SC60WQ_WQX-C-017	Nickel	Total		
1999-02-03	10:50:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.2	mg/l
1999-02-03	10:50:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	14	mg/l
1999-02-03	10:50:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	14	NTU
1999-02-03	10:50:00	EST	21SC60WQ_WQX-C-017	Zinc	Total	0.02	mg/l
1999-02-03	10:50:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
1999-02-03	10:50:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		9.25	mg/l
1999-02-03	10:50:00	EST	21SC60WQ_WQX-C-017	pH		6.59	None
1999-02-03	10:50:00	EST	21SC60WQ_WQX-C-017	Temperature, water		11	deg C
1999-03-01	12:30:00	EST	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	3	mg/l
1999-03-01	12:30:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	23	#/100ml
1999-03-01	12:30:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	66	#/100ml
1999-03-01	12:30:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.13	mg/l
1999-03-01	12:30:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	8.5	mg/l
1999-03-01	12:30:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	6.4	NTU
1999-03-01	12:30:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m

1999-03-01	12:30:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		10.2	mg/l
1999-03-01	12:30:00	EST	21SC60WQ_WQX-C-017	pH		7.19	None
1999-03-01	12:30:00	EST	21SC60WQ_WQX-C-017	Temperature, water		12.5	deg C
1999-04-13	12:10:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	9	mg/l
1999-04-13	12:10:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	33	#/100ml
1999-04-13	12:10:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	1800	#/100ml
1999-04-13	12:10:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.09	mg/l
1999-04-13	12:10:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	19	mg/l
1999-04-13	12:10:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	22	NTU
1999-04-13	12:10:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
1999-04-13	12:10:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		7.4	mg/l
1999-04-13	12:10:00	EST	21SC60WQ_WQX-C-017	pH		6.24	None
1999-04-13	12:10:00	EST	21SC60WQ_WQX-C-017	Temperature, water		18.5	deg C
1999-05-11	09:40:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	12	mg/l
1999-05-11	09:40:00	EST	21SC60WQ_WQX-C-017	Cadmium	Total		
1999-05-11	09:40:00	EST	21SC60WQ_WQX-C-017	Chromium	Total		
1999-05-11	09:40:00	EST	21SC60WQ_WQX-C-017	Copper	Total		
1999-05-11	09:40:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	60	#/100ml
1999-05-11	09:40:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	250	#/100ml
1999-05-11	09:40:00	EST	21SC60WQ_WQX-C-017	Iron	Total	1.6	mg/l
1999-05-11	09:40:00	EST	21SC60WQ_WQX-C-017	Lead	Total		
1999-05-11	09:40:00	EST	21SC60WQ_WQX-C-017	Manganese	Total	0.07	mg/l
1999-05-11	09:40:00	EST	21SC60WQ_WQX-C-017	Mercury	Total		
1999-05-11	09:40:00	EST	21SC60WQ_WQX-C-017	Nickel	Total		
1999-05-11	09:40:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.07	mg/l
1999-05-11	09:40:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	22	mg/l
1999-05-11	09:40:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	11	NTU
1999-05-11	09:40:00	EST	21SC60WQ_WQX-C-017	Zinc	Total	0.02	mg/l
1999-05-11	09:40:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
1999-05-11	09:40:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		7.2	mg/l
1999-05-11	09:40:00	EST	21SC60WQ_WQX-C-017	pH		6.54	None
1999-05-11	09:40:00	EST	21SC60WQ_WQX-C-017	Temperature, water		22	deg C
1999-06-30	09:10:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	10	mg/l
1999-06-30	09:10:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	130	#/100ml
1999-06-30	09:10:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	360	#/100ml
1999-06-30	09:10:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	21	mg/l
1999-06-30	09:10:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	23	NTU
1999-06-30	09:10:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
1999-06-30	09:10:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		6.3	mg/l
1999-06-30	09:10:00	EST	21SC60WQ_WQX-C-017	pH		6.48	None
1999-06-30	09:10:00	EST	21SC60WQ_WQX-C-017	Temperature, water		24.5	deg C
1999-07-20	10:25:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	11	mg/l
1999-07-20	10:25:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	120	#/100ml
1999-07-20	10:25:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	210	#/100ml
1999-07-20	10:25:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.12	mg/l
1999-07-20	10:25:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	14	mg/l
1999-07-20	10:25:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	16	NTU
1999-07-20	10:25:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
1999-07-20	10:25:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		6.1	mg/l
1999-07-20	10:25:00	EST	21SC60WQ_WQX-C-017	pH		7.3	None
1999-07-20	10:25:00	EST	21SC60WQ_WQX-C-017	Temperature, water		26.5	deg C
1999-08-11	10:25:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	14	mg/l
1999-08-11	10:25:00	EST	21SC60WQ_WQX-C-017	Cadmium	Total		
1999-08-11	10:25:00	EST	21SC60WQ_WQX-C-017	Chromium	Total		

1999-08-11	10:25:00	EST	21SC60WQ_WQX-C-017	Copper	Total		
1999-08-11	10:25:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	150	#/100ml
1999-08-11	10:25:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	130	#/100ml
1999-08-11	10:25:00	EST	21SC60WQ_WQX-C-017	Iron	Total	1.4	mg/l
1999-08-11	10:25:00	EST	21SC60WQ_WQX-C-017	Lead	Total		
1999-08-11	10:25:00	EST	21SC60WQ_WQX-C-017	Manganese	Total	0.08	mg/l
1999-08-11	10:25:00	EST	21SC60WQ_WQX-C-017	Mercury	Total		
1999-08-11	10:25:00	EST	21SC60WQ_WQX-C-017	Nickel	Total		
1999-08-11	10:25:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.34	mg/l
1999-08-11	10:25:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	5.6	mg/l
1999-08-11	10:25:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	9.2	NTU
1999-08-11	10:25:00	EST	21SC60WQ_WQX-C-017	Zinc	Total	0.02	mg/l
1999-08-11	10:25:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
1999-08-11	10:25:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		5.2	mg/l
1999-08-11	10:25:00	EST	21SC60WQ_WQX-C-017	pH		6.37	None
1999-08-11	10:25:00	EST	21SC60WQ_WQX-C-017	Temperature, water		27.5	deg C
1999-09-16	10:50:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	6	mg/l
1999-09-16	10:50:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	1300	#/100ml
1999-09-16	10:50:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	7600	#/100ml
1999-09-16	10:50:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.08	mg/l
1999-09-16	10:50:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	26	mg/l
1999-09-16	10:50:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	20	NTU
1999-09-16	10:50:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
1999-09-16	10:50:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		6.2	mg/l
1999-09-16	10:50:00	EST	21SC60WQ_WQX-C-017	pH		6.55	None
1999-09-16	10:50:00	EST	21SC60WQ_WQX-C-017	Temperature, water		22	deg C
1999-10-19	11:10:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	10	mg/l
1999-10-19	11:10:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	77	#/100ml
1999-10-19	11:10:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	400	#/100ml
1999-10-19	11:10:00	EST	21SC60WQ_WQX-C-017	Ammonia	Total		
1999-10-19	11:10:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.08	mg/l
1999-10-19	11:10:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	10	mg/l
1999-10-19	11:10:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	13	NTU
1999-10-19	11:10:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
1999-10-19	11:10:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		7.2	mg/l
1999-10-19	11:10:00	EST	21SC60WQ_WQX-C-017	pH		6.77	None
1999-10-19	11:10:00	EST	21SC60WQ_WQX-C-017	Temperature, water		20	deg C
1999-11-08	12:10:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	14	mg/l
1999-11-08	12:10:00	EST	21SC60WQ_WQX-C-017	Cadmium	Total		
1999-11-08	12:10:00	EST	21SC60WQ_WQX-C-017	Chromium	Total		
1999-11-08	12:10:00	EST	21SC60WQ_WQX-C-017	Copper	Total		
1999-11-08	12:10:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	18	#/100ml
1999-11-08	12:10:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	69	#/100ml
1999-11-08	12:10:00	EST	21SC60WQ_WQX-C-017	Iron	Total	1.2	mg/l
1999-11-08	12:10:00	EST	21SC60WQ_WQX-C-017	Lead	Total		
1999-11-08	12:10:00	EST	21SC60WQ_WQX-C-017	Manganese	Total	0.06	mg/l
1999-11-08	12:10:00	EST	21SC60WQ_WQX-C-017	Mercury	Total		
1999-11-08	12:10:00	EST	21SC60WQ_WQX-C-017	Nickel	Total		
1999-11-08	12:10:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.1	mg/l
1999-11-08	12:10:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	5.6	mg/l
1999-11-08	12:10:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	7.2	NTU
1999-11-08	12:10:00	EST	21SC60WQ_WQX-C-017	Zinc	Total	0.03	mg/l
1999-11-08	12:10:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
1999-11-08	12:10:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		7.8	mg/l

1999-11-08	12:10:00	EST	21SC60WQ_WQX-C-017	pH		6.91	None
1999-11-08	12:10:00	EST	21SC60WQ_WQX-C-017	Temperature, water		15.5	deg C
1999-12-15	10:45:00	EST	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	9	mg/l
1999-12-15	10:45:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	27	#/100ml
1999-12-15	10:45:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	77	#/100ml
1999-12-15	10:45:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.03	mg/l
1999-12-15	10:45:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	6	mg/l
1999-12-15	10:45:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	12	NTU
1999-12-15	10:45:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
1999-12-15	10:45:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		8.2	mg/l
1999-12-15	10:45:00	EST	21SC60WQ_WQX-C-017	pH		6.55	None
1999-12-15	10:45:00	EST	21SC60WQ_WQX-C-017	Temperature, water		11	deg C
2000-01-17	12:55:00	EST	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	6	mg/l
2000-01-17	12:55:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	17	#/100ml
2000-01-17	12:55:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	51	#/100ml
2000-01-17	12:55:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.18	mg/l
2000-01-17	12:55:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	11	NTU
2000-01-17	12:55:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2000-01-17	12:55:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		9.65	mg/l
2000-01-17	12:55:00	EST	21SC60WQ_WQX-C-017	pH		7.86	None
2000-01-17	12:55:00	EST	21SC60WQ_WQX-C-017	Temperature, water		10.5	deg C
2000-02-01	12:50:00	EST	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	6	mg/l
2000-02-01	12:50:00	EST	21SC60WQ_WQX-C-017	Cadmium	Total		
2000-02-01	12:50:00	EST	21SC60WQ_WQX-C-017	Chromium	Total		
2000-02-01	12:50:00	EST	21SC60WQ_WQX-C-017	Copper	Total		
2000-02-01	12:50:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	25	#/100ml
2000-02-01	12:50:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	86	#/100ml
2000-02-01	12:50:00	EST	21SC60WQ_WQX-C-017	Hardness, C	Total	10	mg/l
2000-02-01	12:50:00	EST	21SC60WQ_WQX-C-017	Iron	Total	0.4	mg/l
2000-02-01	12:50:00	EST	21SC60WQ_WQX-C-017	Lead	Total		
2000-02-01	12:50:00	EST	21SC60WQ_WQX-C-017	Manganese	Total	0.02	mg/l
2000-02-01	12:50:00	EST	21SC60WQ_WQX-C-017	Mercury	Total		
2000-02-01	12:50:00	EST	21SC60WQ_WQX-C-017	Nickel	Total		
2000-02-01	12:50:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.24	mg/l
2000-02-01	12:50:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	11	mg/l
2000-02-01	12:50:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	18	NTU
2000-02-01	12:50:00	EST	21SC60WQ_WQX-C-017	Zinc	Total	0.02	mg/l
2000-02-01	12:50:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2000-02-01	12:50:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		10.9	mg/l
2000-02-01	12:50:00	EST	21SC60WQ_WQX-C-017	pH		5.19	None
2000-02-01	12:50:00	EST	21SC60WQ_WQX-C-017	Temperature, water		2.5	deg C
2000-03-08	12:55:00	EST	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	6	mg/l
2000-03-08	12:55:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	6	#/100ml
2000-03-08	12:55:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	47	#/100ml
2000-03-08	12:55:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.16	mg/l
2000-03-08	12:55:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	8.5	mg/l
2000-03-08	12:55:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	9.9	NTU
2000-03-08	12:55:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2000-03-08	12:55:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		7.25	mg/l
2000-03-08	12:55:00	EST	21SC60WQ_WQX-C-017	pH		7.77	None
2000-03-08	12:55:00	EST	21SC60WQ_WQX-C-017	Temperature, water		18.5	deg C
2000-04-05	09:00:00	EST	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	22	mg/l
2000-04-05	09:00:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	25	#/100ml
2000-04-05	09:00:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	180	#/100ml

2000-04-05	09:00:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.25	mg/l
2000-04-05	09:00:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	14	mg/l
2000-04-05	09:00:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	19	NTU
2000-04-05	09:00:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2000-04-05	09:00:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		6.45	mg/l
2000-04-05	09:00:00	EST	21SC60WQ_WQX-C-017	pH		6.38	None
2000-04-05	09:00:00	EST	21SC60WQ_WQX-C-017	Temperature, water		14.5	deg C
2000-05-11	10:20:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	21	mg/l
2000-05-11	10:20:00	EST	21SC60WQ_WQX-C-017	Cadmium	Total		
2000-05-11	10:20:00	EST	21SC60WQ_WQX-C-017	Chromium	Total		
2000-05-11	10:20:00	EST	21SC60WQ_WQX-C-017	Copper	Total		
2000-05-11	10:20:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	29	#/100ml
2000-05-11	10:20:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	180	#/100ml
2000-05-11	10:20:00	EST	21SC60WQ_WQX-C-017	Iron	Total	2.7	mg/l
2000-05-11	10:20:00	EST	21SC60WQ_WQX-C-017	Lead	Total		
2000-05-11	10:20:00	EST	21SC60WQ_WQX-C-017	Manganese	Total	0.16	mg/l
2000-05-11	10:20:00	EST	21SC60WQ_WQX-C-017	Mercury	Total		
2000-05-11	10:20:00	EST	21SC60WQ_WQX-C-017	Nickel	Total		
2000-05-11	10:20:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.21	mg/l
2000-05-11	10:20:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	9.4	mg/l
2000-05-11	10:20:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	14	NTU
2000-05-11	10:20:00	EST	21SC60WQ_WQX-C-017	Zinc	Total		
2000-05-11	10:20:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2000-05-11	10:20:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		4.5	mg/l
2000-05-11	10:20:00	EST	21SC60WQ_WQX-C-017	pH		6.22	None
2000-05-11	10:20:00	EST	21SC60WQ_WQX-C-017	Temperature, water		22.5	deg C
2000-06-05	09:10:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	26	mg/l
2000-06-05	09:10:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	63	#/100ml
2000-06-05	09:10:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	110	#/100ml
2000-06-05	09:10:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.3	mg/l
2000-06-05	09:10:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	17	NTU
2000-06-05	09:10:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2000-06-05	09:10:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		3.65	mg/l
2000-06-05	09:10:00	EST	21SC60WQ_WQX-C-017	pH		7.21	None
2000-06-05	09:10:00	EST	21SC60WQ_WQX-C-017	Temperature, water		24.5	deg C
2000-07-18	13:20:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	15	mg/l
2000-07-18	13:20:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	39	#/100ml
2000-07-18	13:20:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	290	#/100ml
2000-07-18	13:20:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.25	mg/l
2000-07-18	13:20:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	3.6	mg/l
2000-07-18	13:20:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	6.4	NTU
2000-07-18	13:20:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2000-07-18	13:20:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		4.95	mg/l
2000-07-18	13:20:00	EST	21SC60WQ_WQX-C-017	pH		6.6	None
2000-07-18	13:20:00	EST	21SC60WQ_WQX-C-017	Temperature, water		27.5	deg C
2000-08-02	09:20:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	9	mg/l
2000-08-02	09:20:00	EST	21SC60WQ_WQX-C-017	Cadmium	Total		
2000-08-02	09:20:00	EST	21SC60WQ_WQX-C-017	Chromium	Total		
2000-08-02	09:20:00	EST	21SC60WQ_WQX-C-017	Copper	Total		
2000-08-02	09:20:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	2400	#/100ml
2000-08-02	09:20:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	3800	#/100ml
2000-08-02	09:20:00	EST	21SC60WQ_WQX-C-017	Iron	Total	2.6	mg/l
2000-08-02	09:20:00	EST	21SC60WQ_WQX-C-017	Lead	Total		
2000-08-02	09:20:00	EST	21SC60WQ_WQX-C-017	Manganese	Total	0.11	mg/l

2000-08-02	09:20:00	EST	21SC60WQ_WQX-C-017	Mercury	Total		
2000-08-02	09:20:00	EST	21SC60WQ_WQX-C-017	Nickel	Total		
2000-08-02	09:20:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.37	mg/l
2000-08-02	09:20:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	100	mg/l
2000-08-02	09:20:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	100	NTU
2000-08-02	09:20:00	EST	21SC60WQ_WQX-C-017	Zinc	Total	0.03	mg/l
2000-08-02	09:20:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2000-08-02	09:20:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		4.85	mg/l
2000-08-02	09:20:00	EST	21SC60WQ_WQX-C-017	pH		6.32	None
2000-08-02	09:20:00	EST	21SC60WQ_WQX-C-017	Temperature, water		25.5	deg C
2000-09-05	11:20:00	EST	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	12	mg/l
2000-09-05	11:20:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	130	#/100ml
2000-09-05	11:20:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	620	#/100ml
2000-09-05	11:20:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.08	mg/l
2000-09-05	11:20:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	22	mg/l
2000-09-05	11:20:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	9.4	NTU
2000-09-05	11:20:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2000-09-05	11:20:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		5.6	mg/l
2000-09-05	11:20:00	EST	21SC60WQ_WQX-C-017	pH		6.14	None
2000-09-05	11:20:00	EST	21SC60WQ_WQX-C-017	Temperature, water		25.5	deg C
2000-10-10	09:25:00	EST	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	11	mg/l
2000-10-10	09:25:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	7	#/100ml
2000-10-10	09:25:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	69	#/100ml
2000-10-10	09:25:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.1	mg/l
2000-10-10	09:25:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	7.6	mg/l
2000-10-10	09:25:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	8.6	NTU
2000-10-10	09:25:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2000-10-10	09:25:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		7.6	mg/l
2000-10-10	09:25:00	EST	21SC60WQ_WQX-C-017	pH		5.17	None
2000-10-10	09:25:00	EST	21SC60WQ_WQX-C-017	Temperature, water		10.5	deg C
2000-11-08	10:10:00	EST	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	17	mg/l
2000-11-08	10:10:00	EST	21SC60WQ_WQX-C-017	Cadmium	Total		
2000-11-08	10:10:00	EST	21SC60WQ_WQX-C-017	Chromium	Total		
2000-11-08	10:10:00	EST	21SC60WQ_WQX-C-017	Copper	Total		
2000-11-08	10:10:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	26	#/100ml
2000-11-08	10:10:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	100	#/100ml
2000-11-08	10:10:00	EST	21SC60WQ_WQX-C-017	Iron	Total	2.2	mg/l
2000-11-08	10:10:00	EST	21SC60WQ_WQX-C-017	Lead	Total		
2000-11-08	10:10:00	EST	21SC60WQ_WQX-C-017	Manganese	Total	0.11	mg/l
2000-11-08	10:10:00	EST	21SC60WQ_WQX-C-017	Mercury	Total		
2000-11-08	10:10:00	EST	21SC60WQ_WQX-C-017	Nickel	Total		
2000-11-08	10:10:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.07	mg/l
2000-11-08	10:10:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	7.9	mg/l
2000-11-08	10:10:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	8.7	NTU
2000-11-08	10:10:00	EST	21SC60WQ_WQX-C-017	Zinc	Total	0.01	mg/l
2000-11-08	10:10:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2000-11-08	10:10:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		5.7	mg/l
2000-11-08	10:10:00	EST	21SC60WQ_WQX-C-017	pH		7.46	None
2000-11-08	10:10:00	EST	21SC60WQ_WQX-C-017	Temperature, water		18.5	deg C
2000-12-05	09:15:00	EST	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	10	mg/l
2000-12-05	09:15:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total		
2000-12-05	09:15:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total		
2000-12-05	09:15:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total		
2000-12-05	09:15:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.06	mg/l

2000-12-05	09:15:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	5.4	mg/l
2000-12-05	09:15:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	8.8	NTU
2000-12-05	09:15:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2000-12-05	09:15:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		10.5	mg/l
2000-12-05	09:15:00	EST	21SC60WQ_WQX-C-017	pH		7.62	None
2000-12-05	09:15:00	EST	21SC60WQ_WQX-C-017	Temperature, water		5	deg C
2001-01-10	09:45:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total		
2001-01-10	09:45:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	31	#/100ml
2001-01-10	09:45:00	EST	21SC60WQ_WQX-C-017	Fecal Colifoı	Total	67	#/100ml
2001-01-10	09:45:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.12	mg/l
2001-01-10	09:45:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	6.3	mg/l
2001-01-10	09:45:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	9.5	NTU
2001-01-10	09:45:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2001-01-10	09:45:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		13.2	mg/l
2001-01-10	09:45:00	EST	21SC60WQ_WQX-C-017	pH		5.78	None
2001-01-10	09:45:00	EST	21SC60WQ_WQX-C-017	Temperature, water		3.5	deg C
2001-02-26	09:30:00	EST	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	8	mg/l
2001-02-26	09:30:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total		
2001-02-26	09:30:00	EST	21SC60WQ_WQX-C-017	Cadmium	Total		
2001-02-26	09:30:00	EST	21SC60WQ_WQX-C-017	Chromium	Total		
2001-02-26	09:30:00	EST	21SC60WQ_WQX-C-017	Copper	Total		
2001-02-26	09:30:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	12	#/100ml
2001-02-26	09:30:00	EST	21SC60WQ_WQX-C-017	Fecal Colifoı	Total	52	#/100ml
2001-02-26	09:30:00	EST	21SC60WQ_WQX-C-017	Hardness, C	Total	10	mg/l
2001-02-26	09:30:00	EST	21SC60WQ_WQX-C-017	Iron	Total	0.93	mg/l
2001-02-26	09:30:00	EST	21SC60WQ_WQX-C-017	Lead	Total		
2001-02-26	09:30:00	EST	21SC60WQ_WQX-C-017	Manganese	Total	0.04	mg/l
2001-02-26	09:30:00	EST	21SC60WQ_WQX-C-017	Mercury	Total		
2001-02-26	09:30:00	EST	21SC60WQ_WQX-C-017	Nickel	Total		
2001-02-26	09:30:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.11	mg/l
2001-02-26	09:30:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	12	mg/l
2001-02-26	09:30:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	14	NTU
2001-02-26	09:30:00	EST	21SC60WQ_WQX-C-017	Zinc	Total		
2001-02-26	09:30:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2001-02-26	09:30:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		7.23	mg/l
2001-02-26	09:30:00	EST	21SC60WQ_WQX-C-017	pH		7.82	None
2001-02-26	09:30:00	EST	21SC60WQ_WQX-C-017	Temperature, water		15.9	deg C
2001-03-26	09:10:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total		
2001-03-26	09:10:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	12	#/100ml
2001-03-26	09:10:00	EST	21SC60WQ_WQX-C-017	Fecal Colifoı	Total	53	#/100ml
2001-03-26	09:10:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.1	mg/l
2001-03-26	09:10:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	12	mg/l
2001-03-26	09:10:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	19	NTU
2001-03-26	09:10:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2001-03-26	09:10:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		7.43	mg/l
2001-03-26	09:10:00	EST	21SC60WQ_WQX-C-017	pH		6.9	None
2001-03-26	09:10:00	EST	21SC60WQ_WQX-C-017	Temperature, water		12.3	deg C
2001-04-04	11:45:00	EST	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	12	mg/l
2001-04-04	11:45:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total		
2001-04-04	11:45:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	5	#/100ml
2001-04-04	11:45:00	EST	21SC60WQ_WQX-C-017	Fecal Colifoı	Total	37	#/100ml
2001-04-04	11:45:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.14	mg/l
2001-04-04	11:45:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	7.5	mg/l
2001-04-04	11:45:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	12	NTU

2001-05-15	10:05:00	EST	21SC60WQ_WQX-C-017	Cadmium	Total		
2001-05-15	10:05:00	EST	21SC60WQ_WQX-C-017	Chromium	Total		
2001-05-15	10:05:00	EST	21SC60WQ_WQX-C-017	Copper	Total		
2001-05-15	10:05:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	44	#/100ml
2001-05-15	10:05:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	230	#/100ml
2001-05-15	10:05:00	EST	21SC60WQ_WQX-C-017	Iron	Total	2.4	mg/l
2001-05-15	10:05:00	EST	21SC60WQ_WQX-C-017	Lead	Total		
2001-05-15	10:05:00	EST	21SC60WQ_WQX-C-017	Manganese	Total	0.21	mg/l
2001-05-15	10:05:00	EST	21SC60WQ_WQX-C-017	Mercury	Total		
2001-05-15	10:05:00	EST	21SC60WQ_WQX-C-017	Nickel	Total		
2001-05-15	10:05:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.07	mg/l
2001-05-15	10:05:00	EST	21SC60WQ_WQX-C-017	Total suspe	Total	14	mg/l
2001-05-15	10:05:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	17	NTU
2001-05-15	10:05:00	EST	21SC60WQ_WQX-C-017	Zinc	Total	0.02	mg/l
2001-06-18	14:55:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	9.3	mg/l
2001-06-18	14:55:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	2.5	mg/l
2001-06-18	14:55:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	130	#/100ml
2001-06-18	14:55:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	270	#/100ml
2001-06-18	14:55:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.49	mg/l
2001-06-18	14:55:00	EST	21SC60WQ_WQX-C-017	Ammonia	Total	0.14	mg/l
2001-06-18	14:55:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.02	mg/l
2001-06-18	14:55:00	EST	21SC60WQ_WQX-C-017	Total suspe	Total	15	mg/l
2001-06-18	14:55:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	16	NTU
2001-06-18	14:55:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	0.51	mg/l
2001-06-18	14:55:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2001-06-18	14:55:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		5.24	mg/l
2001-06-18	14:55:00	EST	21SC60WQ_WQX-C-017	pH		6.12	None
2001-06-18	14:55:00	EST	21SC60WQ_WQX-C-017	Temperature, water		27.7	deg C
2001-07-10	08:40:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total		
2001-07-10	08:40:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	110	#/100ml
2001-07-10	08:40:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	280	#/100ml
2001-07-10	08:40:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.1	mg/l
2001-07-10	08:40:00	EST	21SC60WQ_WQX-C-017	Total suspe	Total	12	mg/l
2001-07-10	08:40:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	11	NTU
2001-07-10	08:40:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2001-07-10	08:40:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		5.12	mg/l
2001-07-10	08:40:00	EST	21SC60WQ_WQX-C-017	pH		6.89	None
2001-07-10	08:40:00	EST	21SC60WQ_WQX-C-017	Temperature, water		26.5	deg C
2001-08-08	09:55:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	12	mg/l
2001-08-08	09:55:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total		
2001-08-08	09:55:00	EST	21SC60WQ_WQX-C-017	Cadmium	Total		
2001-08-08	09:55:00	EST	21SC60WQ_WQX-C-017	Organic carl	Total	4.5	mg/l
2001-08-08	09:55:00	EST	21SC60WQ_WQX-C-017	Chromium	Total		
2001-08-08	09:55:00	EST	21SC60WQ_WQX-C-017	Copper	Total		
2001-08-08	09:55:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	75	#/100ml
2001-08-08	09:55:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	70	#/100ml
2001-08-08	09:55:00	EST	21SC60WQ_WQX-C-017	Iron	Total	1	mg/l
2001-08-08	09:55:00	EST	21SC60WQ_WQX-C-017	Lead	Total		
2001-08-08	09:55:00	EST	21SC60WQ_WQX-C-017	Manganese	Total	0.082	mg/l
2001-08-08	09:55:00	EST	21SC60WQ_WQX-C-017	Mercury	Total		
2001-08-08	09:55:00	EST	21SC60WQ_WQX-C-017	Nickel	Total		
2001-08-08	09:55:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.5	mg/l
2001-08-08	09:55:00	EST	21SC60WQ_WQX-C-017	Ammonia	Total	0.26	mg/l
2001-08-08	09:55:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.24	mg/l

2001-08-08	09:55:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	8	mg/l
2001-08-08	09:55:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	9.2	NTU
2001-08-08	09:55:00	EST	21SC60WQ_WQX-C-017	Zinc	Total		
2001-08-08	09:55:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	0.74	mg/l
2001-08-08	09:55:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2001-08-08	09:55:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		5.26	mg/l
2001-08-08	09:55:00	EST	21SC60WQ_WQX-C-017	pH		6.69	None
2001-08-08	09:55:00	EST	21SC60WQ_WQX-C-017	Temperature, water		27.4	deg C
2001-09-10	11:15:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	14	mg/l
2001-09-10	11:15:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	2.7	mg/l
2001-09-10	11:15:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	200	#/100ml
2001-09-10	11:15:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	350	#/100ml
2001-09-10	11:15:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.051	mg/l
2001-09-10	11:15:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	12	mg/l
2001-09-10	11:15:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	13	NTU
2001-09-10	11:15:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2001-09-10	11:15:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		5.8	mg/l
2001-09-10	11:15:00	EST	21SC60WQ_WQX-C-017	pH		6.58	None
2001-09-10	11:15:00	EST	21SC60WQ_WQX-C-017	Temperature, water		25.4	deg C
2001-10-24	10:05:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	17	mg/l
2001-10-24	10:05:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total		
2001-10-24	10:05:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	26	#/100ml
2001-10-24	10:05:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	57	#/100ml
2001-10-24	10:05:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total		
2001-10-24	10:05:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.04	mg/l
2001-10-24	10:05:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	4	mg/l
2001-10-24	10:05:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	4.6	NTU
2001-10-24	10:05:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total		
2001-10-24	10:05:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2001-10-24	10:05:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		5.41	mg/l
2001-10-24	10:05:00	EST	21SC60WQ_WQX-C-017	pH		6.3	None
2001-10-24	10:05:00	EST	21SC60WQ_WQX-C-017	Temperature, water		18.2	deg C
2001-11-26	12:00:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	4.1	mg/l
2001-11-26	12:00:00	EST	21SC60WQ_WQX-C-017	Cadmium	Total		
2001-11-26	12:00:00	EST	21SC60WQ_WQX-C-017	Organic carl	Total	9.7	mg/l
2001-11-26	12:00:00	EST	21SC60WQ_WQX-C-017	Chromium	Total		
2001-11-26	12:00:00	EST	21SC60WQ_WQX-C-017	Copper	Total		
2001-11-26	12:00:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	38	#/100ml
2001-11-26	12:00:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	1200	#/100ml
2001-11-26	12:00:00	EST	21SC60WQ_WQX-C-017	Iron	Total	1.8	mg/l
2001-11-26	12:00:00	EST	21SC60WQ_WQX-C-017	Lead	Total		
2001-11-26	12:00:00	EST	21SC60WQ_WQX-C-017	Manganese	Total	0.2	mg/l
2001-11-26	12:00:00	EST	21SC60WQ_WQX-C-017	Mercury	Total		
2001-11-26	12:00:00	EST	21SC60WQ_WQX-C-017	Nickel	Total		
2001-11-26	12:00:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total		
2001-11-26	12:00:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	9	mg/l
2001-11-26	12:00:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	8.4	NTU
2001-11-26	12:00:00	EST	21SC60WQ_WQX-C-017	Zinc	Total	0.013	mg/l
2001-11-26	12:00:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2001-11-26	12:00:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		4.28	mg/l
2001-11-26	12:00:00	EST	21SC60WQ_WQX-C-017	pH		5.7	None
2001-11-26	12:00:00	EST	21SC60WQ_WQX-C-017	Temperature, water		18.5	deg C
2001-12-04	11:00:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total		
2001-12-04	11:00:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total		

2001-12-04	11:00:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	5	#/100ml
2001-12-04	11:00:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	40	#/100ml
2001-12-04	11:00:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.76	mg/l
2001-12-04	11:00:00	EST	21SC60WQ_WQX-C-017	Ammonia	Total	0.18	mg/l
2001-12-04	11:00:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.036	mg/l
2001-12-04	11:00:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	7.3	NTU
2001-12-04	11:00:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	0.796	mg/l
2001-12-04	11:00:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2001-12-04	11:00:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		5.75	mg/l
2001-12-04	11:00:00	EST	21SC60WQ_WQX-C-017	pH		6	None
2001-12-04	11:00:00	EST	21SC60WQ_WQX-C-017	Temperature, water		13.4	deg C
2002-01-09	08:50:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	3.5	mg/l
2002-01-09	08:50:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	46	#/100ml
2002-01-09	08:50:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	70	#/100ml
2002-01-09	08:50:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.13	mg/l
2002-01-09	08:50:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.049	mg/l
2002-01-09	08:50:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	11	NTU
2002-01-09	08:50:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2002-01-09	08:50:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		12	mg/l
2002-01-09	08:50:00	EST	21SC60WQ_WQX-C-017	pH		7.25	None
2002-01-09	08:50:00	EST	21SC60WQ_WQX-C-017	Temperature, water		5.5	deg C
2002-02-13	09:20:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	6.7	mg/l
2002-02-13	09:20:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total		
2002-02-13	09:20:00	EST	21SC60WQ_WQX-C-017	Cadmium	Total		
2002-02-13	09:20:00	EST	21SC60WQ_WQX-C-017	Organic carl	Total	3.9	mg/l
2002-02-13	09:20:00	EST	21SC60WQ_WQX-C-017	Chromium	Total		
2002-02-13	09:20:00	EST	21SC60WQ_WQX-C-017	Copper	Total		
2002-02-13	09:20:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	19	#/100ml
2002-02-13	09:20:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	83	#/100ml
2002-02-13	09:20:00	EST	21SC60WQ_WQX-C-017	Iron	Total	0.74	mg/l
2002-02-13	09:20:00	EST	21SC60WQ_WQX-C-017	Lead	Total		
2002-02-13	09:20:00	EST	21SC60WQ_WQX-C-017	Manganese	Total	0.034	mg/l
2002-02-13	09:20:00	EST	21SC60WQ_WQX-C-017	Mercury	Total		
2002-02-13	09:20:00	EST	21SC60WQ_WQX-C-017	Nickel	Total		
2002-02-13	09:20:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.46	mg/l
2002-02-13	09:20:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.12	mg/l
2002-02-13	09:20:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.095	mg/l
2002-02-13	09:20:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.036	mg/l
2002-02-13	09:20:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	7.4	NTU
2002-02-13	09:20:00	EST	21SC60WQ_WQX-C-017	Zinc	Total		
2002-02-13	09:20:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	0.555	mg/l
2002-02-13	09:20:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2002-02-13	09:20:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		10.9	mg/l
2002-02-13	09:20:00	EST	21SC60WQ_WQX-C-017	pH		7.15	None
2002-02-13	09:20:00	EST	21SC60WQ_WQX-C-017	Temperature, water		10.5	deg C
2002-03-12	09:35:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total		
2002-03-12	09:35:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	5	#/100ml
2002-03-12	09:35:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	65	#/100ml
2002-03-12	09:35:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.16	mg/l
2002-03-12	09:35:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.049	mg/l
2002-03-12	09:35:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	6.8	mg/l
2002-03-12	09:35:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	11	NTU
2002-03-12	09:35:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2002-03-12	09:35:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		7.6	mg/l

2002-03-12	09:35:00	EST	21SC60WQ_WQX-C-017	pH		6.2	None
2002-03-12	09:35:00	EST	21SC60WQ_WQX-C-017	Temperature, water		12.5	deg C
2002-04-10	13:25:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	9.1	mg/l
2002-04-10	13:25:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	5.4	mg/l
2002-04-10	13:25:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total		
2002-04-10	13:25:00	EST	21SC60WQ_WQX-C-017	Fecal Colifo	Total	2300	#/100ml
2002-04-10	13:25:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.75	mg/l
2002-04-10	13:25:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.2	mg/l
2002-04-10	13:25:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.092	mg/l
2002-04-10	13:25:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.15	mg/l
2002-04-10	13:25:00	EST	21SC60WQ_WQX-C-017	Total suspe	Total	49	mg/l
2002-04-10	13:25:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	78	NTU
2002-04-10	13:25:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	0.842	mg/l
2002-04-10	13:25:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2002-04-10	13:25:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		6.1	mg/l
2002-04-10	13:25:00	EST	21SC60WQ_WQX-C-017	pH		6.23	None
2002-04-10	13:25:00	EST	21SC60WQ_WQX-C-017	Temperature, water		19.5	deg C
2002-05-15	11:00:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	11	mg/l
2002-05-15	11:00:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total		
2002-05-15	11:00:00	EST	21SC60WQ_WQX-C-017	Cadmium	Total		
2002-05-15	11:00:00	EST	21SC60WQ_WQX-C-017	Organic carl	Total	7.4	mg/l
2002-05-15	11:00:00	EST	21SC60WQ_WQX-C-017	Chromium	Total		
2002-05-15	11:00:00	EST	21SC60WQ_WQX-C-017	Copper	Total		
2002-05-15	11:00:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	110	#/100ml
2002-05-15	11:00:00	EST	21SC60WQ_WQX-C-017	Fecal Colifo	Total	390	#/100ml
2002-05-15	11:00:00	EST	21SC60WQ_WQX-C-017	Iron	Total	1.1	mg/l
2002-05-15	11:00:00	EST	21SC60WQ_WQX-C-017	Lead	Total		
2002-05-15	11:00:00	EST	21SC60WQ_WQX-C-017	Manganese	Total	0.051	mg/l
2002-05-15	11:00:00	EST	21SC60WQ_WQX-C-017	Mercury	Total		
2002-05-15	11:00:00	EST	21SC60WQ_WQX-C-017	Nickel	Total		
2002-05-15	11:00:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.58	mg/l
2002-05-15	11:00:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.14	mg/l
2002-05-15	11:00:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.062	mg/l
2002-05-15	11:00:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.053	mg/l
2002-05-15	11:00:00	EST	21SC60WQ_WQX-C-017	Total suspe	Total	22	mg/l
2002-05-15	11:00:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	11	NTU
2002-05-15	11:00:00	EST	21SC60WQ_WQX-C-017	Zinc	Total		
2002-05-15	11:00:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	0.642	mg/l
2002-05-15	11:00:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2002-05-15	11:00:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		6.75	mg/l
2002-05-15	11:00:00	EST	21SC60WQ_WQX-C-017	pH		6.9	None
2002-05-15	11:00:00	EST	21SC60WQ_WQX-C-017	Temperature, water		21	deg C
2002-06-04	10:15:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	14	mg/l
2002-06-04	10:15:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total		
2002-06-04	10:15:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	60	#/100ml
2002-06-04	10:15:00	EST	21SC60WQ_WQX-C-017	Fecal Colifo	Total	140	#/100ml
2002-06-04	10:15:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.67	mg/l
2002-06-04	10:15:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.25	mg/l
2002-06-04	10:15:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.18	mg/l
2002-06-04	10:15:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.046	mg/l
2002-06-04	10:15:00	EST	21SC60WQ_WQX-C-017	Total suspe	Total	7.5	mg/l
2002-06-04	10:15:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	7.4	NTU
2002-06-04	10:15:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	0.85	mg/l
2002-06-04	10:15:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m

2002-06-04	10:15:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		5	mg/l
2002-06-04	10:15:00	EST	21SC60WQ_WQX-C-017	pH		6.5	None
2002-06-04	10:15:00	EST	21SC60WQ_WQX-C-017	Temperature, water		26.5	deg C
2002-07-16	08:50:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	2.4	mg/l
2002-07-16	08:50:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	73	#/100ml
2002-07-16	08:50:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	170	#/100ml
2002-07-16	08:50:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.26	mg/l
2002-07-16	08:50:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.06	mg/l
2002-07-16	08:50:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	12	mg/l
2002-07-16	08:50:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	9.2	NTU
2002-07-16	08:50:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2002-07-16	08:50:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		4.88	mg/l
2002-07-16	08:50:00	EST	21SC60WQ_WQX-C-017	pH		6.8	None
2002-07-16	08:50:00	EST	21SC60WQ_WQX-C-017	Temperature, water		26.2	deg C
2002-08-20	13:10:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	12	mg/l
2002-08-20	13:10:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total		
2002-08-20	13:10:00	EST	21SC60WQ_WQX-C-017	Cadmium	Total		
2002-08-20	13:10:00	EST	21SC60WQ_WQX-C-017	Organic carl	Total	8.4	mg/l
2002-08-20	13:10:00	EST	21SC60WQ_WQX-C-017	Chromium	Total		
2002-08-20	13:10:00	EST	21SC60WQ_WQX-C-017	Copper	Total		
2002-08-20	13:10:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	62	#/100ml
2002-08-20	13:10:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	310	#/100ml
2002-08-20	13:10:00	EST	21SC60WQ_WQX-C-017	Iron	Total	1.3	mg/l
2002-08-20	13:10:00	EST	21SC60WQ_WQX-C-017	Lead	Total		
2002-08-20	13:10:00	EST	21SC60WQ_WQX-C-017	Manganese	Total	0.084	mg/l
2002-08-20	13:10:00	EST	21SC60WQ_WQX-C-017	Mercury	Total		
2002-08-20	13:10:00	EST	21SC60WQ_WQX-C-017	Nickel	Total		
2002-08-20	13:10:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.74	mg/l
2002-08-20	13:10:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.19	mg/l
2002-08-20	13:10:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.11	mg/l
2002-08-20	13:10:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.063	mg/l
2002-08-20	13:10:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	9.4	mg/l
2002-08-20	13:10:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	9.6	NTU
2002-08-20	13:10:00	EST	21SC60WQ_WQX-C-017	Zinc	Total	0.012	mg/l
2002-08-20	13:10:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	0.85	mg/l
2002-08-20	13:10:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2002-08-20	13:10:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		5.38	mg/l
2002-08-20	13:10:00	EST	21SC60WQ_WQX-C-017	pH		6.7	None
2002-08-20	13:10:00	EST	21SC60WQ_WQX-C-017	Temperature, water		28.9	deg C
2002-09-11	11:00:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total		
2002-09-11	11:00:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	120	#/100ml
2002-09-11	11:00:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	260	#/100ml
2002-09-11	11:00:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.23	mg/l
2002-09-11	11:00:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.071	mg/l
2002-09-11	11:00:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	7.6	mg/l
2002-09-11	11:00:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	14	NTU
2002-09-11	11:00:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2002-09-11	11:00:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		2.84	mg/l
2002-09-11	11:00:00	EST	21SC60WQ_WQX-C-017	pH		6.79	None
2002-09-11	11:00:00	EST	21SC60WQ_WQX-C-017	Temperature, water		24.3	deg C
2002-10-09	10:20:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	8.3	mg/l
2002-10-09	10:20:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total		
2002-10-09	10:20:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total		
2002-10-09	10:20:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	8700	#/100ml

2002-10-09	10:20:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.48	mg/l
2002-10-09	10:20:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.15	mg/l
2002-10-09	10:20:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.24	mg/l
2002-10-09	10:20:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.062	mg/l
2002-10-09	10:20:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	17	mg/l
2002-10-09	10:20:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	26	NTU
2002-10-09	10:20:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	0.72	mg/l
2002-10-09	10:20:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2002-10-09	10:20:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		5.92	mg/l
2002-10-09	10:20:00	EST	21SC60WQ_WQX-C-017	pH		5.96	None
2002-10-09	10:20:00	EST	21SC60WQ_WQX-C-017	Temperature, water		19.5	deg C
2002-11-12	09:55:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	4.7	mg/l
2002-11-12	09:55:00	EST	21SC60WQ_WQX-C-017	Cadmium	Total		
2002-11-12	09:55:00	EST	21SC60WQ_WQX-C-017	Organic carl	Total	9.4	mg/l
2002-11-12	09:55:00	EST	21SC60WQ_WQX-C-017	Chromium	Total		
2002-11-12	09:55:00	EST	21SC60WQ_WQX-C-017	Copper	Total		
2002-11-12	09:55:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total		
2002-11-12	09:55:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	2400	#/100ml
2002-11-12	09:55:00	EST	21SC60WQ_WQX-C-017	Iron	Total	1.6	mg/l
2002-11-12	09:55:00	EST	21SC60WQ_WQX-C-017	Lead	Total		
2002-11-12	09:55:00	EST	21SC60WQ_WQX-C-017	Manganese	Total	0.081	mg/l
2002-11-12	09:55:00	EST	21SC60WQ_WQX-C-017	Mercury	Total		
2002-11-12	09:55:00	EST	21SC60WQ_WQX-C-017	Nickel	Total		
2002-11-12	09:55:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.071	mg/l
2002-11-12	09:55:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.091	mg/l
2002-11-12	09:55:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	36	mg/l
2002-11-12	09:55:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	42	NTU
2002-11-12	09:55:00	EST	21SC60WQ_WQX-C-017	Zinc	Total	0.045	mg/l
2002-11-12	09:55:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2002-11-12	09:55:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		6.19	mg/l
2002-11-12	09:55:00	EST	21SC60WQ_WQX-C-017	pH		7.35	None
2002-11-12	09:55:00	EST	21SC60WQ_WQX-C-017	Temperature, water		18.5	deg C
2002-12-05	13:40:00	EST	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	11	mg/l
2002-12-05	13:40:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	7	mg/l
2002-12-05	13:40:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total		
2002-12-05	13:40:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	3000	#/100ml
2002-12-05	13:40:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.71	mg/l
2002-12-05	13:40:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.23	mg/l
2002-12-05	13:40:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.28	mg/l
2002-12-05	13:40:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.076	mg/l
2002-12-05	13:40:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	22	mg/l
2002-12-05	13:40:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	25	NTU
2002-12-05	13:40:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	0.99	mg/l
2002-12-05	13:40:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2002-12-05	13:40:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		10.72	mg/l
2002-12-05	13:40:00	EST	21SC60WQ_WQX-C-017	pH		6.73	None
2002-12-05	13:40:00	EST	21SC60WQ_WQX-C-017	Temperature, water		6.7	deg C
2003-02-04	08:45:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total		
2003-02-04	08:45:00	EST	21SC60WQ_WQX-C-017	Cadmium	Total		
2003-02-04	08:45:00	EST	21SC60WQ_WQX-C-017	Calcium	Total	3.6	mg/l
2003-02-04	08:45:00	EST	21SC60WQ_WQX-C-017	Organic carl	Total	4.6	mg/l
2003-02-04	08:45:00	EST	21SC60WQ_WQX-C-017	Chromium	Total		
2003-02-04	08:45:00	EST	21SC60WQ_WQX-C-017	Copper	Total		
2003-02-04	08:45:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	23	#/100ml

2003-02-04	08:45:00	EST	21SC60WQ_WQX-C-017	Fecal Colifoı	Total	20	#/100ml
2003-02-04	08:45:00	EST	21SC60WQ_WQX-C-017	Hardness, C	Total	12	mg/l
2003-02-04	08:45:00	EST	21SC60WQ_WQX-C-017	Iron	Total	0.66	mg/l
2003-02-04	08:45:00	EST	21SC60WQ_WQX-C-017	Lead	Total		
2003-02-04	08:45:00	EST	21SC60WQ_WQX-C-017	Magnesium	Total	0.81	mg/l
2003-02-04	08:45:00	EST	21SC60WQ_WQX-C-017	Manganese	Total	0.032	mg/l
2003-02-04	08:45:00	EST	21SC60WQ_WQX-C-017	Mercury	Total		
2003-02-04	08:45:00	EST	21SC60WQ_WQX-C-017	Nickel	Total		
2003-02-04	08:45:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.2	mg/l
2003-02-04	08:45:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.021	mg/l
2003-02-04	08:45:00	EST	21SC60WQ_WQX-C-017	Total suspeı	Total	10	mg/l
2003-02-04	08:45:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	8.9	NTU
2003-02-04	08:45:00	EST	21SC60WQ_WQX-C-017	Zinc	Total	0.018	mg/l
2003-02-04	08:45:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2003-02-04	08:45:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		9.78	mg/l
2003-02-04	08:45:00	EST	21SC60WQ_WQX-C-017	pH		6.41	None
2003-02-04	08:45:00	EST	21SC60WQ_WQX-C-017	Temperature, water		11.5	deg C
2003-03-05	09:00:00	EST	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	7.3	mg/l
2003-03-05	09:00:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total		
2003-03-05	09:00:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	5	#/100ml
2003-03-05	09:00:00	EST	21SC60WQ_WQX-C-017	Fecal Colifoı	Total	33	#/100ml
2003-03-05	09:00:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.59	mg/l
2003-03-05	09:00:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.082	mg/l
2003-03-05	09:00:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.19	mg/l
2003-03-05	09:00:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total		
2003-03-05	09:00:00	EST	21SC60WQ_WQX-C-017	Total suspeı	Total	9.2	mg/l
2003-03-05	09:00:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	12	NTU
2003-03-05	09:00:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	0.78	mg/l
2003-04-09	08:35:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	3.3	mg/l
2003-04-09	08:35:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	4900	#/100ml
2003-04-09	08:35:00	EST	21SC60WQ_WQX-C-017	Fecal Colifoı	Total	2800	#/100ml
2003-04-09	08:35:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.087	mg/l
2003-04-09	08:35:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.063	mg/l
2003-04-09	08:35:00	EST	21SC60WQ_WQX-C-017	Total suspeı	Total	20	mg/l
2003-04-09	08:35:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	30	NTU
2003-04-09	08:35:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2003-04-09	08:35:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		8.5	mg/l
2003-04-09	08:35:00	EST	21SC60WQ_WQX-C-017	pH		6.9	None
2003-04-09	08:35:00	EST	21SC60WQ_WQX-C-017	Temperature, water		12.7	deg C
2003-05-06	12:20:00	EST	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	8.6	mg/l
2003-05-06	12:20:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	5.5	mg/l
2003-05-06	12:20:00	EST	21SC60WQ_WQX-C-017	Cadmium	Total		
2003-05-06	12:20:00	EST	21SC60WQ_WQX-C-017	Organic carl	Total	9.2	mg/l
2003-05-06	12:20:00	EST	21SC60WQ_WQX-C-017	Chromium	Total		
2003-05-06	12:20:00	EST	21SC60WQ_WQX-C-017	Copper	Total		
2003-05-06	12:20:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total		
2003-05-06	12:20:00	EST	21SC60WQ_WQX-C-017	Fecal Colifoı	Total	2900	#/100ml
2003-05-06	12:20:00	EST	21SC60WQ_WQX-C-017	Iron	Total	1.8	mg/l
2003-05-06	12:20:00	EST	21SC60WQ_WQX-C-017	Lead	Total		
2003-05-06	12:20:00	EST	21SC60WQ_WQX-C-017	Manganese	Total	0.081	mg/l
2003-05-06	12:20:00	EST	21SC60WQ_WQX-C-017	Mercury	Total		
2003-05-06	12:20:00	EST	21SC60WQ_WQX-C-017	Nickel	Total		
2003-05-06	12:20:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.97	mg/l
2003-05-06	12:20:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.22	mg/l

2003-05-06	12:20:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.15	mg/l
2003-05-06	12:20:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.072	mg/l
2003-05-06	12:20:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	41	mg/l
2003-05-06	12:20:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	29	NTU
2003-05-06	12:20:00	EST	21SC60WQ_WQX-C-017	Zinc	Total	0.056	mg/l
2003-05-06	12:20:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	1.12	mg/l
2003-05-06	12:20:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2003-05-06	12:20:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		5.1	mg/l
2003-05-06	12:20:00	EST	21SC60WQ_WQX-C-017	pH		6.52	None
2003-05-06	12:20:00	EST	21SC60WQ_WQX-C-017	Temperature, water		22	deg C
2003-06-03	09:25:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	3.2	mg/l
2003-06-03	09:25:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	82	#/100ml
2003-06-03	09:25:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	130	#/100ml
2003-06-03	09:25:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.17	mg/l
2003-06-03	09:25:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.061	mg/l
2003-06-03	09:25:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	15	mg/l
2003-06-03	09:25:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	18	NTU
2003-06-03	09:25:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2003-06-03	09:25:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		6.46	mg/l
2003-06-03	09:25:00	EST	21SC60WQ_WQX-C-017	pH		7.13	None
2003-06-03	09:25:00	EST	21SC60WQ_WQX-C-017	Temperature, water		21.9	deg C
2003-07-08	08:45:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	11	mg/l
2003-07-08	08:45:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	3	mg/l
2003-07-08	08:45:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	770	#/100ml
2003-07-08	08:45:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	440	#/100ml
2003-07-08	08:45:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.98	mg/l
2003-07-08	08:45:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.18	mg/l
2003-07-08	08:45:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.17	mg/l
2003-07-08	08:45:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.047	mg/l
2003-07-08	08:45:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	17	mg/l
2003-07-08	08:45:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	19	NTU
2003-07-08	08:45:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	1.15	mg/l
2003-07-08	08:45:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2003-07-08	08:45:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		6.89	mg/l
2003-07-08	08:45:00	EST	21SC60WQ_WQX-C-017	pH		7.32	None
2003-07-08	08:45:00	EST	21SC60WQ_WQX-C-017	Temperature, water		26.3	deg C
2003-08-28	09:35:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	2.4	mg/l
2003-08-28	09:35:00	EST	21SC60WQ_WQX-C-017	Cadmium	Total		
2003-08-28	09:35:00	EST	21SC60WQ_WQX-C-017	Organic carl	Total	6.8	mg/l
2003-08-28	09:35:00	EST	21SC60WQ_WQX-C-017	Chromium	Total		
2003-08-28	09:35:00	EST	21SC60WQ_WQX-C-017	Copper	Total		
2003-08-28	09:35:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	650	#/100ml
2003-08-28	09:35:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	170	#/100ml
2003-08-28	09:35:00	EST	21SC60WQ_WQX-C-017	Iron	Total	1.2	mg/l
2003-08-28	09:35:00	EST	21SC60WQ_WQX-C-017	Lead	Total		
2003-08-28	09:35:00	EST	21SC60WQ_WQX-C-017	Manganese	Total	0.073	mg/l
2003-08-28	09:35:00	EST	21SC60WQ_WQX-C-017	Mercury	Total		
2003-08-28	09:35:00	EST	21SC60WQ_WQX-C-017	Nickel	Total		
2003-08-28	09:35:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.22	mg/l
2003-08-28	09:35:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.039	mg/l
2003-08-28	09:35:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	11	mg/l
2003-08-28	09:35:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	13	NTU
2003-08-28	09:35:00	EST	21SC60WQ_WQX-C-017	Zinc	Total		
2003-08-28	09:35:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m

2003-08-28	09:35:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		5.3	mg/l
2003-08-28	09:35:00	EST	21SC60WQ_WQX-C-017	pH		7.11	None
2003-08-28	09:35:00	EST	21SC60WQ_WQX-C-017	Temperature, water		27	deg C
2003-09-10	09:40:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	9.9	mg/l
2003-09-10	09:40:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	2.6	mg/l
2003-09-10	09:40:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	520	#/100ml
2003-09-10	09:40:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	600	#/100ml
2003-09-10	09:40:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.98	mg/l
2003-09-10	09:40:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.094	mg/l
2003-09-10	09:40:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.093	mg/l
2003-09-10	09:40:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.064	mg/l
2003-09-10	09:40:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	13	mg/l
2003-09-10	09:40:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	18	NTU
2003-09-10	09:40:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	1.073	mg/l
2003-09-10	09:40:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2003-09-10	09:40:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		6.13	mg/l
2003-09-10	09:40:00	EST	21SC60WQ_WQX-C-017	pH		7.07	None
2003-09-10	09:40:00	EST	21SC60WQ_WQX-C-017	Temperature, water		22.8	deg C
2003-10-28	12:00:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	2.7	mg/l
2003-10-28	12:00:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	460	#/100ml
2003-10-28	12:00:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	510	#/100ml
2003-10-28	12:00:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.11	mg/l
2003-10-28	12:00:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.038	mg/l
2003-10-28	12:00:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	9.7	mg/l
2003-10-28	12:00:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	11	NTU
2003-10-28	12:00:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2003-10-28	12:00:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		6.88	mg/l
2003-10-28	12:00:00	EST	21SC60WQ_WQX-C-017	pH		6.68	None
2003-10-28	12:00:00	EST	21SC60WQ_WQX-C-017	Temperature, water		19	deg C
2003-11-18	08:40:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	10	mg/l
2003-11-18	08:40:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	3.5	mg/l
2003-11-18	08:40:00	EST	21SC60WQ_WQX-C-017	Cadmium	Total		
2003-11-18	08:40:00	EST	21SC60WQ_WQX-C-017	Organic carl	Total	5.8	mg/l
2003-11-18	08:40:00	EST	21SC60WQ_WQX-C-017	Chromium	Total		
2003-11-18	08:40:00	EST	21SC60WQ_WQX-C-017	Copper	Total		
2003-11-18	08:40:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	23	#/100ml
2003-11-18	08:40:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	67	#/100ml
2003-11-18	08:40:00	EST	21SC60WQ_WQX-C-017	Iron	Total	1.2	mg/l
2003-11-18	08:40:00	EST	21SC60WQ_WQX-C-017	Lead	Total		
2003-11-18	08:40:00	EST	21SC60WQ_WQX-C-017	Manganese	Total	0.056	mg/l
2003-11-18	08:40:00	EST	21SC60WQ_WQX-C-017	Mercury	Total		
2003-11-18	08:40:00	EST	21SC60WQ_WQX-C-017	Nickel	Total		
2003-11-18	08:40:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	1.8	mg/l
2003-11-18	08:40:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.2	mg/l
2003-11-18	08:40:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.11	mg/l
2003-11-18	08:40:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.027	mg/l
2003-11-18	08:40:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	9.1	NTU
2003-11-18	08:40:00	EST	21SC60WQ_WQX-C-017	Zinc	Total	0.022	mg/l
2003-11-18	08:40:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	1.91	mg/l
2003-11-18	08:40:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2003-11-18	08:40:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		4.6	mg/l
2003-11-18	08:40:00	EST	21SC60WQ_WQX-C-017	pH		6.67	None
2003-11-18	08:40:00	EST	21SC60WQ_WQX-C-017	Temperature, water		16.4	deg C
2003-12-17	09:30:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	2.6	mg/l

2003-12-17	09:30:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	16	#/100ml
2003-12-17	09:30:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	86	#/100ml
2003-12-17	09:30:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.17	mg/l
2003-12-17	09:30:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total		
2003-12-17	09:30:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	7.2	mg/l
2003-12-17	09:30:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	9.8	NTU
2003-12-17	09:30:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2003-12-17	09:30:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		10	mg/l
2003-12-17	09:30:00	EST	21SC60WQ_WQX-C-017	pH		6.72	None
2003-12-17	09:30:00	EST	21SC60WQ_WQX-C-017	Temperature, water		10	deg C
2004-01-14	09:30:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	2	mg/l
2004-01-14	09:30:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	14	#/100ml
2004-01-14	09:30:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	100	#/100ml
2004-01-14	09:30:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.19	mg/l
2004-01-14	09:30:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.022	mg/l
2004-01-14	09:30:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	5.6	mg/l
2004-01-14	09:30:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	6	NTU
2004-01-14	09:30:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2004-01-14	09:30:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		10	mg/l
2004-01-14	09:30:00	EST	21SC60WQ_WQX-C-017	pH		7.4	None
2004-01-14	09:30:00	EST	21SC60WQ_WQX-C-017	Temperature, water		7	deg C
2004-02-10	09:40:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	8.2	mg/l
2004-02-10	09:40:00	EST	21SC60WQ_WQX-C-017	Cadmium	Total		
2004-02-10	09:40:00	EST	21SC60WQ_WQX-C-017	Calcium	Total	3.4	mg/l
2004-02-10	09:40:00	EST	21SC60WQ_WQX-C-017	Organic carl	Total	5.1	mg/l
2004-02-10	09:40:00	EST	21SC60WQ_WQX-C-017	Chromium	Total		
2004-02-10	09:40:00	EST	21SC60WQ_WQX-C-017	Copper	Total		
2004-02-10	09:40:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	3	#/100ml
2004-02-10	09:40:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	23	#/100ml
2004-02-10	09:40:00	EST	21SC60WQ_WQX-C-017	Hardness, C	Total	11	mg/l
2004-02-10	09:40:00	EST	21SC60WQ_WQX-C-017	Iron	Total	0.68	mg/l
2004-02-10	09:40:00	EST	21SC60WQ_WQX-C-017	Lead	Total		
2004-02-10	09:40:00	EST	21SC60WQ_WQX-C-017	Magnesium	Total	0.73	mg/l
2004-02-10	09:40:00	EST	21SC60WQ_WQX-C-017	Manganese	Total	0.04	mg/l
2004-02-10	09:40:00	EST	21SC60WQ_WQX-C-017	Mercury	Total		
2004-02-10	09:40:00	EST	21SC60WQ_WQX-C-017	Nickel	Total		
2004-02-10	09:40:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	1.3	mg/l
2004-02-10	09:40:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.18	mg/l
2004-02-10	09:40:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.23	mg/l
2004-02-10	09:40:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total		
2004-02-10	09:40:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	6.4	mg/l
2004-02-10	09:40:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	7.4	NTU
2004-02-10	09:40:00	EST	21SC60WQ_WQX-C-017	Zinc	Total	0.01	mg/l
2004-02-10	09:40:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	1.53	mg/l
2004-02-10	09:40:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2004-02-10	09:40:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		10.91	mg/l
2004-02-10	09:40:00	EST	21SC60WQ_WQX-C-017	pH		6.67	None
2004-02-10	09:40:00	EST	21SC60WQ_WQX-C-017	Temperature, water		7.6	deg C
2004-03-30	09:20:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	2.4	mg/l
2004-03-30	09:20:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	14	#/100ml
2004-03-30	09:20:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	37	#/100ml
2004-03-30	09:20:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.12	mg/l
2004-03-30	09:20:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.043	mg/l
2004-03-30	09:20:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	6.9	mg/l

2004-03-30	09:20:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	12	NTU
2004-03-30	09:20:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2004-03-30	09:20:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		7.24	mg/l
2004-03-30	09:20:00	EST	21SC60WQ_WQX-C-017	pH		7.17	None
2004-03-30	09:20:00	EST	21SC60WQ_WQX-C-017	Temperature, water		16.3	deg C
2004-04-27	09:10:00	EST	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	11	mg/l
2004-04-27	09:10:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	5.2	mg/l
2004-04-27	09:10:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	920	#/100ml
2004-04-27	09:10:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total		
2004-04-27	09:10:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	1.3	mg/l
2004-04-27	09:10:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.39	mg/l
2004-04-27	09:10:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.23	mg/l
2004-04-27	09:10:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.098	mg/l
2004-04-27	09:10:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	14	mg/l
2004-04-27	09:10:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	11	NTU
2004-04-27	09:10:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	1.53	mg/l
2004-04-27	09:10:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2004-04-27	09:10:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		5.6	mg/l
2004-04-27	09:10:00	EST	21SC60WQ_WQX-C-017	pH		6.65	None
2004-04-27	09:10:00	EST	21SC60WQ_WQX-C-017	Temperature, water		19.5	deg C
2004-05-26	09:40:00	EST	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	12	mg/l
2004-05-26	09:40:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	2.2	mg/l
2004-05-26	09:40:00	EST	21SC60WQ_WQX-C-017	Cadmium	Total		
2004-05-26	09:40:00	EST	21SC60WQ_WQX-C-017	Organic carl	Total	6.8	mg/l
2004-05-26	09:40:00	EST	21SC60WQ_WQX-C-017	Chromium	Total		
2004-05-26	09:40:00	EST	21SC60WQ_WQX-C-017	Copper	Total		
2004-05-26	09:40:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	68	#/100ml
2004-05-26	09:40:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	90	#/100ml
2004-05-26	09:40:00	EST	21SC60WQ_WQX-C-017	Iron	Total	1.4	mg/l
2004-05-26	09:40:00	EST	21SC60WQ_WQX-C-017	Lead	Total		
2004-05-26	09:40:00	EST	21SC60WQ_WQX-C-017	Manganese	Total	0.12	mg/l
2004-05-26	09:40:00	EST	21SC60WQ_WQX-C-017	Mercury	Total		
2004-05-26	09:40:00	EST	21SC60WQ_WQX-C-017	Nickel	Total		
2004-05-26	09:40:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	1.3	mg/l
2004-05-26	09:40:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.41	mg/l
2004-05-26	09:40:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.26	mg/l
2004-05-26	09:40:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.068	mg/l
2004-05-26	09:40:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	5.5	mg/l
2004-05-26	09:40:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	8.9	NTU
2004-05-26	09:40:00	EST	21SC60WQ_WQX-C-017	Zinc	Total	0.013	mg/l
2004-05-26	09:40:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	1.56	mg/l
2004-05-26	09:40:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2004-05-26	09:40:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		5.8	mg/l
2004-05-26	09:40:00	EST	21SC60WQ_WQX-C-017	pH		6.51	None
2004-05-26	09:40:00	EST	21SC60WQ_WQX-C-017	Temperature, water		25.4	deg C
2004-06-08	09:15:00	EST	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	12	mg/l
2004-06-08	09:15:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	2.5	mg/l
2004-06-08	09:15:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	200	#/100ml
2004-06-08	09:15:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	260	#/100ml
2004-06-08	09:15:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	1.1	mg/l
2004-06-08	09:15:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.28	mg/l
2004-06-08	09:15:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.24	mg/l
2004-06-08	09:15:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.086	mg/l
2004-06-08	09:15:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	7.7	mg/l

2004-06-08	09:15:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	11	NTU
2004-06-08	09:15:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	1.34	mg/l
2004-06-08	09:15:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2004-06-08	09:15:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		5.99	mg/l
2004-06-08	09:15:00	EST	21SC60WQ_WQX-C-017	pH		6.48	None
2004-06-08	09:15:00	EST	21SC60WQ_WQX-C-017	Temperature, water		25.2	deg C
2004-07-21	09:40:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	13	mg/l
2004-07-21	09:40:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	2.2	mg/l
2004-07-21	09:40:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	210	#/100ml
2004-07-21	09:40:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	160	#/100ml
2004-07-21	09:40:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.91	mg/l
2004-07-21	09:40:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.34	mg/l
2004-07-21	09:40:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.27	mg/l
2004-07-21	09:40:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.061	mg/l
2004-07-21	09:40:00	EST	21SC60WQ_WQX-C-017	Total suspen	Total	5.8	mg/l
2004-07-21	09:40:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	8.4	NTU
2004-07-21	09:40:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	1.18	mg/l
2004-07-21	09:40:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2004-07-21	09:40:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		5.5	mg/l
2004-07-21	09:40:00	EST	21SC60WQ_WQX-C-017	pH		6.6	None
2004-07-21	09:40:00	EST	21SC60WQ_WQX-C-017	Temperature, water		26.3	deg C
2004-08-03	12:45:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	12	mg/l
2004-08-03	12:45:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	2.5	mg/l
2004-08-03	12:45:00	EST	21SC60WQ_WQX-C-017	Cadmium	Total		
2004-08-03	12:45:00	EST	21SC60WQ_WQX-C-017	Organic carb	Total	7.2	mg/l
2004-08-03	12:45:00	EST	21SC60WQ_WQX-C-017	Chromium	Total		
2004-08-03	12:45:00	EST	21SC60WQ_WQX-C-017	Copper	Total		
2004-08-03	12:45:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	110	#/100ml
2004-08-03	12:45:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	220	#/100ml
2004-08-03	12:45:00	EST	21SC60WQ_WQX-C-017	Iron	Total	1	mg/l
2004-08-03	12:45:00	EST	21SC60WQ_WQX-C-017	Lead	Total		
2004-08-03	12:45:00	EST	21SC60WQ_WQX-C-017	Manganese	Total	0.08	mg/l
2004-08-03	12:45:00	EST	21SC60WQ_WQX-C-017	Mercury	Total		
2004-08-03	12:45:00	EST	21SC60WQ_WQX-C-017	Nickel	Total		
2004-08-03	12:45:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	1.1	mg/l
2004-08-03	12:45:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.33	mg/l
2004-08-03	12:45:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.2	mg/l
2004-08-03	12:45:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.061	mg/l
2004-08-03	12:45:00	EST	21SC60WQ_WQX-C-017	Total suspen	Total	8.5	mg/l
2004-08-03	12:45:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	10	NTU
2004-08-03	12:45:00	EST	21SC60WQ_WQX-C-017	Zinc	Total	0.038	mg/l
2004-08-03	12:45:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	1.3	mg/l
2004-08-03	12:45:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2004-08-03	12:45:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		5.41	mg/l
2004-08-03	12:45:00	EST	21SC60WQ_WQX-C-017	pH		6.42	None
2004-08-03	12:45:00	EST	21SC60WQ_WQX-C-017	Temperature, water		28	deg C
2004-09-29	10:30:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	5.9	mg/l
2004-09-29	10:30:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	2.5	mg/l
2004-09-29	10:30:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	520	#/100ml
2004-09-29	10:30:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	1000	#/100ml
2004-09-29	10:30:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.6	mg/l
2004-09-29	10:30:00	EST	21SC60WQ_WQX-C-017	Ammonia			
2004-09-29	10:30:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.056	mg/l
2004-09-29	10:30:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.061	mg/l

2004-09-29	10:30:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	12	mg/l
2004-09-29	10:30:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	29	NTU
2004-09-29	10:30:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	0.656	mg/l
2004-09-29	10:30:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2004-09-29	10:30:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		6.07	mg/l
2004-09-29	10:30:00	EST	21SC60WQ_WQX-C-017	pH		6.31	None
2004-09-29	10:30:00	EST	21SC60WQ_WQX-C-017	Temperature, water		23.5	deg C
2004-10-27	09:55:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	16	mg/l
2004-10-27	09:55:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	2.2	mg/l
2004-10-27	09:55:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	58	#/100ml
2004-10-27	09:55:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	760	#/100ml
2004-10-27	09:55:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.85	mg/l
2004-10-27	09:55:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.3	mg/l
2004-10-27	09:55:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.14	mg/l
2004-10-27	09:55:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.052	mg/l
2004-10-27	09:55:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	7.2	mg/l
2004-10-27	09:55:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	11	NTU
2004-10-27	09:55:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	0.99	mg/l
2004-10-27	09:55:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2004-10-27	09:55:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		7.56	mg/l
2004-10-27	09:55:00	EST	21SC60WQ_WQX-C-017	pH		6.88	None
2004-10-27	09:55:00	EST	21SC60WQ_WQX-C-017	Temperature, water		18.4	deg C
2004-11-02	11:20:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	11	mg/l
2004-11-02	11:20:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	3.1	mg/l
2004-11-02	11:20:00	EST	21SC60WQ_WQX-C-017	Cadmium	Total		
2004-11-02	11:20:00	EST	21SC60WQ_WQX-C-017	Organic carl	Total	11	mg/l
2004-11-02	11:20:00	EST	21SC60WQ_WQX-C-017	Chromium	Total		
2004-11-02	11:20:00	EST	21SC60WQ_WQX-C-017	Copper	Total		
2004-11-02	11:20:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	38	#/100ml
2004-11-02	11:20:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	250	#/100ml
2004-11-02	11:20:00	EST	21SC60WQ_WQX-C-017	Iron	Total	0.88	mg/l
2004-11-02	11:20:00	EST	21SC60WQ_WQX-C-017	Lead	Total		
2004-11-02	11:20:00	EST	21SC60WQ_WQX-C-017	Manganese	Total	0.058	mg/l
2004-11-02	11:20:00	EST	21SC60WQ_WQX-C-017	Mercury	Total		
2004-11-02	11:20:00	EST	21SC60WQ_WQX-C-017	Nickel	Total		
2004-11-02	11:20:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	1.1	mg/l
2004-11-02	11:20:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.21	mg/l
2004-11-02	11:20:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.079	mg/l
2004-11-02	11:20:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.059	mg/l
2004-11-02	11:20:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	6.6	mg/l
2004-11-02	11:20:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	8.6	NTU
2004-11-02	11:20:00	EST	21SC60WQ_WQX-C-017	Zinc	Total	0.028	mg/l
2004-11-02	11:20:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	1.179	mg/l
2004-11-02	11:20:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2004-11-02	11:20:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		6.89	mg/l
2004-11-02	11:20:00	EST	21SC60WQ_WQX-C-017	pH		6.75	None
2004-11-02	11:20:00	EST	21SC60WQ_WQX-C-017	Temperature, water		22	deg C
2004-12-14	11:00:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	9.1	mg/l
2004-12-14	11:00:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total		
2004-12-14	11:00:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	45	#/100ml
2004-12-14	11:00:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	120	#/100ml
2004-12-14	11:00:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.56	mg/l
2004-12-14	11:00:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.16	mg/l
2004-12-14	11:00:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.13	mg/l

2004-12-14	11:00:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.036	mg/l
2004-12-14	11:00:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	4.8	mg/l
2004-12-14	11:00:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	7.4	NTU
2004-12-14	11:00:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	0.69	mg/l
2004-12-14	11:00:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2004-12-14	11:00:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		9.95	mg/l
2004-12-14	11:00:00	EST	21SC60WQ_WQX-C-017	pH		6.76	None
2004-12-14	11:00:00	EST	21SC60WQ_WQX-C-017	Temperature, water		8.5	deg C
2005-01-18	12:05:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	7	mg/l
2005-01-18	12:05:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	2.5	mg/l
2005-01-18	12:05:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	60	#/100ml
2005-01-18	12:05:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	1600	#/100ml
2005-01-18	12:05:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.78	mg/l
2005-01-18	12:05:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.19	mg/l
2005-01-18	12:05:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.13	mg/l
2005-01-18	12:05:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.042	mg/l
2005-01-18	12:05:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	10	mg/l
2005-01-18	12:05:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	13	NTU
2005-01-18	12:05:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	0.91	mg/l
2005-01-18	12:05:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2005-01-18	12:05:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		10.6	mg/l
2005-01-18	12:05:00	EST	21SC60WQ_WQX-C-017	pH		7.41	None
2005-01-18	12:05:00	EST	21SC60WQ_WQX-C-017	Temperature, water		6.5	deg C
2005-02-08	12:50:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	8.2	mg/l
2005-02-08	12:50:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	2.5	mg/l
2005-02-08	12:50:00	EST	21SC60WQ_WQX-C-017	Cadmium	Total		
2005-02-08	12:50:00	EST	21SC60WQ_WQX-C-017	Calcium	Total	3.3	mg/l
2005-02-08	12:50:00	EST	21SC60WQ_WQX-C-017	Organic carl	Total	4.6	mg/l
2005-02-08	12:50:00	EST	21SC60WQ_WQX-C-017	Chromium	Total		
2005-02-08	12:50:00	EST	21SC60WQ_WQX-C-017	Copper	Total		
2005-02-08	12:50:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	4	#/100ml
2005-02-08	12:50:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total		
2005-02-08	12:50:00	EST	21SC60WQ_WQX-C-017	Hardness, C	Total	11	mg/l
2005-02-08	12:50:00	EST	21SC60WQ_WQX-C-017	Iron	Total	0.71	mg/l
2005-02-08	12:50:00	EST	21SC60WQ_WQX-C-017	Lead	Total		
2005-02-08	12:50:00	EST	21SC60WQ_WQX-C-017	Magnesium	Total	0.79	mg/l
2005-02-08	12:50:00	EST	21SC60WQ_WQX-C-017	Manganese	Total	0.023	mg/l
2005-02-08	12:50:00	EST	21SC60WQ_WQX-C-017	Mercury	Total		
2005-02-08	12:50:00	EST	21SC60WQ_WQX-C-017	Nickel	Total		
2005-02-08	12:50:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.67	mg/l
2005-02-08	12:50:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.16	mg/l
2005-02-08	12:50:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.21	mg/l
2005-02-08	12:50:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.044	mg/l
2005-02-08	12:50:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	7.4	mg/l
2005-02-08	12:50:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	9	NTU
2005-02-08	12:50:00	EST	21SC60WQ_WQX-C-017	Zinc	Total	0.015	mg/l
2005-02-08	12:50:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	0.88	mg/l
2005-02-08	12:50:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2005-02-08	12:50:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		10.48	mg/l
2005-02-08	12:50:00	EST	21SC60WQ_WQX-C-017	pH		6.69	None
2005-02-08	12:50:00	EST	21SC60WQ_WQX-C-017	Temperature, water		12.4	deg C
2005-03-02	08:55:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	8.9	mg/l
2005-03-02	08:55:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	2.1	mg/l
2005-03-02	08:55:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	53	#/100ml

2005-03-02	08:55:00	EST	21SC60WQ_WQX-C-017	Fecal Colifoı	Total	100	#/100ml
2005-03-02	08:55:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.55	mg/l
2005-03-02	08:55:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.44	mg/l
2005-03-02	08:55:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.17	mg/l
2005-03-02	08:55:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.038	mg/l
2005-03-02	08:55:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	11	mg/l
2005-03-02	08:55:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	19	NTU
2005-03-02	08:55:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	0.72	mg/l
2005-03-02	08:55:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2005-03-02	08:55:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		10.68	mg/l
2005-03-02	08:55:00	EST	21SC60WQ_WQX-C-017	pH		6.78	None
2005-03-02	08:55:00	EST	21SC60WQ_WQX-C-017	Temperature, water		6	deg C
2005-04-13	10:45:00	EST	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	10	mg/l
2005-04-13	10:45:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	2.2	mg/l
2005-04-13	10:45:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	230	#/100ml
2005-04-13	10:45:00	EST	21SC60WQ_WQX-C-017	Fecal Colifoı	Total	520	#/100ml
2005-04-13	10:45:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.48	mg/l
2005-04-13	10:45:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.15	mg/l
2005-04-13	10:45:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.12	mg/l
2005-04-13	10:45:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.057	mg/l
2005-04-13	10:45:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	14	mg/l
2005-04-13	10:45:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	18	NTU
2005-04-13	10:45:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	0.6	mg/l
2005-04-13	10:45:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2005-04-13	10:45:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		7.12	mg/l
2005-04-13	10:45:00	EST	21SC60WQ_WQX-C-017	pH		6.45	None
2005-04-13	10:45:00	EST	21SC60WQ_WQX-C-017	Temperature, water		17.5	deg C
2005-05-18	09:15:00	EST	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	12	mg/l
2005-05-18	09:15:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total		
2005-05-18	09:15:00	EST	21SC60WQ_WQX-C-017	Cadmium	Total		
2005-05-18	09:15:00	EST	21SC60WQ_WQX-C-017	Organic carł	Total	6.9	mg/l
2005-05-18	09:15:00	EST	21SC60WQ_WQX-C-017	Chromium	Total		
2005-05-18	09:15:00	EST	21SC60WQ_WQX-C-017	Copper	Total		
2005-05-18	09:15:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	45	#/100ml
2005-05-18	09:15:00	EST	21SC60WQ_WQX-C-017	Fecal Colifoı	Total	91	#/100ml
2005-05-18	09:15:00	EST	21SC60WQ_WQX-C-017	Iron	Total	1.3	mg/l
2005-05-18	09:15:00	EST	21SC60WQ_WQX-C-017	Lead	Total		
2005-05-18	09:15:00	EST	21SC60WQ_WQX-C-017	Manganese	Total	0.08	mg/l
2005-05-18	09:15:00	EST	21SC60WQ_WQX-C-017	Mercury	Total		
2005-05-18	09:15:00	EST	21SC60WQ_WQX-C-017	Nickel	Total		
2005-05-18	09:15:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	1.1	mg/l
2005-05-18	09:15:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.33	mg/l
2005-05-18	09:15:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.25	mg/l
2005-05-18	09:15:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.064	mg/l
2005-05-18	09:15:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	9.9	mg/l
2005-05-18	09:15:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	7.8	NTU
2005-05-18	09:15:00	EST	21SC60WQ_WQX-C-017	Zinc	Total	0.026	mg/l
2005-05-18	09:15:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	1.35	mg/l
2005-05-18	09:15:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2005-05-18	09:15:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		6.03	mg/l
2005-05-18	09:15:00	EST	21SC60WQ_WQX-C-017	pH		6.36	None
2005-05-18	09:15:00	EST	21SC60WQ_WQX-C-017	Temperature, water		21.8	deg C
2005-06-22	11:25:00	EST	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	14	mg/l
2005-06-22	11:25:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total		

2005-06-22	11:25:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	440	#/100ml
2005-06-22	11:25:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	240	#/100ml
2005-06-22	11:25:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.96	mg/l
2005-06-22	11:25:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.31	mg/l
2005-06-22	11:25:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.24	mg/l
2005-06-22	11:25:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.05	mg/l
2005-06-22	11:25:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	8.4	mg/l
2005-06-22	11:25:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	8.8	NTU
2005-06-22	11:25:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	1.2	mg/l
2005-06-22	11:25:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2005-06-22	11:25:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		6.91	mg/l
2005-06-22	11:25:00	EST	21SC60WQ_WQX-C-017	pH		6.45	None
2005-06-22	11:25:00	EST	21SC60WQ_WQX-C-017	Temperature, water		24.7	deg C
2005-07-19	10:00:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	12	mg/l
2005-07-19	10:00:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	2.2	mg/l
2005-07-19	10:00:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	400	#/100ml
2005-07-19	10:00:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	940	#/100ml
2005-07-19	10:00:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.85	mg/l
2005-07-19	10:00:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.2	mg/l
2005-07-19	10:00:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.1	mg/l
2005-07-19	10:00:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.092	mg/l
2005-07-19	10:00:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	5.5	mg/l
2005-07-19	10:00:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	15	NTU
2005-07-19	10:00:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	0.95	mg/l
2005-07-19	10:00:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2005-07-19	10:00:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		7.13	mg/l
2005-07-19	10:00:00	EST	21SC60WQ_WQX-C-017	pH		6.38	None
2005-07-19	10:00:00	EST	21SC60WQ_WQX-C-017	Temperature, water		26.9	deg C
2005-08-24	09:15:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	11	mg/l
2005-08-24	09:15:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total		
2005-08-24	09:15:00	EST	21SC60WQ_WQX-C-017	Cadmium	Total		
2005-08-24	09:15:00	EST	21SC60WQ_WQX-C-017	Organic carl	Total	7.8	mg/l
2005-08-24	09:15:00	EST	21SC60WQ_WQX-C-017	Chromium	Total		
2005-08-24	09:15:00	EST	21SC60WQ_WQX-C-017	Copper	Total		
2005-08-24	09:15:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	870	#/100ml
2005-08-24	09:15:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	1000	#/100ml
2005-08-24	09:15:00	EST	21SC60WQ_WQX-C-017	Iron	Total	1.2	mg/l
2005-08-24	09:15:00	EST	21SC60WQ_WQX-C-017	Lead	Total		
2005-08-24	09:15:00	EST	21SC60WQ_WQX-C-017	Manganese	Total	0.066	mg/l
2005-08-24	09:15:00	EST	21SC60WQ_WQX-C-017	Mercury	Total		
2005-08-24	09:15:00	EST	21SC60WQ_WQX-C-017	Nickel	Total		
2005-08-24	09:15:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.68	mg/l
2005-08-24	09:15:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.33	mg/l
2005-08-24	09:15:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.23	mg/l
2005-08-24	09:15:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.076	mg/l
2005-08-24	09:15:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	7.8	mg/l
2005-08-24	09:15:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	13	NTU
2005-08-24	09:15:00	EST	21SC60WQ_WQX-C-017	Zinc	Total	0.015	mg/l
2005-08-24	09:15:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	0.91	mg/l
2005-08-24	09:15:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2005-08-24	09:15:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		6.6	mg/l
2005-08-24	09:15:00	EST	21SC60WQ_WQX-C-017	pH		6.44	None
2005-08-24	09:15:00	EST	21SC60WQ_WQX-C-017	Temperature, water		26.3	deg C
2005-09-14	09:10:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	18	mg/l

2005-09-14	09:10:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total		
2005-09-14	09:10:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	190	#/100ml
2005-09-14	09:10:00	EST	21SC60WQ_WQX-C-017	Fecal Colifo	Total	57	#/100ml
2005-09-14	09:10:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.71	mg/l
2005-09-14	09:10:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.39	mg/l
2005-09-14	09:10:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.3	mg/l
2005-09-14	09:10:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.044	mg/l
2005-09-14	09:10:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	5.8	mg/l
2005-09-14	09:10:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	5.5	NTU
2005-09-14	09:10:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	1.01	mg/l
2005-09-14	09:10:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2005-09-14	09:10:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		5.45	mg/l
2005-09-14	09:10:00	EST	21SC60WQ_WQX-C-017	pH		6.35	None
2005-09-14	09:10:00	EST	21SC60WQ_WQX-C-017	Temperature, water		24	deg C
2005-10-11	09:00:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	11	mg/l
2005-10-11	09:00:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	2.7	mg/l
2005-10-11	09:00:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	1200	#/100ml
2005-10-11	09:00:00	EST	21SC60WQ_WQX-C-017	Fecal Colifo	Total	2200	#/100ml
2005-10-11	09:00:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	1.2	mg/l
2005-10-11	09:00:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.62	mg/l
2005-10-11	09:00:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.14	mg/l
2005-10-11	09:00:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.11	mg/l
2005-10-11	09:00:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	12	mg/l
2005-10-11	09:00:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	13	NTU
2005-10-11	09:00:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	1.34	mg/l
2005-10-11	09:00:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2005-10-11	09:00:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		5.85	mg/l
2005-10-11	09:00:00	EST	21SC60WQ_WQX-C-017	pH		6.27	None
2005-10-11	09:00:00	EST	21SC60WQ_WQX-C-017	Temperature, water		21	deg C
2005-11-07	09:30:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	14	mg/l
2005-11-07	09:30:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total		
2005-11-07	09:30:00	EST	21SC60WQ_WQX-C-017	Cadmium	Total		
2005-11-07	09:30:00	EST	21SC60WQ_WQX-C-017	Organic carl	Total	7.8	mg/l
2005-11-07	09:30:00	EST	21SC60WQ_WQX-C-017	Chromium	Total		
2005-11-07	09:30:00	EST	21SC60WQ_WQX-C-017	Copper	Total		
2005-11-07	09:30:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	70	#/100ml
2005-11-07	09:30:00	EST	21SC60WQ_WQX-C-017	Fecal Colifo	Total	200	#/100ml
2005-11-07	09:30:00	EST	21SC60WQ_WQX-C-017	Iron	Total	1.1	mg/l
2005-11-07	09:30:00	EST	21SC60WQ_WQX-C-017	Lead	Total		
2005-11-07	09:30:00	EST	21SC60WQ_WQX-C-017	Manganese	Total	0.096	mg/l
2005-11-07	09:30:00	EST	21SC60WQ_WQX-C-017	Mercury	Total		
2005-11-07	09:30:00	EST	21SC60WQ_WQX-C-017	Nickel	Total		
2005-11-07	09:30:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.63	mg/l
2005-11-07	09:30:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.5	mg/l
2005-11-07	09:30:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.19	mg/l
2005-11-07	09:30:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.042	mg/l
2005-11-07	09:30:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	4.8	mg/l
2005-11-07	09:30:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	6.3	NTU
2005-11-07	09:30:00	EST	21SC60WQ_WQX-C-017	Zinc	Total	0.018	mg/l
2005-11-07	09:30:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	0.82	mg/l
2005-11-07	09:30:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2005-11-07	09:30:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		5.9	mg/l
2005-11-07	09:30:00	EST	21SC60WQ_WQX-C-017	pH		6.2	None
2005-11-07	09:30:00	EST	21SC60WQ_WQX-C-017	Temperature, water		17.1	deg C

2005-12-12	10:12:00	EST	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	8.6	mg/l
2005-12-12	10:12:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	2.4	mg/l
2005-12-12	10:12:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	24	#/100ml
2005-12-12	10:12:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	130	#/100ml
2005-12-12	10:12:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.72	mg/l
2005-12-12	10:12:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.25	mg/l
2005-12-12	10:12:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.11	mg/l
2005-12-12	10:12:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.04	mg/l
2005-12-12	10:12:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	6.6	mg/l
2005-12-12	10:12:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	9.1	NTU
2005-12-12	10:12:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	0.83	mg/l
2005-12-12	10:12:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2005-12-12	10:12:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		4	mg/l
2005-12-12	10:12:00	EST	21SC60WQ_WQX-C-017	pH		6.11	None
2005-12-12	10:12:00	EST	21SC60WQ_WQX-C-017	Temperature, water		8	deg C
2006-01-30	09:10:00	EST	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	9.3	mg/l
2006-01-30	09:10:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total		
2006-01-30	09:10:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	3	#/100ml
2006-01-30	09:10:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	25	#/100ml
2006-01-30	09:10:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.72	mg/l
2006-01-30	09:10:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.4	mg/l
2006-01-30	09:10:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.19	mg/l
2006-01-30	09:10:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.03	mg/l
2006-01-30	09:10:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	7.4	mg/l
2006-01-30	09:10:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	9.2	NTU
2006-01-30	09:10:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	0.91	mg/l
2006-01-30	09:10:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2006-01-30	09:10:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		7.94	mg/l
2006-01-30	09:10:00	EST	21SC60WQ_WQX-C-017	pH		6.65	None
2006-01-30	09:10:00	EST	21SC60WQ_WQX-C-017	Temperature, water		12.7	deg C
2006-02-15	12:50:00	EST	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	7.4	mg/l
2006-02-15	12:50:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total		
2006-02-15	12:50:00	EST	21SC60WQ_WQX-C-017	Cadmium	Total		
2006-02-15	12:50:00	EST	21SC60WQ_WQX-C-017	Calcium	Total	3.5	mg/l
2006-02-15	12:50:00	EST	21SC60WQ_WQX-C-017	Organic carl	Total	4	mg/l
2006-02-15	12:50:00	EST	21SC60WQ_WQX-C-017	Chromium	Total		
2006-02-15	12:50:00	EST	21SC60WQ_WQX-C-017	Copper	Total		
2006-02-15	12:50:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	16	#/100ml
2006-02-15	12:50:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	53	#/100ml
2006-02-15	12:50:00	EST	21SC60WQ_WQX-C-017	Hardness, C	Total	12	mg/l
2006-02-15	12:50:00	EST	21SC60WQ_WQX-C-017	Iron	Total	0.92	mg/l
2006-02-15	12:50:00	EST	21SC60WQ_WQX-C-017	Lead	Total		
2006-02-15	12:50:00	EST	21SC60WQ_WQX-C-017	Magnesium	Total	0.76	mg/l
2006-02-15	12:50:00	EST	21SC60WQ_WQX-C-017	Manganese	Total	0.032	mg/l
2006-02-15	12:50:00	EST	21SC60WQ_WQX-C-017	Mercury	Total		
2006-02-15	12:50:00	EST	21SC60WQ_WQX-C-017	Nickel	Total		
2006-02-15	12:50:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.52	mg/l
2006-02-15	12:50:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.43	mg/l
2006-02-15	12:50:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.17	mg/l
2006-02-15	12:50:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total		
2006-02-15	12:50:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	4.3	mg/l
2006-02-15	12:50:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	12	NTU
2006-02-15	12:50:00	EST	21SC60WQ_WQX-C-017	Zinc	Total	0.02	mg/l
2006-02-15	12:50:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	0.69	mg/l

2006-02-15	12:50:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2006-02-15	12:50:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		9.3	mg/l
2006-02-15	12:50:00	EST	21SC60WQ_WQX-C-017	pH		6.5	None
2006-02-15	12:50:00	EST	21SC60WQ_WQX-C-017	Temperature, water		11.1	deg C
2006-03-06	13:00:00	EST	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	8.4	mg/l
2006-03-06	13:00:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	2.2	mg/l
2006-03-06	13:00:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	33	#/100ml
2006-03-06	13:00:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	100	#/100ml
2006-03-06	13:00:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.48	mg/l
2006-03-06	13:00:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.28	mg/l
2006-03-06	13:00:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.2	mg/l
2006-03-06	13:00:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total		
2006-03-06	13:00:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	8.8	mg/l
2006-03-06	13:00:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	16	NTU
2006-03-06	13:00:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	0.68	mg/l
2006-03-06	13:00:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2006-03-06	13:00:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		8.32	mg/l
2006-03-06	13:00:00	EST	21SC60WQ_WQX-C-017	pH		6.33	None
2006-03-06	13:00:00	EST	21SC60WQ_WQX-C-017	Temperature, water		14.9	deg C
2006-04-18	10:10:00	EST	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	16	mg/l
2006-04-18	10:10:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	2	mg/l
2006-04-18	10:10:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	180	#/100ml
2006-04-18	10:10:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	110	#/100ml
2006-04-18	10:10:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	1	mg/l
2006-04-18	10:10:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.32	mg/l
2006-04-18	10:10:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.18	mg/l
2006-04-18	10:10:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.047	mg/l
2006-04-18	10:10:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	2.8	mg/l
2006-04-18	10:10:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	6.3	NTU
2006-04-18	10:10:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	1.18	mg/l
2006-04-18	10:10:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2006-04-18	10:10:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		4.29	mg/l
2006-04-18	10:10:00	EST	21SC60WQ_WQX-C-017	pH		6.21	None
2006-04-18	10:10:00	EST	21SC60WQ_WQX-C-017	Temperature, water		21.4	deg C
2006-05-16	09:05:00	EST	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	12	mg/l
2006-05-16	09:05:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total		
2006-05-16	09:05:00	EST	21SC60WQ_WQX-C-017	Cadmium	Total		
2006-05-16	09:05:00	EST	21SC60WQ_WQX-C-017	Organic carl	Total	8.5	mg/l
2006-05-16	09:05:00	EST	21SC60WQ_WQX-C-017	Chromium	Total		
2006-05-16	09:05:00	EST	21SC60WQ_WQX-C-017	Copper	Total		
2006-05-16	09:05:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	160	#/100ml
2006-05-16	09:05:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	100	#/100ml
2006-05-16	09:05:00	EST	21SC60WQ_WQX-C-017	Iron	Total	1.4	mg/l
2006-05-16	09:05:00	EST	21SC60WQ_WQX-C-017	Lead	Total		
2006-05-16	09:05:00	EST	21SC60WQ_WQX-C-017	Manganese	Total	0.11	mg/l
2006-05-16	09:05:00	EST	21SC60WQ_WQX-C-017	Mercury	Total		
2006-05-16	09:05:00	EST	21SC60WQ_WQX-C-017	Nickel	Total		
2006-05-16	09:05:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.89	mg/l
2006-05-16	09:05:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.27	mg/l
2006-05-16	09:05:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.25	mg/l
2006-05-16	09:05:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.057	mg/l
2006-05-16	09:05:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	5.8	mg/l
2006-05-16	09:05:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	8.2	NTU
2006-05-16	09:05:00	EST	21SC60WQ_WQX-C-017	Zinc	Total		

2006-05-16	09:05:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	1.14	mg/l
2006-05-16	09:05:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2006-05-16	09:05:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		5.5	mg/l
2006-05-16	09:05:00	EST	21SC60WQ_WQX-C-017	pH		6.53	None
2006-05-16	09:05:00	EST	21SC60WQ_WQX-C-017	Temperature, water		18.7	deg C
2006-06-05	09:45:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	12	mg/l
2006-06-05	09:45:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	2.2	mg/l
2006-06-05	09:45:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	210	#/100ml
2006-06-05	09:45:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	200	#/100ml
2006-06-05	09:45:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.16	mg/l
2006-06-05	09:45:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.11	mg/l
2006-06-05	09:45:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.066	mg/l
2006-06-05	09:45:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	2	mg/l
2006-06-05	09:45:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	7.1	NTU
2006-06-05	09:45:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	0.27	mg/l
2006-06-05	09:45:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2006-06-05	09:45:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		4.75	mg/l
2006-06-05	09:45:00	EST	21SC60WQ_WQX-C-017	pH		6.49	None
2006-06-05	09:45:00	EST	21SC60WQ_WQX-C-017	Temperature, water		23.1	deg C
2006-07-25	09:50:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	10	mg/l
2006-07-25	09:50:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total		
2006-07-25	09:50:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	160	#/100ml
2006-07-25	09:50:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	3600	#/100ml
2006-07-25	09:50:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.52	mg/l
2006-07-25	09:50:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.19	mg/l
2006-07-25	09:50:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.12	mg/l
2006-07-25	09:50:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.075	mg/l
2006-07-25	09:50:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	12	mg/l
2006-07-25	09:50:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	8	NTU
2006-07-25	09:50:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	0.64	mg/l
2006-07-25	09:50:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2006-07-25	09:50:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		5.64	mg/l
2006-07-25	09:50:00	EST	21SC60WQ_WQX-C-017	pH		6.35	None
2006-07-25	09:50:00	EST	21SC60WQ_WQX-C-017	Temperature, water		24.9	deg C
2006-08-09	09:25:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	10	mg/l
2006-08-09	09:25:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	3.3	mg/l
2006-08-09	09:25:00	EST	21SC60WQ_WQX-C-017	Cadmium	Total		
2006-08-09	09:25:00	EST	21SC60WQ_WQX-C-017	Organic carl	Total	10	mg/l
2006-08-09	09:25:00	EST	21SC60WQ_WQX-C-017	Chromium	Total		
2006-08-09	09:25:00	EST	21SC60WQ_WQX-C-017	Copper	Total		
2006-08-09	09:25:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	650	#/100ml
2006-08-09	09:25:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total		
2006-08-09	09:25:00	EST	21SC60WQ_WQX-C-017	Iron	Total	1.2	mg/l
2006-08-09	09:25:00	EST	21SC60WQ_WQX-C-017	Lead	Total		
2006-08-09	09:25:00	EST	21SC60WQ_WQX-C-017	Manganese	Total	0.082	mg/l
2006-08-09	09:25:00	EST	21SC60WQ_WQX-C-017	Mercury	Total		
2006-08-09	09:25:00	EST	21SC60WQ_WQX-C-017	Nickel	Total		
2006-08-09	09:25:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.82	mg/l
2006-08-09	09:25:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.12	mg/l
2006-08-09	09:25:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.14	mg/l
2006-08-09	09:25:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.12	mg/l
2006-08-09	09:25:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	15	mg/l
2006-08-09	09:25:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	9.6	NTU
2006-08-09	09:25:00	EST	21SC60WQ_WQX-C-017	Zinc	Total	0.021	mg/l

2006-08-09	09:25:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	0.96	mg/l
2006-08-09	09:25:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2006-08-09	09:25:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		4.78	mg/l
2006-08-09	09:25:00	EST	21SC60WQ_WQX-C-017	pH		6.18	None
2006-08-09	09:25:00	EST	21SC60WQ_WQX-C-017	Temperature, water		27.4	deg C
2006-09-13	08:45:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	15	mg/l
2006-09-13	08:45:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total		
2006-09-13	08:45:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	14	#/100ml
2006-09-13	08:45:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	140	#/100ml
2006-09-13	08:45:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.66	mg/l
2006-09-13	08:45:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.35	mg/l
2006-09-13	08:45:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.34	mg/l
2006-09-13	08:45:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.043	mg/l
2006-09-13	08:45:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	5.5	mg/l
2006-09-13	08:45:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	8.5	NTU
2006-09-13	08:45:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	1	mg/l
2006-09-13	08:45:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2006-09-13	08:45:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		6.07	mg/l
2006-09-13	08:45:00	EST	21SC60WQ_WQX-C-017	pH		6.62	None
2006-09-13	08:45:00	EST	21SC60WQ_WQX-C-017	Temperature, water		22.7	deg C
2006-10-18	09:30:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	14	mg/l
2006-10-18	09:30:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	2.1	mg/l
2006-10-18	09:30:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	50	#/100ml
2006-10-18	09:30:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	270	#/100ml
2006-10-18	09:30:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.72	mg/l
2006-10-18	09:30:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.23	mg/l
2006-10-18	09:30:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.34	mg/l
2006-10-18	09:30:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.054	mg/l
2006-10-18	09:30:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	7.7	mg/l
2006-10-18	09:30:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	7.8	NTU
2006-10-18	09:30:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	1.06	mg/l
2006-10-18	09:30:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2006-10-18	09:30:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		6.66	mg/l
2006-10-18	09:30:00	EST	21SC60WQ_WQX-C-017	pH		6.53	None
2006-10-18	09:30:00	EST	21SC60WQ_WQX-C-017	Temperature, water		19.8	deg C
2006-11-06	10:00:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	14	mg/l
2006-11-06	10:00:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	2.1	mg/l
2006-11-06	10:00:00	EST	21SC60WQ_WQX-C-017	Cadmium	Total		
2006-11-06	10:00:00	EST	21SC60WQ_WQX-C-017	Organic carl	Total	9.4	mg/l
2006-11-06	10:00:00	EST	21SC60WQ_WQX-C-017	Chromium	Total		
2006-11-06	10:00:00	EST	21SC60WQ_WQX-C-017	Copper	Total		
2006-11-06	10:00:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	18	#/100ml
2006-11-06	10:00:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	60	#/100ml
2006-11-06	10:00:00	EST	21SC60WQ_WQX-C-017	Iron	Total	1.2	mg/l
2006-11-06	10:00:00	EST	21SC60WQ_WQX-C-017	Lead	Total		
2006-11-06	10:00:00	EST	21SC60WQ_WQX-C-017	Manganese	Total	0.072	mg/l
2006-11-06	10:00:00	EST	21SC60WQ_WQX-C-017	Mercury	Total		
2006-11-06	10:00:00	EST	21SC60WQ_WQX-C-017	Nickel	Total		
2006-11-06	10:00:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.71	mg/l
2006-11-06	10:00:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.55	mg/l
2006-11-06	10:00:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.15	mg/l
2006-11-06	10:00:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.042	mg/l
2006-11-06	10:00:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	4.5	mg/l
2006-11-06	10:00:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	5.5	NTU

2006-11-06	10:00:00	EST	21SC60WQ_WQX-C-017	Zinc	Total	0.019	mg/l
2006-11-06	10:00:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	0.86	mg/l
2006-11-06	10:00:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		8.88	mg/l
2006-11-06	10:00:00	EST	21SC60WQ_WQX-C-017	pH		7.78	None
2006-11-06	10:00:00	EST	21SC60WQ_WQX-C-017	Temperature, water		10.5	deg C
2006-12-04	09:15:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	9.4	mg/l
2006-12-04	09:15:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	2.8	mg/l
2006-12-04	09:15:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	82	#/100ml
2006-12-04	09:15:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	97	#/100ml
2006-12-04	09:15:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.5	mg/l
2006-12-04	09:15:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.089	mg/l
2006-12-04	09:15:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.12	mg/l
2006-12-04	09:15:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.056	mg/l
2006-12-04	09:15:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	8.5	NTU
2006-12-04	09:15:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	0.62	mg/l
2006-12-04	09:15:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2006-12-04	09:15:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		8.97	mg/l
2006-12-04	09:15:00	EST	21SC60WQ_WQX-C-017	pH		6.77	None
2006-12-04	09:15:00	EST	21SC60WQ_WQX-C-017	Temperature, water		11.8	deg C
2007-01-18	09:35:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	9.2	mg/l
2007-01-18	09:35:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	2.1	mg/l
2007-01-18	09:35:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	60	#/100ml
2007-01-18	09:35:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	180	#/100ml
2007-01-18	09:35:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.5	mg/l
2007-01-18	09:35:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.13	mg/l
2007-01-18	09:35:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.16	mg/l
2007-01-18	09:35:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.044	mg/l
2007-01-18	09:35:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	5.7	mg/l
2007-01-18	09:35:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	12	NTU
2007-01-18	09:35:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	0.66	mg/l
2007-01-18	09:35:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		10.74	mg/l
2007-01-18	09:35:00	EST	21SC60WQ_WQX-C-017	pH		7.24	None
2007-01-18	09:35:00	EST	21SC60WQ_WQX-C-017	Temperature, water		8.4	deg C
2007-02-06	09:15:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	7.2	mg/l
2007-02-06	09:15:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total		
2007-02-06	09:15:00	EST	21SC60WQ_WQX-C-017	Cadmium	Total		
2007-02-06	09:15:00	EST	21SC60WQ_WQX-C-017	Calcium	Total	3.6	mg/l
2007-02-06	09:15:00	EST	21SC60WQ_WQX-C-017	Organic carl	Total	4.5	mg/l
2007-02-06	09:15:00	EST	21SC60WQ_WQX-C-017	Chromium	Total		
2007-02-06	09:15:00	EST	21SC60WQ_WQX-C-017	Copper	Total		
2007-02-06	09:15:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	5	#/100ml
2007-02-06	09:15:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	65	#/100ml
2007-02-06	09:15:00	EST	21SC60WQ_WQX-C-017	Hardness, C	Total	12	mg/l
2007-02-06	09:15:00	EST	21SC60WQ_WQX-C-017	Iron	Total	0.75	mg/l
2007-02-06	09:15:00	EST	21SC60WQ_WQX-C-017	Lead	Total		
2007-02-06	09:15:00	EST	21SC60WQ_WQX-C-017	Magnesium	Total	0.7	mg/l
2007-02-06	09:15:00	EST	21SC60WQ_WQX-C-017	Manganese	Total	0.027	mg/l
2007-02-06	09:15:00	EST	21SC60WQ_WQX-C-017	Mercury	Total		
2007-02-06	09:15:00	EST	21SC60WQ_WQX-C-017	Nickel	Total		
2007-02-06	09:15:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.21	mg/l
2007-02-06	09:15:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.03	mg/l
2007-02-06	09:15:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	7.1	mg/l
2007-02-06	09:15:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	13	NTU
2007-02-06	09:15:00	EST	21SC60WQ_WQX-C-017	Zinc	Total	0.04	mg/l

2007-02-06	09:15:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2007-02-06	09:15:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		12.48	mg/l
2007-02-06	09:15:00	EST	21SC60WQ_WQX-C-017	pH		6.88	None
2007-02-06	09:15:00	EST	21SC60WQ_WQX-C-017	Temperature, water		5.5	deg C
2007-03-19	10:05:00	EST	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	7.2	mg/l
2007-03-19	10:05:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total		
2007-03-19	10:05:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	10.8	#/100ml
2007-03-19	10:05:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	120	#/100ml
2007-03-19	10:05:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.28	mg/l
2007-03-19	10:05:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.26	mg/l
2007-03-19	10:05:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.14	mg/l
2007-03-19	10:05:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.068	mg/l
2007-03-19	10:05:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	8.7	mg/l
2007-03-19	10:05:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	10	NTU
2007-03-19	10:05:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	0.42	mg/l
2007-03-19	10:05:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		9.28	mg/l
2007-03-19	10:05:00	EST	21SC60WQ_WQX-C-017	pH		6.71	None
2007-03-19	10:05:00	EST	21SC60WQ_WQX-C-017	Temperature, water		11	deg C
2007-04-04	10:35:00	EST	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	27	mg/l
2007-04-04	10:35:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total		
2007-04-04	10:35:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	101.7	#/100ml
2007-04-04	10:35:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	100	#/100ml
2007-04-04	10:35:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.94	mg/l
2007-04-04	10:35:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.6	mg/l
2007-04-04	10:35:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.27	mg/l
2007-04-04	10:35:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.051	mg/l
2007-04-04	10:35:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	4	mg/l
2007-04-04	10:35:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	6.4	NTU
2007-04-04	10:35:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	1.21	mg/l
2007-04-04	10:35:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		5.32	mg/l
2007-04-04	10:35:00	EST	21SC60WQ_WQX-C-017	pH		6.49	None
2007-04-04	10:35:00	EST	21SC60WQ_WQX-C-017	Temperature, water		20.6	deg C
2007-05-15	12:15:00	EST	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	9.3	mg/l
2007-05-15	12:15:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	2.5	mg/l
2007-05-15	12:15:00	EST	21SC60WQ_WQX-C-017	Cadmium	Total		
2007-05-15	12:15:00	EST	21SC60WQ_WQX-C-017	Calcium	Total	3.9	mg/l
2007-05-15	12:15:00	EST	21SC60WQ_WQX-C-017	Organic carl	Total	6.2	mg/l
2007-05-15	12:15:00	EST	21SC60WQ_WQX-C-017	Chromium	Total		
2007-05-15	12:15:00	EST	21SC60WQ_WQX-C-017	Copper	Total		
2007-05-15	12:15:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	26.2	#/100ml
2007-05-15	12:15:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	270	#/100ml
2007-05-15	12:15:00	EST	21SC60WQ_WQX-C-017	Hardness, C	Total	13	mg/l
2007-05-15	12:15:00	EST	21SC60WQ_WQX-C-017	Iron	Total	1	mg/l
2007-05-15	12:15:00	EST	21SC60WQ_WQX-C-017	Lead	Total		
2007-05-15	12:15:00	EST	21SC60WQ_WQX-C-017	Magnesium	Total	0.86	mg/l
2007-05-15	12:15:00	EST	21SC60WQ_WQX-C-017	Manganese	Total	0.068	mg/l
2007-05-15	12:15:00	EST	21SC60WQ_WQX-C-017	Mercury	Total		
2007-05-15	12:15:00	EST	21SC60WQ_WQX-C-017	Nickel	Total		
2007-05-15	12:15:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.51	mg/l
2007-05-15	12:15:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.48	mg/l
2007-05-15	12:15:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.078	mg/l
2007-05-15	12:15:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.036	mg/l
2007-05-15	12:15:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	9	mg/l
2007-05-15	12:15:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	10	NTU

2007-05-15	12:15:00	EST	21SC60WQ_WQX-C-017	Zinc	Total	0.034	mg/l
2007-05-15	12:15:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	0.588	mg/l
2007-05-15	12:15:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		7.04	mg/l
2007-05-15	12:15:00	EST	21SC60WQ_WQX-C-017	pH		6.53	None
2007-05-15	12:15:00	EST	21SC60WQ_WQX-C-017	Temperature, water		21.7	deg C
2007-06-05	10:10:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	7	mg/l
2007-06-05	10:10:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	3.2	mg/l
2007-06-05	10:10:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	2419.6	#/100ml
2007-06-05	10:10:00	EST	21SC60WQ_WQX-C-017	Fecal Colifo	Total	1800	#/100ml
2007-06-05	10:10:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.18	mg/l
2007-06-05	10:10:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.059	mg/l
2007-06-05	10:10:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	33	mg/l
2007-06-05	10:10:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	17	NTU
2007-06-05	10:10:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		5.84	mg/l
2007-06-05	10:10:00	EST	21SC60WQ_WQX-C-017	pH		6.26	None
2007-06-05	10:10:00	EST	21SC60WQ_WQX-C-017	Temperature, water		22.9	deg C
2007-07-10	10:15:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	12	mg/l
2007-07-10	10:15:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	4.2	mg/l
2007-07-10	10:15:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	78.4	#/100ml
2007-07-10	10:15:00	EST	21SC60WQ_WQX-C-017	Fecal Colifo	Total	120	#/100ml
2007-07-10	10:15:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.99	mg/l
2007-07-10	10:15:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.51	mg/l
2007-07-10	10:15:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.024	mg/l
2007-07-10	10:15:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.084	mg/l
2007-07-10	10:15:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	7	mg/l
2007-07-10	10:15:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	9.2	NTU
2007-07-10	10:15:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	1.014	mg/l
2007-07-10	10:15:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		5.69	mg/l
2007-07-10	10:15:00	EST	21SC60WQ_WQX-C-017	pH		6.6	None
2007-07-10	10:15:00	EST	21SC60WQ_WQX-C-017	Temperature, water		27.2	deg C
2007-08-15	10:55:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	15	mg/l
2007-08-15	10:55:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total		
2007-08-15	10:55:00	EST	21SC60WQ_WQX-C-017	Cadmium	Total		
2007-08-15	10:55:00	EST	21SC60WQ_WQX-C-017	Calcium	Total	5.3	mg/l
2007-08-15	10:55:00	EST	21SC60WQ_WQX-C-017	Organic carl	Total	4.9	mg/l
2007-08-15	10:55:00	EST	21SC60WQ_WQX-C-017	Chromium	Total		
2007-08-15	10:55:00	EST	21SC60WQ_WQX-C-017	Copper	Total		
2007-08-15	10:55:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	57.3	#/100ml
2007-08-15	10:55:00	EST	21SC60WQ_WQX-C-017	Fecal Colifo	Total	180	#/100ml
2007-08-15	10:55:00	EST	21SC60WQ_WQX-C-017	Hardness, C	Total	17	mg/l
2007-08-15	10:55:00	EST	21SC60WQ_WQX-C-017	Iron	Total	1.3	mg/l
2007-08-15	10:55:00	EST	21SC60WQ_WQX-C-017	Lead	Total		
2007-08-15	10:55:00	EST	21SC60WQ_WQX-C-017	Magnesium	Total	0.97	mg/l
2007-08-15	10:55:00	EST	21SC60WQ_WQX-C-017	Manganese	Total	0.13	mg/l
2007-08-15	10:55:00	EST	21SC60WQ_WQX-C-017	Mercury	Total		
2007-08-15	10:55:00	EST	21SC60WQ_WQX-C-017	Nickel	Total		
2007-08-15	10:55:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.51	mg/l
2007-08-15	10:55:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.26	mg/l
2007-08-15	10:55:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.28	mg/l
2007-08-15	10:55:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.042	mg/l
2007-08-15	10:55:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	6.1	mg/l
2007-08-15	10:55:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	7.3	NTU
2007-08-15	10:55:00	EST	21SC60WQ_WQX-C-017	Zinc	Total	0.011	mg/l
2007-08-15	10:55:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	0.79	mg/l

2007-08-15	10:55:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		4.46	mg/l
2007-08-15	10:55:00	EST	21SC60WQ_WQX-C-017	pH		6.63	None
2007-08-15	10:55:00	EST	21SC60WQ_WQX-C-017	Temperature, water		27.6	deg C
2007-09-12	08:45:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	16	mg/l
2007-09-12	08:45:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	3	mg/l
2007-09-12	08:45:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	66.3	#/100ml
2007-09-12	08:45:00	EST	21SC60WQ_WQX-C-017	Fecal Colifo	Total	120	#/100ml
2007-09-12	08:45:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	1.5	mg/l
2007-09-12	08:45:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.5	mg/l
2007-09-12	08:45:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.33	mg/l
2007-09-12	08:45:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.058	mg/l
2007-09-12	08:45:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	5.6	mg/l
2007-09-12	08:45:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	7.6	NTU
2007-09-12	08:45:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	1.83	mg/l
2007-09-12	08:45:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		3.89	mg/l
2007-09-12	08:45:00	EST	21SC60WQ_WQX-C-017	pH		6.6	None
2007-09-12	08:45:00	EST	21SC60WQ_WQX-C-017	Temperature, water		25.9	deg C
2007-10-02	11:00:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	21	mg/l
2007-10-02	11:00:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	4	mg/l
2007-10-02	11:00:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	42.8	#/100ml
2007-10-02	11:00:00	EST	21SC60WQ_WQX-C-017	Fecal Colifo	Total	63	#/100ml
2007-10-02	11:00:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.95	mg/l
2007-10-02	11:00:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.21	mg/l
2007-10-02	11:00:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.42	mg/l
2007-10-02	11:00:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.052	mg/l
2007-10-02	11:00:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	6.7	mg/l
2007-10-02	11:00:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	7.4	NTU
2007-10-02	11:00:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	1.37	mg/l
2007-10-02	11:00:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		4.39	mg/l
2007-10-02	11:00:00	EST	21SC60WQ_WQX-C-017	pH		6.84	None
2007-10-02	11:00:00	EST	21SC60WQ_WQX-C-017	Temperature, water		21.6	deg C
2007-11-13	10:40:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	3	mg/l
2007-11-13	10:40:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	2.6	mg/l
2007-11-13	10:40:00	EST	21SC60WQ_WQX-C-017	Cadmium	Total		
2007-11-13	10:40:00	EST	21SC60WQ_WQX-C-017	Calcium	Total	0.61	mg/l
2007-11-13	10:40:00	EST	21SC60WQ_WQX-C-017	Organic carl	Total	5.4	mg/l
2007-11-13	10:40:00	EST	21SC60WQ_WQX-C-017	Chromium	Total		
2007-11-13	10:40:00	EST	21SC60WQ_WQX-C-017	Copper	Total		
2007-11-13	10:40:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	16	#/100ml
2007-11-13	10:40:00	EST	21SC60WQ_WQX-C-017	Fecal Colifo	Total	240	#/100ml
2007-11-13	10:40:00	EST	21SC60WQ_WQX-C-017	Hardness, C	Total	4	mg/l
2007-11-13	10:40:00	EST	21SC60WQ_WQX-C-017	Iron	Total	0.41	mg/l
2007-11-13	10:40:00	EST	21SC60WQ_WQX-C-017	Lead	Total		
2007-11-13	10:40:00	EST	21SC60WQ_WQX-C-017	Magnesium	Total	0.6	mg/l
2007-11-13	10:40:00	EST	21SC60WQ_WQX-C-017	Manganese	Total	0.032	mg/l
2007-11-13	10:40:00	EST	21SC60WQ_WQX-C-017	Mercury	Total		
2007-11-13	10:40:00	EST	21SC60WQ_WQX-C-017	Nickel	Total		
2007-11-13	10:40:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.31	mg/l
2007-11-13	10:40:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.07	mg/l
2007-11-13	10:40:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.34	mg/l
2007-11-13	10:40:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total		
2007-11-13	10:40:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	2.6	mg/l
2007-11-13	10:40:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	2.7	NTU
2007-11-13	10:40:00	EST	21SC60WQ_WQX-C-017	Zinc	Total	0.011	mg/l

2007-11-13	10:40:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	0.65	mg/l
2007-11-13	10:40:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		8.92	mg/l
2007-11-13	10:40:00	EST	21SC60WQ_WQX-C-017	pH		6.01	None
2007-11-13	10:40:00	EST	21SC60WQ_WQX-C-017	Temperature, water		11.2	deg C
2007-12-04	13:40:00	EST	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	12	mg/l
2007-12-04	13:40:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	2.4	mg/l
2007-12-04	13:40:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	14.6	#/100ml
2007-12-04	13:40:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	37	#/100ml
2007-12-04	13:40:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.065	mg/l
2007-12-04	13:40:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.098	mg/l
2007-12-04	13:40:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.046	mg/l
2007-12-04	13:40:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	5.8	mg/l
2007-12-04	13:40:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	5.8	NTU
2007-12-04	13:40:00	EST	21SC60WQ_WQX-C-017	Depth		0.3	m
2007-12-04	13:40:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		6.26	mg/l
2007-12-04	13:40:00	EST	21SC60WQ_WQX-C-017	pH		6.41	None
2007-12-04	13:40:00	EST	21SC60WQ_WQX-C-017	Temperature, water		13.2	deg C
2008-01-17	11:25:00	EST	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	7.1	mg/l
2008-01-17	11:25:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	3.6	mg/l
2008-01-17	11:25:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	920.8	#/100ml
2008-01-17	11:25:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	1400	#/100ml
2008-01-17	11:25:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.63	mg/l
2008-01-17	11:25:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.14	mg/l
2008-01-17	11:25:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.22	mg/l
2008-01-17	11:25:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.062	mg/l
2008-01-17	11:25:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	24	mg/l
2008-01-17	11:25:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	19	NTU
2008-01-17	11:25:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	0.85	mg/l
2008-01-17	11:25:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		10.73	mg/l
2008-01-17	11:25:00	EST	21SC60WQ_WQX-C-017	pH		6.7	None
2008-01-17	11:25:00	EST	21SC60WQ_WQX-C-017	Temperature, water		7.8	deg C
2008-02-06	10:50:00	EST	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	8.2	mg/l
2008-02-06	10:50:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total		
2008-02-06	10:50:00	EST	21SC60WQ_WQX-C-017	Cadmium	Total		
2008-02-06	10:50:00	EST	21SC60WQ_WQX-C-017	Calcium	Total	4	mg/l
2008-02-06	10:50:00	EST	21SC60WQ_WQX-C-017	Organic carl	Total	5.4	mg/l
2008-02-06	10:50:00	EST	21SC60WQ_WQX-C-017	Chromium	Total		
2008-02-06	10:50:00	EST	21SC60WQ_WQX-C-017	Copper	Total		
2008-02-06	10:50:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	4.1	#/100ml
2008-02-06	10:50:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	43	#/100ml
2008-02-06	10:50:00	EST	21SC60WQ_WQX-C-017	Hardness, C	Total	13	mg/l
2008-02-06	10:50:00	EST	21SC60WQ_WQX-C-017	Iron	Total	0.82	mg/l
2008-02-06	10:50:00	EST	21SC60WQ_WQX-C-017	Lead	Total		
2008-02-06	10:50:00	EST	21SC60WQ_WQX-C-017	Magnesium	Total	0.82	mg/l
2008-02-06	10:50:00	EST	21SC60WQ_WQX-C-017	Manganese	Total	0.044	mg/l
2008-02-06	10:50:00	EST	21SC60WQ_WQX-C-017	Mercury	Total		
2008-02-06	10:50:00	EST	21SC60WQ_WQX-C-017	Nickel	Total		
2008-02-06	10:50:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.46	mg/l
2008-02-06	10:50:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.25	mg/l
2008-02-06	10:50:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.21	mg/l
2008-02-06	10:50:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.02	mg/l
2008-02-06	10:50:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	7.6	mg/l
2008-02-06	10:50:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	11	NTU
2008-02-06	10:50:00	EST	21SC60WQ_WQX-C-017	Zinc	Total	0.016	mg/l

2008-02-06	10:50:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	0.67	mg/l
2008-02-06	10:50:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		8.94	mg/l
2008-02-06	10:50:00	EST	21SC60WQ_WQX-C-017	pH		6.52	None
2008-02-06	10:50:00	EST	21SC60WQ_WQX-C-017	Temperature, water		14.7	deg C
2008-03-04	10:10:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	2.8	mg/l
2008-03-04	10:10:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	3	mg/l
2008-03-04	10:10:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	6.3	#/100ml
2008-03-04	10:10:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	62	#/100ml
2008-03-04	10:10:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	1	mg/l
2008-03-04	10:10:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.38	mg/l
2008-03-04	10:10:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.19	mg/l
2008-03-04	10:10:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.057	mg/l
2008-03-04	10:10:00	EST	21SC60WQ_WQX-C-017	Total suspen	Total	9.6	mg/l
2008-03-04	10:10:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	11	NTU
2008-03-04	10:10:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	1.19	mg/l
2008-03-04	10:10:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		8.31	mg/l
2008-03-04	10:10:00	EST	21SC60WQ_WQX-C-017	pH		6.76	None
2008-03-04	10:10:00	EST	21SC60WQ_WQX-C-017	Temperature, water		15.8	deg C
2008-04-09	11:20:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	10	mg/l
2008-04-09	11:20:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	2.9	mg/l
2008-04-09	11:20:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	7.5	#/100ml
2008-04-09	11:20:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	70	#/100ml
2008-04-09	11:20:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.51	mg/l
2008-04-09	11:20:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.081	mg/l
2008-04-09	11:20:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.046	mg/l
2008-04-09	11:20:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.04	mg/l
2008-04-09	11:20:00	EST	21SC60WQ_WQX-C-017	Total suspen	Total	10	mg/l
2008-04-09	11:20:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	12	NTU
2008-04-09	11:20:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	0.556	mg/l
2008-04-09	11:20:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		7.87	mg/l
2008-04-09	11:20:00	EST	21SC60WQ_WQX-C-017	pH		6.56	None
2008-04-09	11:20:00	EST	21SC60WQ_WQX-C-017	Temperature, water		17.5	deg C
2008-05-14	12:45:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	27	mg/l
2008-05-14	12:45:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total		
2008-05-14	12:45:00	EST	21SC60WQ_WQX-C-017	Cadmium	Total		
2008-05-14	12:45:00	EST	21SC60WQ_WQX-C-017	Organic carl	Total	11	mg/l
2008-05-14	12:45:00	EST	21SC60WQ_WQX-C-017	Chromium	Total		
2008-05-14	12:45:00	EST	21SC60WQ_WQX-C-017	Copper	Total		
2008-05-14	12:45:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	20.1	#/100ml
2008-05-14	12:45:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	97	#/100ml
2008-05-14	12:45:00	EST	21SC60WQ_WQX-C-017	Iron	Total	1.1	mg/l
2008-05-14	12:45:00	EST	21SC60WQ_WQX-C-017	Lead	Total		
2008-05-14	12:45:00	EST	21SC60WQ_WQX-C-017	Manganese	Total	0.043	mg/l
2008-05-14	12:45:00	EST	21SC60WQ_WQX-C-017	Mercury	Total		
2008-05-14	12:45:00	EST	21SC60WQ_WQX-C-017	Nickel	Total		
2008-05-14	12:45:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	1	mg/l
2008-05-14	12:45:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.26	mg/l
2008-05-14	12:45:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.08	mg/l
2008-05-14	12:45:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.071	mg/l
2008-05-14	12:45:00	EST	21SC60WQ_WQX-C-017	Total suspen	Total	7.8	mg/l
2008-05-14	12:45:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	9.4	NTU
2008-05-14	12:45:00	EST	21SC60WQ_WQX-C-017	Zinc	Total	0.036	mg/l
2008-05-14	12:45:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	1.08	mg/l
2008-05-14	12:45:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		7.4	mg/l

2008-05-14	12:45:00	EST	21SC60WQ_WQX-C-017	pH		6.49	None
2008-05-14	12:45:00	EST	21SC60WQ_WQX-C-017	Temperature, water		20.6	deg C
2008-06-17	11:20:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	16	mg/l
2008-06-17	11:20:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	2.6	mg/l
2008-06-17	11:20:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	40.4	#/100ml
2008-06-17	11:20:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	100	#/100ml
2008-06-17	11:20:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.88	mg/l
2008-06-17	11:20:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.35	mg/l
2008-06-17	11:20:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.18	mg/l
2008-06-17	11:20:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.08	mg/l
2008-06-17	11:20:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	8.7	NTU
2008-06-17	11:20:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	1.06	mg/l
2008-06-17	11:20:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		5.51	mg/l
2008-06-17	11:20:00	EST	21SC60WQ_WQX-C-017	pH		6.36	None
2008-06-17	11:20:00	EST	21SC60WQ_WQX-C-017	Temperature, water		26.8	deg C
2008-07-07	11:30:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	14	mg/l
2008-07-07	11:30:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	2.5	mg/l
2008-07-07	11:30:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	32.3	#/100ml
2008-07-07	11:30:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	450	#/100ml
2008-07-07	11:30:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.41	mg/l
2008-07-07	11:30:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.22	mg/l
2008-07-07	11:30:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.074	mg/l
2008-07-07	11:30:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	5.3	mg/l
2008-07-07	11:30:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	8.3	NTU
2008-07-07	11:30:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		5.63	mg/l
2008-07-07	11:30:00	EST	21SC60WQ_WQX-C-017	pH		6.15	None
2008-07-07	11:30:00	EST	21SC60WQ_WQX-C-017	Temperature, water		25.2	deg C
2008-08-26	09:55:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	5.5	mg/l
2008-08-26	09:55:00	EST	21SC60WQ_WQX-C-017	Cadmium	Total		
2008-08-26	09:55:00	EST	21SC60WQ_WQX-C-017	Calcium	Total	2.9	mg/l
2008-08-26	09:55:00	EST	21SC60WQ_WQX-C-017	Organic carl	Total	6.9	mg/l
2008-08-26	09:55:00	EST	21SC60WQ_WQX-C-017	Chromium	Total		
2008-08-26	09:55:00	EST	21SC60WQ_WQX-C-017	Copper	Total		
2008-08-26	09:55:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	396.8	#/100ml
2008-08-26	09:55:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	2300	#/100ml
2008-08-26	09:55:00	EST	21SC60WQ_WQX-C-017	Hardness, C	Total	10	mg/l
2008-08-26	09:55:00	EST	21SC60WQ_WQX-C-017	Iron	Total	0.84	mg/l
2008-08-26	09:55:00	EST	21SC60WQ_WQX-C-017	Lead	Total		
2008-08-26	09:55:00	EST	21SC60WQ_WQX-C-017	Magnesium	Total	0.68	mg/l
2008-08-26	09:55:00	EST	21SC60WQ_WQX-C-017	Manganese	Total	0.052	mg/l
2008-08-26	09:55:00	EST	21SC60WQ_WQX-C-017	Mercury	Total		
2008-08-26	09:55:00	EST	21SC60WQ_WQX-C-017	Nickel	Total		
2008-08-26	09:55:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.37	mg/l
2008-08-26	09:55:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.16	mg/l
2008-08-26	09:55:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.073	mg/l
2008-08-26	09:55:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.092	mg/l
2008-08-26	09:55:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	21	mg/l
2008-08-26	09:55:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	24	NTU
2008-08-26	09:55:00	EST	21SC60WQ_WQX-C-017	Zinc	Total	0.013	mg/l
2008-08-26	09:55:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	0.443	mg/l
2008-08-26	09:55:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		5.98	mg/l
2008-08-26	09:55:00	EST	21SC60WQ_WQX-C-017	pH		5.96	None
2008-08-26	09:55:00	EST	21SC60WQ_WQX-C-017	Temperature, water		26.1	deg C
2008-09-23	09:45:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	9.4	mg/l

2008-09-23	09:45:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	67.7	#/100ml
2008-09-23	09:45:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	160	#/100ml
2008-09-23	09:45:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.94	mg/l
2008-09-23	09:45:00	EST	21SC60WQ_WQX-C-017	Ammonia			
2008-09-23	09:45:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.12	mg/l
2008-09-23	09:45:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.066	mg/l
2008-09-23	09:45:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	8	mg/l
2008-09-23	09:45:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	9.7	NTU
2008-09-23	09:45:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	1.06	mg/l
2008-09-23	09:45:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		6.6	mg/l
2008-09-23	09:45:00	EST	21SC60WQ_WQX-C-017	pH		6.41	None
2008-09-23	09:45:00	EST	21SC60WQ_WQX-C-017	Temperature, water		21.6	deg C
2008-10-08	10:45:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	15	mg/l
2008-10-08	10:45:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	4.1	mg/l
2008-10-08	10:45:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	9.8	#/100ml
2008-10-08	10:45:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	220	#/100ml
2008-10-08	10:45:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	1	mg/l
2008-10-08	10:45:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.61	mg/l
2008-10-08	10:45:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.16	mg/l
2008-10-08	10:45:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.086	mg/l
2008-10-08	10:45:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	7.4	mg/l
2008-10-08	10:45:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	8.6	NTU
2008-10-08	10:45:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	1.16	mg/l
2008-10-08	10:45:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		6.53	mg/l
2008-10-08	10:45:00	EST	21SC60WQ_WQX-C-017	pH		6.46	None
2008-10-08	10:45:00	EST	21SC60WQ_WQX-C-017	Temperature, water		20.3	deg C
2008-11-12	10:55:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	12	mg/l
2008-11-12	10:55:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total		
2008-11-12	10:55:00	EST	21SC60WQ_WQX-C-017	Cadmium	Total		
2008-11-12	10:55:00	EST	21SC60WQ_WQX-C-017	Calcium	Total	3.3	mg/l
2008-11-12	10:55:00	EST	21SC60WQ_WQX-C-017	Organic carl	Total	6	mg/l
2008-11-12	10:55:00	EST	21SC60WQ_WQX-C-017	Chromium	Total		
2008-11-12	10:55:00	EST	21SC60WQ_WQX-C-017	Copper	Total		
2008-11-12	10:55:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	33.2	#/100ml
2008-11-12	10:55:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	130	#/100ml
2008-11-12	10:55:00	EST	21SC60WQ_WQX-C-017	Hardness, C	Total	11	mg/l
2008-11-12	10:55:00	EST	21SC60WQ_WQX-C-017	Iron	Total	0.84	mg/l
2008-11-12	10:55:00	EST	21SC60WQ_WQX-C-017	Lead	Total		
2008-11-12	10:55:00	EST	21SC60WQ_WQX-C-017	Magnesium	Total	0.65	mg/l
2008-11-12	10:55:00	EST	21SC60WQ_WQX-C-017	Manganese	Total	0.036	mg/l
2008-11-12	10:55:00	EST	21SC60WQ_WQX-C-017	Mercury	Total		
2008-11-12	10:55:00	EST	21SC60WQ_WQX-C-017	Nickel	Total		
2008-11-12	10:55:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.68	mg/l
2008-11-12	10:55:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.15	mg/l
2008-11-12	10:55:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.12	mg/l
2008-11-12	10:55:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.052	mg/l
2008-11-12	10:55:00	EST	21SC60WQ_WQX-C-017	Total susper	Total	3.7	mg/l
2008-11-12	10:55:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	6.6	NTU
2008-11-12	10:55:00	EST	21SC60WQ_WQX-C-017	Zinc	Total	0.037	mg/l
2008-11-12	10:55:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	0.8	mg/l
2008-11-12	10:55:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		8.41	mg/l
2008-11-12	10:55:00	EST	21SC60WQ_WQX-C-017	pH		6.42	None
2008-11-12	10:55:00	EST	21SC60WQ_WQX-C-017	Temperature, water		12.5	deg C
2008-12-10	10:40:00	EST	21SC60WQ_WQX-C-017	Alkalinity, to	Total	10	mg/l

2008-12-10	10:40:00	EST	21SC60WQ_WQX-C-017	Biochemical	Total	2.9	mg/l
2008-12-10	10:40:00	EST	21SC60WQ_WQX-C-017	Enterococcu	Total	7.5	#/100ml
2008-12-10	10:40:00	EST	21SC60WQ_WQX-C-017	Fecal Colifor	Total	47	#/100ml
2008-12-10	10:40:00	EST	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.35	mg/l
2008-12-10	10:40:00	EST	21SC60WQ_WQX-C-017	Ammonia		0.11	mg/l
2008-12-10	10:40:00	EST	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.08	mg/l
2008-12-10	10:40:00	EST	21SC60WQ_WQX-C-017	Phosphorus	Total	0.057	mg/l
2008-12-10	10:40:00	EST	21SC60WQ_WQX-C-017	Total suspe	Total	4.6	mg/l
2008-12-10	10:40:00	EST	21SC60WQ_WQX-C-017	Turbidity	Total	6.9	NTU
2008-12-10	10:40:00	EST	21SC60WQ_WQX-C-017	Nitrogen	Total	0.43	mg/l
2008-12-10	10:40:00	EST	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		9.62	mg/l
2008-12-10	10:40:00	EST	21SC60WQ_WQX-C-017	pH		6.53	None
2008-12-10	10:40:00	EST	21SC60WQ_WQX-C-017	Temperature, water		13.1	deg C
2009-01-13	11:15:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, to	Total	6.4	mg/l
2009-01-13	11:15:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.20	mg/l
2009-01-13	11:15:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen dem		3.1	mg/l
2009-01-13	11:15:00	EDT	21SC60WQ_WQX-C-017	Enterococcus		20.1	#/100ml
2009-01-13	11:15:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		127.4	#/100ml
2009-01-13	11:15:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	1.08	mg/l
2009-01-13	11:15:00	EDT	21SC60WQ_WQX-C-017	Fecal Coliform		120	#/100ml
2009-01-13	11:15:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.17	mg/l
2009-01-13	11:15:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.91	mg/l
2009-01-13	11:15:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.08	mg/l
2009-01-13	11:15:00	EDT	21SC60WQ_WQX-C-017	Total suspe	Total	8.0	mg/l
2009-01-13	11:15:00	EDT	21SC60WQ_WQX-C-017	Turbidity		12	NTU
2009-01-13	11:15:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		9.76	mg/l
2009-01-13	11:15:00	EDT	21SC60WQ_WQX-C-017	pH		6.14	None
2009-01-13	11:15:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		9.4	deg C
2009-02-18	10:20:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, to	Total	7.4	mg/l
2009-02-18	10:20:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total		
2009-02-18	10:20:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen demand, standard conditions			
2009-02-18	10:20:00	EDT	21SC60WQ_WQX-C-017	Cadmium	Total		
2009-02-18	10:20:00	EDT	21SC60WQ_WQX-C-017	Calcium	Total	3.6	mg/l
2009-02-18	10:20:00	EDT	21SC60WQ_WQX-C-017	Chromium	Total		
2009-02-18	10:20:00	EDT	21SC60WQ_WQX-C-017	Copper	Total		
2009-02-18	10:20:00	EDT	21SC60WQ_WQX-C-017	Enterococcus		24.7	#/100ml
2009-02-18	10:20:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		135.0	#/100ml
2009-02-18	10:20:00	EDT	21SC60WQ_WQX-C-017	Fecal Coliform		80	#/100ml
2009-02-18	10:20:00	EDT	21SC60WQ_WQX-C-017	Hardness, C	Total	12	mg/l
2009-02-18	10:20:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.14	mg/l
2009-02-18	10:20:00	EDT	21SC60WQ_WQX-C-017	Iron	Total	0.94	mg/l
2009-02-18	10:20:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.36	mg/l
2009-02-18	10:20:00	EDT	21SC60WQ_WQX-C-017	Lead	Total		
2009-02-18	10:20:00	EDT	21SC60WQ_WQX-C-017	Magnesium	Total	0.77	mg/l
2009-02-18	10:20:00	EDT	21SC60WQ_WQX-C-017	Manganese	Total	0.039	mg/l
2009-02-18	10:20:00	EDT	21SC60WQ_WQX-C-017	Mercury	Total		
2009-02-18	10:20:00	EDT	21SC60WQ_WQX-C-017	Nickel	Total		
2009-02-18	10:20:00	EDT	21SC60WQ_WQX-C-017	Organic carl	Total	4.0	mg/l
2009-02-18	10:20:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.058	mg/l
2009-02-18	10:20:00	EDT	21SC60WQ_WQX-C-017	Total suspe	Total	9.6	mg/l
2009-02-18	10:20:00	EDT	21SC60WQ_WQX-C-017	Turbidity		12	NTU
2009-02-18	10:20:00	EDT	21SC60WQ_WQX-C-017	Zinc	Total		
2009-02-18	10:20:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.5	mg/l
2009-02-18	10:20:00	EDT	21SC60WQ_WQX-C-017	Depth		0.3	m

2009-02-18	10:20:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		9.69	mg/l
2009-02-18	10:20:00	EDT	21SC60WQ_WQX-C-017	pH		6.78	None
2009-02-18	10:20:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		10.6	deg C
2009-03-17	11:05:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, to	Total	7.9	mg/l
2009-03-17	11:05:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.14	mg/l
2009-03-17	11:05:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen demand, standard conditions			
2009-03-17	11:05:00	EDT	21SC60WQ_WQX-C-017	Enterococcus		22.8	#/100ml
2009-03-17	11:05:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		325.5	#/100ml
2009-03-17	11:05:00	EDT	21SC60WQ_WQX-C-017	Fecal Coliform		230	#/100ml
2009-03-17	11:05:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.45	mg/l
2009-03-17	11:05:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.025	mg/l
2009-03-17	11:05:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	9.6	mg/l
2009-03-17	11:05:00	EDT	21SC60WQ_WQX-C-017	Turbidity		13	NTU
2009-03-17	11:05:00	EDT	21SC60WQ_WQX-C-017	Depth		0.3	m
2009-03-17	11:05:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		8.43	mg/l
2009-03-17	11:05:00	EDT	21SC60WQ_WQX-C-017	pH		6.64	None
2009-03-17	11:05:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		14.1	deg C
2009-04-07	11:15:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, to	Total	4.8	mg/l
2009-04-07	11:15:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.13	mg/l
2009-04-07	11:15:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen dem		2.9	mg/l
2009-04-07	11:15:00	EDT	21SC60WQ_WQX-C-017	Enterococcus		14.1	#/100ml
2009-04-07	11:15:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		101.4	#/100ml
2009-04-07	11:15:00	EDT	21SC60WQ_WQX-C-017	Fecal Coliform		95	#/100ml
2009-04-07	11:15:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.044	mg/l
2009-04-07	11:15:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.64	mg/l
2009-04-07	11:15:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.027	mg/l
2009-04-07	11:15:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	8.0	mg/l
2009-04-07	11:15:00	EDT	21SC60WQ_WQX-C-017	Turbidity		10	NTU
2009-04-07	11:15:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.684	mg/l
2009-04-07	11:15:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		7.94	mg/l
2009-04-07	11:15:00	EDT	21SC60WQ_WQX-C-017	pH		6.51	None
2009-04-07	11:15:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		13.7	deg C
2009-05-19	10:25:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, to	Total	9.6	mg/l
2009-05-19	10:25:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.099	mg/l
2009-05-19	10:25:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen dem		2.7	mg/l
2009-05-19	10:25:00	EDT	21SC60WQ_WQX-C-017	Cadmium	Total		
2009-05-19	10:25:00	EDT	21SC60WQ_WQX-C-017	Calcium	Total	5.4	mg/l
2009-05-19	10:25:00	EDT	21SC60WQ_WQX-C-017	Chromium	Total		
2009-05-19	10:25:00	EDT	21SC60WQ_WQX-C-017	Copper	Total		
2009-05-19	10:25:00	EDT	21SC60WQ_WQX-C-017	Enterococcus		613.1	#/100ml
2009-05-19	10:25:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		435.2	#/100ml
2009-05-19	10:25:00	EDT	21SC60WQ_WQX-C-017	Fecal Coliform		520	#/100ml
2009-05-19	10:25:00	EDT	21SC60WQ_WQX-C-017	Hardness, C	Total	17	mg/l
2009-05-19	10:25:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.038	mg/l
2009-05-19	10:25:00	EDT	21SC60WQ_WQX-C-017	Iron	Total	1.2	mg/l
2009-05-19	10:25:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.46	mg/l
2009-05-19	10:25:00	EDT	21SC60WQ_WQX-C-017	Lead	Total	0.0031	mg/l
2009-05-19	10:25:00	EDT	21SC60WQ_WQX-C-017	Magnesium	Total	0.93	mg/l
2009-05-19	10:25:00	EDT	21SC60WQ_WQX-C-017	Manganese	Total	0.051	mg/l
2009-05-19	10:25:00	EDT	21SC60WQ_WQX-C-017	Mercury	Total		
2009-05-19	10:25:00	EDT	21SC60WQ_WQX-C-017	Nickel	Total		
2009-05-19	10:25:00	EDT	21SC60WQ_WQX-C-017	Organic carl	Total	6.7	mg/l
2009-05-19	10:25:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.058	mg/l
2009-05-19	10:25:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	13	mg/l

2009-05-19	10:25:00	EDT	21SC60WQ_WQX-C-017	Turbidity		17	NTU
2009-05-19	10:25:00	EDT	21SC60WQ_WQX-C-017	Zinc	Total	0.016	mg/l
2009-05-19	10:25:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.498	mg/l
2009-05-19	10:25:00	EDT	21SC60WQ_WQX-C-017	Depth		0.3	m
2009-05-19	10:25:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		7.03	mg/l
2009-05-19	10:25:00	EDT	21SC60WQ_WQX-C-017	pH		6.55	None
2009-05-19	10:25:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		17.2	deg C
2009-06-23	10:45:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, to	Total	12	mg/l
2009-06-23	10:45:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.20	mg/l
2009-06-23	10:45:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen demand, standard conditions			
2009-06-23	10:45:00	EDT	21SC60WQ_WQX-C-017	Enterococcus		193.5	#/100ml
2009-06-23	10:45:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		125.2	#/100ml
2009-06-23	10:45:00	EDT	21SC60WQ_WQX-C-017	Fecal Coliform		160	#/100ml
2009-06-23	10:45:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.18	mg/l
2009-06-23	10:45:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.79	mg/l
2009-06-23	10:45:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.028	mg/l
2009-06-23	10:45:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	8.8	mg/l
2009-06-23	10:45:00	EDT	21SC60WQ_WQX-C-017	Turbidity		10	NTU
2009-06-23	10:45:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.97	mg/l
2009-06-23	10:45:00	EDT	21SC60WQ_WQX-C-017	Depth		0.3	m
2009-06-23	10:45:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		5.28	mg/l
2009-06-23	10:45:00	EDT	21SC60WQ_WQX-C-017	pH		6.59	None
2009-06-23	10:45:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		26.8	deg C
2009-07-29	10:35:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, to	Total	15	mg/l
2009-07-29	10:35:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.43	mg/l
2009-07-29	10:35:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen demand, standard conditions			
2009-07-29	10:35:00	EDT	21SC60WQ_WQX-C-017	Enterococcus		155.3	#/100ml
2009-07-29	10:35:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		147.6	#/100ml
2009-07-29	10:35:00	EDT	21SC60WQ_WQX-C-017	Fecal Coliform		190	#/100ml
2009-07-29	10:35:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.32	mg/l
2009-07-29	10:35:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.74	mg/l
2009-07-29	10:35:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.047	mg/l
2009-07-29	10:35:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	4.0	mg/l
2009-07-29	10:35:00	EDT	21SC60WQ_WQX-C-017	Turbidity		7.0	NTU
2009-07-29	10:35:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	1.06	mg/l
2009-07-29	10:35:00	EDT	21SC60WQ_WQX-C-017	Depth		0.3	m
2009-07-29	10:35:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		5.88	mg/l
2009-07-29	10:35:00	EDT	21SC60WQ_WQX-C-017	pH		6.61	None
2009-07-29	10:35:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		26.2	deg C
2009-08-19	10:15:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, to	Total	8.5	mg/l
2009-08-19	10:15:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.27	mg/l
2009-08-19	10:15:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen dem		2.8	mg/l
2009-08-19	10:15:00	EDT	21SC60WQ_WQX-C-017	Cadmium	Total	0.00052	mg/l
2009-08-19	10:15:00	EDT	21SC60WQ_WQX-C-017	Calcium	Total	4.2	mg/l
2009-08-19	10:15:00	EDT	21SC60WQ_WQX-C-017	Chromium	Total		
2009-08-19	10:15:00	EDT	21SC60WQ_WQX-C-017	Copper	Total		
2009-08-19	10:15:00	EDT	21SC60WQ_WQX-C-017	Enterococcus		254.7	#/100ml
2009-08-19	10:15:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		100.4	#/100ml
2009-08-19	10:15:00	EDT	21SC60WQ_WQX-C-017	Fecal Coliform		280	#/100ml
2009-08-19	10:15:00	EDT	21SC60WQ_WQX-C-017	Hardness, C	Total	14	mg/l
2009-08-19	10:15:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.78	mg/l
2009-08-19	10:15:00	EDT	21SC60WQ_WQX-C-017	Iron	Total	1.1	mg/l
2009-08-19	10:15:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.75	mg/l
2009-08-19	10:15:00	EDT	21SC60WQ_WQX-C-017	Lead	Total	0.0031	mg/l

2009-08-19	10:15:00	EDT	21SC60WQ_WQX-C-017	Magnesium	Total	0.91	mg/l
2009-08-19	10:15:00	EDT	21SC60WQ_WQX-C-017	Manganese	Total	0.060	mg/l
2009-08-19	10:15:00	EDT	21SC60WQ_WQX-C-017	Mercury	Total		
2009-08-19	10:15:00	EDT	21SC60WQ_WQX-C-017	Nickel	Total		
2009-08-19	10:15:00	EDT	21SC60WQ_WQX-C-017	Organic carl	Total	7.4	mg/l
2009-08-19	10:15:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.062	mg/l
2009-08-19	10:15:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	6.8	mg/l
2009-08-19	10:15:00	EDT	21SC60WQ_WQX-C-017	Turbidity		7.8	NTU
2009-08-19	10:15:00	EDT	21SC60WQ_WQX-C-017	Zinc	Total	0.022	mg/l
2009-08-19	10:15:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	1.53	mg/l
2009-08-19	10:15:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		5.54	mg/l
2009-08-19	10:15:00	EDT	21SC60WQ_WQX-C-017	pH		6.01	None
2009-08-19	10:15:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		26.5	deg C
2009-09-22	10:40:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	16	mg/l
2009-09-22	10:40:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.29	mg/l
2009-09-22	10:40:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen demand, standard conditions			
2009-09-22	10:40:00	EDT	21SC60WQ_WQX-C-017	Enterococcus		228.2	#/100ml
2009-09-22	10:40:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		129.2	#/100ml
2009-09-22	10:40:00	EDT	21SC60WQ_WQX-C-017	Fecal Coliform		150	#/100ml
2009-09-22	10:40:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.25	mg/l
2009-09-22	10:40:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.54	mg/l
2009-09-22	10:40:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.067	mg/l
2009-09-22	10:40:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	4.6	mg/l
2009-09-22	10:40:00	EDT	21SC60WQ_WQX-C-017	Turbidity		6.6	NTU
2009-09-22	10:40:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.79	mg/l
2009-09-22	10:40:00	EDT	21SC60WQ_WQX-C-017	Depth		0.3	m
2009-09-22	10:40:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		5.51	mg/l
2009-09-22	10:40:00	EDT	21SC60WQ_WQX-C-017	pH		5.80	None
2009-09-22	10:40:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		23.0	deg C
2009-12-15	10:55:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	9.2	mg/l
2009-12-15	10:55:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.20	mg/l
2009-12-15	10:55:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen dem		2.7	mg/l
2009-12-15	10:55:00	EDT	21SC60WQ_WQX-C-017	Cadmium	Total	0.00033	mg/l
2009-12-15	10:55:00	EDT	21SC60WQ_WQX-C-017	Calcium	Total	3.9	mg/l
2009-12-15	10:55:00	EDT	21SC60WQ_WQX-C-017	Chromium	Total		
2009-12-15	10:55:00	EDT	21SC60WQ_WQX-C-017	Copper	Total		
2009-12-15	10:55:00	EDT	21SC60WQ_WQX-C-017	Enterococcus		46.5	#/100ml
2009-12-15	10:55:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		85.2	#/100ml
2009-12-15	10:55:00	EDT	21SC60WQ_WQX-C-017	Fecal Coliform		68	#/100ml
2009-12-15	10:55:00	EDT	21SC60WQ_WQX-C-017	Hardness, C	Total	13	mg/l
2009-12-15	10:55:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.15	mg/l
2009-12-15	10:55:00	EDT	21SC60WQ_WQX-C-017	Iron	Total	0.89	mg/l
2009-12-15	10:55:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.48	mg/l
2009-12-15	10:55:00	EDT	21SC60WQ_WQX-C-017	Lead	Total	0.0024	mg/l
2009-12-15	10:55:00	EDT	21SC60WQ_WQX-C-017	Magnesium	Total	0.75	mg/l
2009-12-15	10:55:00	EDT	21SC60WQ_WQX-C-017	Manganese	Total	0.031	mg/l
2009-12-15	10:55:00	EDT	21SC60WQ_WQX-C-017	Mercury	Total		
2009-12-15	10:55:00	EDT	21SC60WQ_WQX-C-017	Nickel	Total		
2009-12-15	10:55:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.05	mg/l
2009-12-15	10:55:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	10	mg/l
2009-12-15	10:55:00	EDT	21SC60WQ_WQX-C-017	Turbidity		17	NTU
2009-12-15	10:55:00	EDT	21SC60WQ_WQX-C-017	Zinc	Total	0.016	mg/l
2009-12-15	10:55:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.63	mg/l
2009-12-15	10:55:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		10.19	mg/l

2009-12-15	10:55:00	EDT	21SC60WQ_WQX-C-017	pH		6.45	None
2009-12-15	10:55:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		11.6	deg C
2010-01-26	11:05:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, to	Total	6.7	mg/l
2010-01-26	11:05:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.15	mg/l
2010-01-26	11:05:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen dem		2.5	mg/l
2010-01-26	11:05:00	EDT	21SC60WQ_WQX-C-017	Cadmium	Total	0.00075	mg/l
2010-01-26	11:05:00	EDT	21SC60WQ_WQX-C-017	Chromium	Total		
2010-01-26	11:05:00	EDT	21SC60WQ_WQX-C-017	Copper	Total		
2010-01-26	11:05:00	EDT	21SC60WQ_WQX-C-017	Fecal Coliform		100	#/100ml
2010-01-26	11:05:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.19	mg/l
2010-01-26	11:05:00	EDT	21SC60WQ_WQX-C-017	Iron	Total	0.72	mg/l
2010-01-26	11:05:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.33	mg/l
2010-01-26	11:05:00	EDT	21SC60WQ_WQX-C-017	Lead	Total	0.0059	mg/l
2010-01-26	11:05:00	EDT	21SC60WQ_WQX-C-017	Manganese	Total	0.023	mg/l
2010-01-26	11:05:00	EDT	21SC60WQ_WQX-C-017	Mercury	Total		
2010-01-26	11:05:00	EDT	21SC60WQ_WQX-C-017	Nickel	Total		
2010-01-26	11:05:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.035	mg/l
2010-01-26	11:05:00	EDT	21SC60WQ_WQX-C-017	Turbidity		20	NTU
2010-01-26	11:05:00	EDT	21SC60WQ_WQX-C-017	Zinc	Total	0.026	mg/l
2010-01-26	11:05:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.52	mg/l
2010-01-26	11:05:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		9.78	mg/l
2010-01-26	11:05:00	EDT	21SC60WQ_WQX-C-017	pH		6.87	None
2010-01-26	11:05:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		10.3	deg C
2010-03-29	11:00:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, to	Total	8.3	mg/l
2010-03-29	11:00:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.22	mg/l
2010-03-29	11:00:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen dem		3.8	mg/l
2010-03-29	11:00:00	EDT	21SC60WQ_WQX-C-017	Fecal Coliform		1100	#/100ml
2010-03-29	11:00:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.19	mg/l
2010-03-29	11:00:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.25	mg/l
2010-03-29	11:00:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.067	mg/l
2010-03-29	11:00:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	26	mg/l
2010-03-29	11:00:00	EDT	21SC60WQ_WQX-C-017	Turbidity		29	NTU
2010-03-29	11:00:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.44	mg/l
2010-03-29	11:00:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		8.27	mg/l
2010-03-29	11:00:00	EDT	21SC60WQ_WQX-C-017	pH		6.95	None
2010-03-29	11:00:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		16.2	deg C
2010-05-05	11:55:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, to	Total	14	mg/l
2010-05-05	11:55:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.32	mg/l
2010-05-05	11:55:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen demand, standard conditions			
2010-05-05	11:55:00	EDT	21SC60WQ_WQX-C-017	Cadmium	Total		
2010-05-05	11:55:00	EDT	21SC60WQ_WQX-C-017	Chromium	Total		
2010-05-05	11:55:00	EDT	21SC60WQ_WQX-C-017	Copper	Total		
2010-05-05	11:55:00	EDT	21SC60WQ_WQX-C-017	Fecal Coliform		70	#/100ml
2010-05-05	11:55:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.10	mg/l
2010-05-05	11:55:00	EDT	21SC60WQ_WQX-C-017	Iron	Total	1.2	mg/l
2010-05-05	11:55:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.54	mg/l
2010-05-05	11:55:00	EDT	21SC60WQ_WQX-C-017	Lead	Total	0.0031	mg/l
2010-05-05	11:55:00	EDT	21SC60WQ_WQX-C-017	Manganese	Total	0.066	mg/l
2010-05-05	11:55:00	EDT	21SC60WQ_WQX-C-017	Mercury	Total		
2010-05-05	11:55:00	EDT	21SC60WQ_WQX-C-017	Nickel	Total		
2010-05-05	11:55:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.054	mg/l
2010-05-05	11:55:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	8.5	mg/l
2010-05-05	11:55:00	EDT	21SC60WQ_WQX-C-017	Turbidity		9.2	NTU
2010-05-05	11:55:00	EDT	21SC60WQ_WQX-C-017	Zinc	Total		

2010-05-05	11:55:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.64	mg/l
2010-05-05	11:55:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		6.68	mg/l
2010-05-05	11:55:00	EDT	21SC60WQ_WQX-C-017	pH		6.44	None
2010-05-05	11:55:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		22.6	deg C
2010-07-19	10:45:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, to	Total	4.7	mg/l
2010-07-19	10:45:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.43	mg/l
2010-07-19	10:45:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen dem		2.8	mg/l
2010-07-19	10:45:00	EDT	21SC60WQ_WQX-C-017	Cadmium	Total	0.00027	mg/l
2010-07-19	10:45:00	EDT	21SC60WQ_WQX-C-017	Chromium	Total		
2010-07-19	10:45:00	EDT	21SC60WQ_WQX-C-017	Copper	Total		
2010-07-19	10:45:00	EDT	21SC60WQ_WQX-C-017	Fecal Coliform		260	#/100ml
2010-07-19	10:45:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.34	mg/l
2010-07-19	10:45:00	EDT	21SC60WQ_WQX-C-017	Iron	Total	1.3	mg/l
2010-07-19	10:45:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.64	mg/l
2010-07-19	10:45:00	EDT	21SC60WQ_WQX-C-017	Lead	Total	0.0050	mg/l
2010-07-19	10:45:00	EDT	21SC60WQ_WQX-C-017	Manganese	Total	0.058	mg/l
2010-07-19	10:45:00	EDT	21SC60WQ_WQX-C-017	Mercury	Total		
2010-07-19	10:45:00	EDT	21SC60WQ_WQX-C-017	Nickel	Total		
2010-07-19	10:45:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.048	mg/l
2010-07-19	10:45:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	7.9	mg/l
2010-07-19	10:45:00	EDT	21SC60WQ_WQX-C-017	Turbidity		10	NTU
2010-07-19	10:45:00	EDT	21SC60WQ_WQX-C-017	Zinc	Total	0.026	mg/l
2010-07-19	10:45:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.98	mg/l
2010-07-19	10:45:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		5.76	mg/l
2010-07-19	10:45:00	EDT	21SC60WQ_WQX-C-017	pH		6.63	None
2010-07-19	10:45:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		27.8	deg C
2010-09-20	10:45:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, to	Total	2.4	mg/l
2010-09-20	10:45:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.37	mg/l
2010-09-20	10:45:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen demand, standard conditions			
2010-09-20	10:45:00	EDT	21SC60WQ_WQX-C-017	Fecal Coliform		170	#/100ml
2010-09-20	10:45:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.29	mg/l
2010-09-20	10:45:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.69	mg/l
2010-09-20	10:45:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.048	mg/l
2010-09-20	10:45:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	12	mg/l
2010-09-20	10:45:00	EDT	21SC60WQ_WQX-C-017	Turbidity		9.6	NTU
2010-09-20	10:45:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.98	mg/l
2010-09-20	10:45:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		5.83	mg/l
2010-09-20	10:45:00	EDT	21SC60WQ_WQX-C-017	pH		6.55	None
2010-09-20	10:45:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		24.4	deg C
2010-11-08	11:45:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, to	Total	9.1	mg/l
2010-11-08	11:45:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.20	mg/l
2010-11-08	11:45:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen dem		3.8	mg/l
2010-11-08	11:45:00	EDT	21SC60WQ_WQX-C-017	Cadmium	Total		
2010-11-08	11:45:00	EDT	21SC60WQ_WQX-C-017	Calcium	Total	3.4	mg/l
2010-11-08	11:45:00	EDT	21SC60WQ_WQX-C-017	Chromium	Total		
2010-11-08	11:45:00	EDT	21SC60WQ_WQX-C-017	Copper	Total		
2010-11-08	11:45:00	EDT	21SC60WQ_WQX-C-017	Fecal Coliform		350	#/100ml
2010-11-08	11:45:00	EDT	21SC60WQ_WQX-C-017	Hardness, C	Total	11	mg/l
2010-11-08	11:45:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.056	mg/l
2010-11-08	11:45:00	EDT	21SC60WQ_WQX-C-017	Iron	Total	0.90	mg/l
2010-11-08	11:45:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.60	mg/l
2010-11-08	11:45:00	EDT	21SC60WQ_WQX-C-017	Lead	Total	0.0037	mg/l
2010-11-08	11:45:00	EDT	21SC60WQ_WQX-C-017	Magnesium	Total	0.69	mg/l
2010-11-08	11:45:00	EDT	21SC60WQ_WQX-C-017	Manganese	Total	0.033	mg/l

2010-11-08	11:45:00	EDT	21SC60WQ_WQX-C-017	Mercury	Total		
2010-11-08	11:45:00	EDT	21SC60WQ_WQX-C-017	Nickel	Total		
2010-11-08	11:45:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.040	mg/l
2010-11-08	11:45:00	EDT	21SC60WQ_WQX-C-017	Turbidity		11	NTU
2010-11-08	11:45:00	EDT	21SC60WQ_WQX-C-017	Zinc	Total	0.016	mg/l
2010-11-08	11:45:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.656	mg/l
2010-11-08	11:45:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		9.48	mg/l
2010-11-08	11:45:00	EDT	21SC60WQ_WQX-C-017	pH		6.89	None
2010-11-08	11:45:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		11.2	deg C
2011-01-27	11:35:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, to	Total	8.7	mg/l
2011-01-27	11:35:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.29	mg/l
2011-01-27	11:35:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen demand, standard conditions			
2011-01-27	11:35:00	EDT	21SC60WQ_WQX-C-017	Cadmium	Total		
2011-01-27	11:35:00	EDT	21SC60WQ_WQX-C-017	Chromium	Total		
2011-01-27	11:35:00	EDT	21SC60WQ_WQX-C-017	Copper	Total		
2011-01-27	11:35:00	EDT	21SC60WQ_WQX-C-017	Fecal Coliform		66	#/100ml
2011-01-27	11:35:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.24	mg/l
2011-01-27	11:35:00	EDT	21SC60WQ_WQX-C-017	Iron	Total	0.70	mg/l
2011-01-27	11:35:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.74	mg/l
2011-01-27	11:35:00	EDT	21SC60WQ_WQX-C-017	Lead	Total	0.0022	mg/l
2011-01-27	11:35:00	EDT	21SC60WQ_WQX-C-017	Manganese	Total	0.037	mg/l
2011-01-27	11:35:00	EDT	21SC60WQ_WQX-C-017	Mercury	Total		
2011-01-27	11:35:00	EDT	21SC60WQ_WQX-C-017	Nickel	Total		
2011-01-27	11:35:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.039	mg/l
2011-01-27	11:35:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	4.0	mg/l
2011-01-27	11:35:00	EDT	21SC60WQ_WQX-C-017	Turbidity		6.4	NTU
2011-01-27	11:35:00	EDT	21SC60WQ_WQX-C-017	Zinc	Total	0.013	mg/l
2011-01-27	11:35:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.98	mg/l
2011-01-27	11:35:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		11.04	mg/l
2011-01-27	11:35:00	EDT	21SC60WQ_WQX-C-017	pH		6.88	None
2011-01-27	11:35:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		6.4	deg C
2011-03-31	11:50:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, to	Total	7.6	mg/l
2011-03-31	11:50:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.18	mg/l
2011-03-31	11:50:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen dem		2.2	mg/l
2011-03-31	11:50:00	EDT	21SC60WQ_WQX-C-017	Fecal Coliform		250	#/100ml
2011-03-31	11:50:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.12	mg/l
2011-03-31	11:50:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	1.1	mg/l
2011-03-31	11:50:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.054	mg/l
2011-03-31	11:50:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	10	mg/l
2011-03-31	11:50:00	EDT	21SC60WQ_WQX-C-017	Turbidity		14	NTU
2011-03-31	11:50:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	1.22	mg/l
2011-03-31	11:50:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		7.77	mg/l
2011-03-31	11:50:00	EDT	21SC60WQ_WQX-C-017	pH		6.46	None
2011-03-31	11:50:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		13.1	deg C
2011-05-11	10:40:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, to	Total	8.8	mg/l
2011-05-11	10:40:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.45	mg/l
2011-05-11	10:40:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen dem		5.4	mg/l
2011-05-11	10:40:00	EDT	21SC60WQ_WQX-C-017	Cadmium	Total		
2011-05-11	10:40:00	EDT	21SC60WQ_WQX-C-017	Chromium	Total		
2011-05-11	10:40:00	EDT	21SC60WQ_WQX-C-017	Copper	Total		
2011-05-11	10:40:00	EDT	21SC60WQ_WQX-C-017	Fecal Coliform		2400	#/100ml
2011-05-11	10:40:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.28	mg/l
2011-05-11	10:40:00	EDT	21SC60WQ_WQX-C-017	Iron	Total	1.4	mg/l
2011-05-11	10:40:00	EDT	21SC60WQ_WQX-C-017	Lead	Total	0.0047	mg/l

2011-05-11	10:40:00	EDT	21SC60WQ_WQX-C-017	Manganese	Total	0.084	mg/l
2011-05-11	10:40:00	EDT	21SC60WQ_WQX-C-017	Mercury	Total		
2011-05-11	10:40:00	EDT	21SC60WQ_WQX-C-017	Nickel	Total		
2011-05-11	10:40:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.088	mg/l
2011-05-11	10:40:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	20	mg/l
2011-05-11	10:40:00	EDT	21SC60WQ_WQX-C-017	Turbidity		24	NTU
2011-05-11	10:40:00	EDT	21SC60WQ_WQX-C-017	Zinc	Total	0.082	mg/l
2011-05-11	10:40:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		5.74	mg/l
2011-05-11	10:40:00	EDT	21SC60WQ_WQX-C-017	pH		6.43	None
2011-05-11	10:40:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		22.6	deg C
2011-07-05	11:40:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, to	Total	22	mg/l
2011-07-05	11:40:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.51	mg/l
2011-07-05	11:40:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen dem		2.2	mg/l
2011-07-05	11:40:00	EDT	21SC60WQ_WQX-C-017	Cadmium	Total		
2011-07-05	11:40:00	EDT	21SC60WQ_WQX-C-017	Chromium	Total		
2011-07-05	11:40:00	EDT	21SC60WQ_WQX-C-017	Copper	Total		
2011-07-05	11:40:00	EDT	21SC60WQ_WQX-C-017	Fecal Coliform		160	#/100ml
2011-07-05	11:40:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.42	mg/l
2011-07-05	11:40:00	EDT	21SC60WQ_WQX-C-017	Iron	Total	1.5	mg/l
2011-07-05	11:40:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.92	mg/l
2011-07-05	11:40:00	EDT	21SC60WQ_WQX-C-017	Lead	Total	0.0023	mg/l
2011-07-05	11:40:00	EDT	21SC60WQ_WQX-C-017	Manganese	Total	0.13	mg/l
2011-07-05	11:40:00	EDT	21SC60WQ_WQX-C-017	Mercury	Total		
2011-07-05	11:40:00	EDT	21SC60WQ_WQX-C-017	Nickel	Total		
2011-07-05	11:40:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.063	mg/l
2011-07-05	11:40:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	4.0	mg/l
2011-07-05	11:40:00	EDT	21SC60WQ_WQX-C-017	Turbidity		5.3	NTU
2011-07-05	11:40:00	EDT	21SC60WQ_WQX-C-017	Zinc	Total	0.014	mg/l
2011-07-05	11:40:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	1.34	mg/l
2011-07-05	11:40:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		5.51	mg/l
2011-07-05	11:40:00	EDT	21SC60WQ_WQX-C-017	pH		6.74	None
2011-07-05	11:40:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		26.8	deg C
2011-09-13	12:05:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, to	Total	25	mg/l
2011-09-13	12:05:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.47	mg/l
2011-09-13	12:05:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen dem		2.8	mg/l
2011-09-13	12:05:00	EDT	21SC60WQ_WQX-C-017	Fecal Coliform		160	#/100ml
2011-09-13	12:05:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.47	mg/l
2011-09-13	12:05:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	1.4	mg/l
2011-09-13	12:05:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.065	mg/l
2011-09-13	12:05:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	8.0	mg/l
2011-09-13	12:05:00	EDT	21SC60WQ_WQX-C-017	Turbidity		8.9	NTU
2011-09-13	12:05:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	1.87	mg/l
2011-09-13	12:05:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		5.98	mg/l
2011-09-13	12:05:00	EDT	21SC60WQ_WQX-C-017	pH		6.94	None
2011-09-13	12:05:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		23.8	deg C
2011-11-15	11:40:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, to	Total	14	mg/l
2011-11-15	11:40:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.28	mg/l
2011-11-15	11:40:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen dem		3.5	mg/l
2011-11-15	11:40:00	EDT	21SC60WQ_WQX-C-017	Cadmium	Total		
2011-11-15	11:40:00	EDT	21SC60WQ_WQX-C-017	Calcium	Total	5.1	mg/l
2011-11-15	11:40:00	EDT	21SC60WQ_WQX-C-017	Chromium	Total		
2011-11-15	11:40:00	EDT	21SC60WQ_WQX-C-017	Copper	Total		
2011-11-15	11:40:00	EDT	21SC60WQ_WQX-C-017	Fecal Coliform		220	#/100ml
2011-11-15	11:40:00	EDT	21SC60WQ_WQX-C-017	Hardness, C	Total	17	mg/l

2011-11-15	11:40:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.099	mg/l
2011-11-15	11:40:00	EDT	21SC60WQ_WQX-C-017	Iron	Total	1.1	mg/l
2011-11-15	11:40:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	1.0	mg/l
2011-11-15	11:40:00	EDT	21SC60WQ_WQX-C-017	Lead	Total	0.0022	mg/l
2011-11-15	11:40:00	EDT	21SC60WQ_WQX-C-017	Magnesium	Total	0.96	mg/l
2011-11-15	11:40:00	EDT	21SC60WQ_WQX-C-017	Manganese	Total	0.053	mg/l
2011-11-15	11:40:00	EDT	21SC60WQ_WQX-C-017	Mercury	Total		
2011-11-15	11:40:00	EDT	21SC60WQ_WQX-C-017	Nickel	Total		
2011-11-15	11:40:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.042	mg/l
2011-11-15	11:40:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	19	mg/l
2011-11-15	11:40:00	EDT	21SC60WQ_WQX-C-017	Turbidity		8.6	NTU
2011-11-15	11:40:00	EDT	21SC60WQ_WQX-C-017	Zinc	Total	0.032	mg/l
2011-11-15	11:40:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	1.099	mg/l
2011-11-15	11:40:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		7.99	mg/l
2011-11-15	11:40:00	EDT	21SC60WQ_WQX-C-017	pH		6.94	None
2011-11-15	11:40:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		16.3	deg C
2012-01-03	11:05:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	5.4	mg/l
2012-01-03	11:05:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.18	mg/l
2012-01-03	11:05:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen dem		2.5	mg/l
2012-01-03	11:05:00	EDT	21SC60WQ_WQX-C-017	Cadmium	Total		
2012-01-03	11:05:00	EDT	21SC60WQ_WQX-C-017	Chromium	Total		
2012-01-03	11:05:00	EDT	21SC60WQ_WQX-C-017	Copper	Total		
2012-01-03	11:05:00	EDT	21SC60WQ_WQX-C-017	Fecal Coliform		77	#/100ml
2012-01-03	11:05:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.12	mg/l
2012-01-03	11:05:00	EDT	21SC60WQ_WQX-C-017	Iron	Total	1.0	mg/l
2012-01-03	11:05:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	1.1	mg/l
2012-01-03	11:05:00	EDT	21SC60WQ_WQX-C-017	Lead	Total		
2012-01-03	11:05:00	EDT	21SC60WQ_WQX-C-017	Manganese	Total	0.032	mg/l
2012-01-03	11:05:00	EDT	21SC60WQ_WQX-C-017	Mercury	Total		
2012-01-03	11:05:00	EDT	21SC60WQ_WQX-C-017	Nickel	Total		
2012-01-03	11:05:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.037	mg/l
2012-01-03	11:05:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	5.4	mg/l
2012-01-03	11:05:00	EDT	21SC60WQ_WQX-C-017	Turbidity		8.5	NTU
2012-01-03	11:05:00	EDT	21SC60WQ_WQX-C-017	Zinc	Total	0.028	mg/l
2012-01-03	11:05:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	1.22	mg/l
2012-01-03	11:05:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		10.62	mg/l
2012-01-03	11:05:00	EDT	21SC60WQ_WQX-C-017	pH		6.45	None
2012-01-03	11:05:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		6.3	deg C
2012-03-20	11:10:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	11	mg/l
2012-03-20	11:10:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.18	mg/l
2012-03-20	11:10:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen dem		2.5	mg/l
2012-03-20	11:10:00	EDT	21SC60WQ_WQX-C-017	Fecal Coliform		72	#/100ml
2012-03-20	11:10:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.099	mg/l
2012-03-20	11:10:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.89	mg/l
2012-03-20	11:10:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.048	mg/l
2012-03-20	11:10:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	6.6	mg/l
2012-03-20	11:10:00	EDT	21SC60WQ_WQX-C-017	Turbidity		8.8	NTU
2012-03-20	11:10:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.989	mg/l
2012-03-20	11:10:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		6.54	mg/l
2012-03-20	11:10:00	EDT	21SC60WQ_WQX-C-017	pH		6.75	None
2012-03-20	11:10:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		20.5	deg C
2012-05-07	12:10:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	15	mg/l
2012-05-07	12:10:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total		
2012-05-07	12:10:00	EDT	21SC60WQ_WQX-C-017	Arsenic	Total		

2012-05-07	12:10:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen dem		2.8	mg/l
2012-05-07	12:10:00	EDT	21SC60WQ_WQX-C-017	Cadmium	Total		
2012-05-07	12:10:00	EDT	21SC60WQ_WQX-C-017	Calcium	Total	4.8	mg/l
2012-05-07	12:10:00	EDT	21SC60WQ_WQX-C-017	Chromium	Total		
2012-05-07	12:10:00	EDT	21SC60WQ_WQX-C-017	Copper	Total		
2012-05-07	12:10:00	EDT	21SC60WQ_WQX-C-017	Fecal Coliform		480	#/100ml
2012-05-07	12:10:00	EDT	21SC60WQ_WQX-C-017	Hardness, C	Total	16	mg/l
2012-05-07	12:10:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.12	mg/l
2012-05-07	12:10:00	EDT	21SC60WQ_WQX-C-017	Iron	Total	1.4	mg/l
2012-05-07	12:10:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	1.3	mg/l
2012-05-07	12:10:00	EDT	21SC60WQ_WQX-C-017	Magnesium	Total	0.96	mg/l
2012-05-07	12:10:00	EDT	21SC60WQ_WQX-C-017	Manganese	Total	0.079	mg/l
2012-05-07	12:10:00	EDT	21SC60WQ_WQX-C-017	Mercury	Total		
2012-05-07	12:10:00	EDT	21SC60WQ_WQX-C-017	Nickel	Total		
2012-05-07	12:10:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.052	mg/l
2012-05-07	12:10:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	7.1	mg/l
2012-05-07	12:10:00	EDT	21SC60WQ_WQX-C-017	Turbidity		8.8	NTU
2012-05-07	12:10:00	EDT	21SC60WQ_WQX-C-017	Zinc	Total	0.016	mg/l
2012-05-07	12:10:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	1.42	mg/l
2012-05-07	12:10:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		5.85	mg/l
2012-05-07	12:10:00	EDT	21SC60WQ_WQX-C-017	pH		6.55	None
2012-05-07	12:10:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		23.3	deg C
2012-07-16	13:05:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, to	Total	11	mg/l
2012-07-16	13:05:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.24	mg/l
2012-07-16	13:05:00	EDT	21SC60WQ_WQX-C-017	Arsenic	Total		
2012-07-16	13:05:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen dem		2.8	mg/l
2012-07-16	13:05:00	EDT	21SC60WQ_WQX-C-017	Cadmium	Total		
2012-07-16	13:05:00	EDT	21SC60WQ_WQX-C-017	Calcium	Total	4.7	mg/l
2012-07-16	13:05:00	EDT	21SC60WQ_WQX-C-017	Chromium	Total		
2012-07-16	13:05:00	EDT	21SC60WQ_WQX-C-017	Copper	Total		
2012-07-16	13:05:00	EDT	21SC60WQ_WQX-C-017	Fecal Coliform		340	#/100ml
2012-07-16	13:05:00	EDT	21SC60WQ_WQX-C-017	Hardness, C	Total	15	mg/l
2012-07-16	13:05:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.16	mg/l
2012-07-16	13:05:00	EDT	21SC60WQ_WQX-C-017	Iron	Total	1.2	mg/l
2012-07-16	13:05:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.90	mg/l
2012-07-16	13:05:00	EDT	21SC60WQ_WQX-C-017	Magnesium	Total	0.86	mg/l
2012-07-16	13:05:00	EDT	21SC60WQ_WQX-C-017	Manganese	Total	0.045	mg/l
2012-07-16	13:05:00	EDT	21SC60WQ_WQX-C-017	Mercury	Total		
2012-07-16	13:05:00	EDT	21SC60WQ_WQX-C-017	Nickel	Total		
2012-07-16	13:05:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.045	mg/l
2012-07-16	13:05:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	8.9	mg/l
2012-07-16	13:05:00	EDT	21SC60WQ_WQX-C-017	Turbidity		10	NTU
2012-07-16	13:05:00	EDT	21SC60WQ_WQX-C-017	Zinc	Total	0.021	mg/l
2012-07-16	13:05:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	1.06	mg/l
2012-07-16	13:05:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		5.97	mg/l
2012-07-16	13:05:00	EDT	21SC60WQ_WQX-C-017	pH		6.79	None
2012-07-16	13:05:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		28.1	deg C
2012-09-10	12:10:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, to	Total	12	mg/l
2012-09-10	12:10:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.24	mg/l
2012-09-10	12:10:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen dem		3.2	mg/l
2012-09-10	12:10:00	EDT	21SC60WQ_WQX-C-017	Fecal Coliform		570	#/100ml
2012-09-10	12:10:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.073	mg/l
2012-09-10	12:10:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.28	mg/l
2012-09-10	12:10:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.032	mg/l

2012-09-10	12:10:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	9.7	mg/l
2012-09-10	12:10:00	EDT	21SC60WQ_WQX-C-017	Turbidity		12	NTU
2012-09-10	12:10:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.353	mg/l
2012-09-10	12:10:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		6.10	mg/l
2012-09-10	12:10:00	EDT	21SC60WQ_WQX-C-017	pH		6.75	None
2012-09-10	12:10:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		24.0	deg C
2012-11-06	11:35:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, to	Total	18	mg/l
2012-11-06	11:35:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.17	mg/l
2012-11-06	11:35:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen dem		3.0	mg/l
2012-11-06	11:35:00	EDT	21SC60WQ_WQX-C-017	Cadmium	Total		
2012-11-06	11:35:00	EDT	21SC60WQ_WQX-C-017	Calcium	Total	5.7	mg/l
2012-11-06	11:35:00	EDT	21SC60WQ_WQX-C-017	Chromium	Total		
2012-11-06	11:35:00	EDT	21SC60WQ_WQX-C-017	Copper	Total		
2012-11-06	11:35:00	EDT	21SC60WQ_WQX-C-017	Fecal Coliform		130	#/100ml
2012-11-06	11:35:00	EDT	21SC60WQ_WQX-C-017	Hardness, C	Total	19	mg/l
2012-11-06	11:35:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.11	mg/l
2012-11-06	11:35:00	EDT	21SC60WQ_WQX-C-017	Iron	Total	1.4	mg/l
2012-11-06	11:35:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.31	mg/l
2012-11-06	11:35:00	EDT	21SC60WQ_WQX-C-017	Lead	Total		
2012-11-06	11:35:00	EDT	21SC60WQ_WQX-C-017	Magnesium	Total	1.1	mg/l
2012-11-06	11:35:00	EDT	21SC60WQ_WQX-C-017	Manganese	Total	0.065	mg/l
2012-11-06	11:35:00	EDT	21SC60WQ_WQX-C-017	Mercury	Total		
2012-11-06	11:35:00	EDT	21SC60WQ_WQX-C-017	Nickel	Total		
2012-11-06	11:35:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.042	mg/l
2012-11-06	11:35:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	5.0	mg/l
2012-11-06	11:35:00	EDT	21SC60WQ_WQX-C-017	Turbidity		8.0	NTU
2012-11-06	11:35:00	EDT	21SC60WQ_WQX-C-017	Zinc	Total		
2012-11-06	11:35:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.42	mg/l
2012-11-06	11:35:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		7.20	mg/l
2012-11-06	11:35:00	EDT	21SC60WQ_WQX-C-017	pH		6.97	None
2012-11-06	11:35:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		12.6	deg C
2013-02-21	09:40:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, to	Total	4.6	mg/l
2013-02-21	09:40:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.19	mg/l
2013-02-21	09:40:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen dem		2.8	mg/l
2013-02-21	09:40:00	EDT	21SC60WQ_WQX-C-017	Cadmium	Total		
2013-02-21	09:40:00	EDT	21SC60WQ_WQX-C-017	Chromium	Total		
2013-02-21	09:40:00	EDT	21SC60WQ_WQX-C-017	Copper	Total		
2013-02-21	09:40:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		101.4	#/100ml
2013-02-21	09:40:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.20	mg/l
2013-02-21	09:40:00	EDT	21SC60WQ_WQX-C-017	Iron	Total	0.80	mg/l
2013-02-21	09:40:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.88	mg/l
2013-02-21	09:40:00	EDT	21SC60WQ_WQX-C-017	Lead	Total	0.0024	mg/l
2013-02-21	09:40:00	EDT	21SC60WQ_WQX-C-017	Manganese	Total	0.028	mg/l
2013-02-21	09:40:00	EDT	21SC60WQ_WQX-C-017	Mercury	Total		
2013-02-21	09:40:00	EDT	21SC60WQ_WQX-C-017	Nickel	Total		
2013-02-21	09:40:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.046	mg/l
2013-02-21	09:40:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	9.5	mg/l
2013-02-21	09:40:00	EDT	21SC60WQ_WQX-C-017	Turbidity		14	NTU
2013-02-21	09:40:00	EDT	21SC60WQ_WQX-C-017	Zinc	Total	0.016	mg/l
2013-02-21	09:40:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	1.08	mg/l
2013-02-21	09:40:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		11.21	mg/l
2013-02-21	09:40:00	EDT	21SC60WQ_WQX-C-017	pH		7.18	None
2013-02-21	09:40:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		8.0	deg C
2013-04-30	10:20:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, to	Total	8.0	mg/l

2013-04-30	10:20:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.056	mg/l
2013-04-30	10:20:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen dem		2.3	mg/l
2013-04-30	10:20:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		1119.9	#/100ml
2013-04-30	10:20:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.059	mg/l
2013-04-30	10:20:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	1.1	mg/l
2013-04-30	10:20:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.033	mg/l
2013-04-30	10:20:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	10	mg/l
2013-04-30	10:20:00	EDT	21SC60WQ_WQX-C-017	Turbidity		14	NTU
2013-04-30	10:20:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	1.159	mg/l
2013-04-30	10:20:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		6.25	mg/l
2013-04-30	10:20:00	EDT	21SC60WQ_WQX-C-017	pH		6.59	None
2013-04-30	10:20:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		19.7	deg C
2013-06-27	09:10:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, to	Total	5.2	mg/l
2013-06-27	09:10:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.096	mg/l
2013-06-27	09:10:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen dem		2.3	mg/l
2013-06-27	09:10:00	EDT	21SC60WQ_WQX-C-017	Cadmium	Total	0.00018	mg/l
2013-06-27	09:10:00	EDT	21SC60WQ_WQX-C-017	Chromium	Total		
2013-06-27	09:10:00	EDT	21SC60WQ_WQX-C-017	Copper	Total		
2013-06-27	09:10:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		387.3	#/100ml
2013-06-27	09:10:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.85	mg/l
2013-06-27	09:10:00	EDT	21SC60WQ_WQX-C-017	Iron	Total	0.98	mg/l
2013-06-27	09:10:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	1.2	mg/l
2013-06-27	09:10:00	EDT	21SC60WQ_WQX-C-017	Lead	Total	0.0045	mg/l
2013-06-27	09:10:00	EDT	21SC60WQ_WQX-C-017	Manganese	Total	0.028	mg/l
2013-06-27	09:10:00	EDT	21SC60WQ_WQX-C-017	Mercury	Total		
2013-06-27	09:10:00	EDT	21SC60WQ_WQX-C-017	Nickel	Total		
2013-06-27	09:10:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.048	mg/l
2013-06-27	09:10:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	12	mg/l
2013-06-27	09:10:00	EDT	21SC60WQ_WQX-C-017	Turbidity		14	NTU
2013-06-27	09:10:00	EDT	21SC60WQ_WQX-C-017	Zinc	Total	0.039	mg/l
2013-06-27	09:10:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	2.05	mg/l
2013-06-27	09:10:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		5.19	mg/l
2013-06-27	09:10:00	EDT	21SC60WQ_WQX-C-017	pH		6.52	None
2013-06-27	09:10:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		26.2	deg C
2013-08-01	10:15:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, to	Total	16	mg/l
2013-08-01	10:15:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.48	mg/l
2013-08-01	10:15:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen dem		2.5	mg/l
2013-08-01	10:15:00	EDT	21SC60WQ_WQX-C-017	Cadmium	Total		
2013-08-01	10:15:00	EDT	21SC60WQ_WQX-C-017	Chromium	Total		
2013-08-01	10:15:00	EDT	21SC60WQ_WQX-C-017	Copper	Total		
2013-08-01	10:15:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		60.9	#/100ml
2013-08-01	10:15:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.18	mg/l
2013-08-01	10:15:00	EDT	21SC60WQ_WQX-C-017	Iron	Total	2.7	mg/l
2013-08-01	10:15:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	1.6	mg/l
2013-08-01	10:15:00	EDT	21SC60WQ_WQX-C-017	Lead	Total	0.0038	mg/l
2013-08-01	10:15:00	EDT	21SC60WQ_WQX-C-017	Manganese	Total	0.24	mg/l
2013-08-01	10:15:00	EDT	21SC60WQ_WQX-C-017	Mercury	Total		
2013-08-01	10:15:00	EDT	21SC60WQ_WQX-C-017	Nickel	Total		
2013-08-01	10:15:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.068	mg/l
2013-08-01	10:15:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	8.4	mg/l
2013-08-01	10:15:00	EDT	21SC60WQ_WQX-C-017	Turbidity		11	NTU
2013-08-01	10:15:00	EDT	21SC60WQ_WQX-C-017	Zinc	Total	0.052	mg/l
2013-08-01	10:15:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	1.78	mg/l
2013-08-01	10:15:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		4.63	mg/l

2013-08-01	10:15:00	EDT	21SC60WQ_WQX-C-017	pH		6.60	None
2013-08-01	10:15:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		26.6	deg C
2013-10-03	09:59:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	11	mg/l
2013-10-03	09:59:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.16	mg/l
2013-10-03	09:59:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen dem		2.4	mg/l
2013-10-03	09:59:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		193.5	#/100ml
2013-10-03	09:59:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.17	mg/l
2013-10-03	09:59:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.85	mg/l
2013-10-03	09:59:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.031	mg/l
2013-10-03	09:59:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	7.4	mg/l
2013-10-03	09:59:00	EDT	21SC60WQ_WQX-C-017	Turbidity		9.2	NTU
2013-10-03	09:59:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	1.02	mg/l
2013-10-03	09:59:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		6.56	mg/l
2013-10-03	09:59:00	EDT	21SC60WQ_WQX-C-017	pH		6.80	None
2013-10-03	09:59:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		25.8	deg C
2013-12-05	09:18:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	0.0	mg/l
2013-12-05	09:18:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.072	mg/l
2013-12-05	09:18:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen dem		3.2	mg/l
2013-12-05	09:18:00	EDT	21SC60WQ_WQX-C-017	Cadmium	Total		
2013-12-05	09:18:00	EDT	21SC60WQ_WQX-C-017	Chromium	Total		
2013-12-05	09:18:00	EDT	21SC60WQ_WQX-C-017	Copper	Total		
2013-12-05	09:18:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		307.6	#/100ml
2013-12-05	09:18:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.074	mg/l
2013-12-05	09:18:00	EDT	21SC60WQ_WQX-C-017	Iron	Total	0.82	mg/l
2013-12-05	09:18:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.44	mg/l
2013-12-05	09:18:00	EDT	21SC60WQ_WQX-C-017	Lead	Total	0.0023	mg/l
2013-12-05	09:18:00	EDT	21SC60WQ_WQX-C-017	Manganese	Total	0.035	mg/l
2013-12-05	09:18:00	EDT	21SC60WQ_WQX-C-017	Mercury	Total		
2013-12-05	09:18:00	EDT	21SC60WQ_WQX-C-017	Nickel	Total		
2013-12-05	09:18:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total		
2013-12-05	09:18:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	9.8	mg/l
2013-12-05	09:18:00	EDT	21SC60WQ_WQX-C-017	Turbidity		10	NTU
2013-12-05	09:18:00	EDT	21SC60WQ_WQX-C-017	Zinc	Total	0.039	mg/l
2013-12-05	09:18:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.514	mg/l
2013-12-05	09:18:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		8.82	mg/l
2013-12-05	09:18:00	EDT	21SC60WQ_WQX-C-017	pH		6.97	None
2013-12-05	09:18:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		13.3	deg C
2014-02-18	10:20:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	7.2	mg/l
2014-02-18	10:20:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.10	mg/l
2014-02-18	10:20:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen demand, standard conditions			
2014-02-18	10:20:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		98.7	#/100ml
2014-02-18	10:20:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.21	mg/l
2014-02-18	10:20:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.97	mg/l
2014-02-18	10:20:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.025	mg/l
2014-02-18	10:20:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	6.7	mg/l
2014-02-18	10:20:00	EDT	21SC60WQ_WQX-C-017	Turbidity		9.0	NTU
2014-02-18	10:20:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	1.18	mg/l
2014-02-18	10:20:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		11.67	mg/l
2014-02-18	10:20:00	EDT	21SC60WQ_WQX-C-017	pH		6.85	None
2014-02-18	10:20:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		9.9	deg C
2014-04-09	10:05:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	9.6	mg/l
2014-04-09	10:05:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.21	mg/l
2014-04-09	10:05:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen dem		3.0	mg/l
2014-04-09	10:05:00	EDT	21SC60WQ_WQX-C-017	Cadmium	Total		

2014-04-09	10:05:00	EDT	21SC60WQ_WQX-C-017	Chromium	Total		
2014-04-09	10:05:00	EDT	21SC60WQ_WQX-C-017	Copper	Total		
2014-04-09	10:05:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		204.6	#/100ml
2014-04-09	10:05:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.12	mg/l
2014-04-09	10:05:00	EDT	21SC60WQ_WQX-C-017	Iron	Total	1.1	mg/l
2014-04-09	10:05:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.73	mg/l
2014-04-09	10:05:00	EDT	21SC60WQ_WQX-C-017	Lead	Total	0.0025	mg/l
2014-04-09	10:05:00	EDT	21SC60WQ_WQX-C-017	Manganese	Total	0.049	mg/l
2014-04-09	10:05:00	EDT	21SC60WQ_WQX-C-017	Mercury	Total		
2014-04-09	10:05:00	EDT	21SC60WQ_WQX-C-017	Nickel	Total		
2014-04-09	10:05:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.032	mg/l
2014-04-09	10:05:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	12	mg/l
2014-04-09	10:05:00	EDT	21SC60WQ_WQX-C-017	Turbidity		12	NTU
2014-04-09	10:05:00	EDT	21SC60WQ_WQX-C-017	Zinc	Total	0.024	mg/l
2014-04-09	10:05:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.85	mg/l
2014-04-09	10:05:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		8.10	mg/l
2014-04-09	10:05:00	EDT	21SC60WQ_WQX-C-017	pH		7.13	None
2014-04-09	10:05:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		15.8	deg C
2014-06-19	09:45:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	11	mg/l
2014-06-19	09:45:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.29	mg/l
2014-06-19	09:45:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen dem		3.6	mg/l
2014-06-19	09:45:00	EDT	21SC60WQ_WQX-C-017	Cadmium	Total	0.0011	mg/l
2014-06-19	09:45:00	EDT	21SC60WQ_WQX-C-017	Chromium	Total		
2014-06-19	09:45:00	EDT	21SC60WQ_WQX-C-017	Copper	Total		
2014-06-19	09:45:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		172.2	#/100ml
2014-06-19	09:45:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.22	mg/l
2014-06-19	09:45:00	EDT	21SC60WQ_WQX-C-017	Iron	Total	1.5	mg/l
2014-06-19	09:45:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.86	mg/l
2014-06-19	09:45:00	EDT	21SC60WQ_WQX-C-017	Lead	Total	0.0029	mg/l
2014-06-19	09:45:00	EDT	21SC60WQ_WQX-C-017	Manganese	Total	0.067	mg/l
2014-06-19	09:45:00	EDT	21SC60WQ_WQX-C-017	Mercury	Total		
2014-06-19	09:45:00	EDT	21SC60WQ_WQX-C-017	Nickel	Total		
2014-06-19	09:45:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.046	mg/l
2014-06-19	09:45:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	5.5	mg/l
2014-06-19	09:45:00	EDT	21SC60WQ_WQX-C-017	Turbidity		7.7	NTU
2014-06-19	09:45:00	EDT	21SC60WQ_WQX-C-017	Zinc	Total	0.021	mg/l
2014-06-19	09:45:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	1.08	mg/l
2014-06-19	09:45:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		5.28	mg/l
2014-06-19	09:45:00	EDT	21SC60WQ_WQX-C-017	pH		6.80	None
2014-06-19	09:45:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		26.4	deg C
2014-08-21	09:07:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	12	mg/l
2014-08-21	09:07:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.24	mg/l
2014-08-21	09:07:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen demand, standard conditions			
2014-08-21	09:07:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		88.2	#/100ml
2014-08-21	09:07:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.15	mg/l
2014-08-21	09:07:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.50	mg/l
2014-08-21	09:07:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.067	mg/l
2014-08-21	09:07:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	5.7	mg/l
2014-08-21	09:07:00	EDT	21SC60WQ_WQX-C-017	Turbidity		7.5	NTU
2014-08-21	09:07:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.65	mg/l
2014-08-21	09:07:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		4.98	mg/l
2014-08-21	09:07:00	EDT	21SC60WQ_WQX-C-017	pH		6.64	None
2014-08-21	09:07:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		27.0	deg C
2014-10-09	09:32:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	9.4	mg/l

2014-10-09	09:32:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.19	mg/l
2014-10-09	09:32:00	EDT	21SC60WQ_WQX-C-017	Biochemical	oxygen dem	2.1	mg/l
2014-10-09	09:32:00	EDT	21SC60WQ_WQX-C-017	Cadmium	Total		
2014-10-09	09:32:00	EDT	21SC60WQ_WQX-C-017	Chromium	Total		
2014-10-09	09:32:00	EDT	21SC60WQ_WQX-C-017	Copper	Total		
2014-10-09	09:32:00	EDT	21SC60WQ_WQX-C-017	Escherichia	coli	95.9	#/100ml
2014-10-09	09:32:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.12	mg/l
2014-10-09	09:32:00	EDT	21SC60WQ_WQX-C-017	Iron	Total	1.2	mg/l
2014-10-09	09:32:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.43	mg/l
2014-10-09	09:32:00	EDT	21SC60WQ_WQX-C-017	Lead	Total	0.0021	mg/l
2014-10-09	09:32:00	EDT	21SC60WQ_WQX-C-017	Manganese	Total	0.045	mg/l
2014-10-09	09:32:00	EDT	21SC60WQ_WQX-C-017	Mercury	Total		
2014-10-09	09:32:00	EDT	21SC60WQ_WQX-C-017	Nickel	Total		
2014-10-09	09:32:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.042	mg/l
2014-10-09	09:32:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	5.8	mg/l
2014-10-09	09:32:00	EDT	21SC60WQ_WQX-C-017	Turbidity		6.4	NTU
2014-10-09	09:32:00	EDT	21SC60WQ_WQX-C-017	Zinc	Total	0.020	mg/l
2014-10-09	09:32:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.55	mg/l
2014-10-09	09:32:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		6.51	mg/l
2014-10-09	09:32:00	EDT	21SC60WQ_WQX-C-017	pH		6.67	None
2014-10-09	09:32:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		20.9	deg C
2014-12-16	09:15:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, to	Total	8.5	mg/l
2014-12-16	09:15:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.16	mg/l
2014-12-16	09:15:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen demand, standard conditions			
2014-12-16	09:15:00	EDT	21SC60WQ_WQX-C-017	Cadmium	Total		
2014-12-16	09:15:00	EDT	21SC60WQ_WQX-C-017	Chromium	Total		
2014-12-16	09:15:00	EDT	21SC60WQ_WQX-C-017	Copper	Total		
2014-12-16	09:15:00	EDT	21SC60WQ_WQX-C-017	Escherichia	coli	90.6	#/100ml
2014-12-16	09:15:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	1.9	mg/l
2014-12-16	09:15:00	EDT	21SC60WQ_WQX-C-017	Iron	Total	0.82	mg/l
2014-12-16	09:15:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.83	mg/l
2014-12-16	09:15:00	EDT	21SC60WQ_WQX-C-017	Lead	Total		
2014-12-16	09:15:00	EDT	21SC60WQ_WQX-C-017	Manganese	Total	0.033	mg/l
2014-12-16	09:15:00	EDT	21SC60WQ_WQX-C-017	Mercury	Total		
2014-12-16	09:15:00	EDT	21SC60WQ_WQX-C-017	Nickel	Total		
2014-12-16	09:15:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.029	mg/l
2014-12-16	09:15:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	3.6	mg/l
2014-12-16	09:15:00	EDT	21SC60WQ_WQX-C-017	Turbidity		4.2	NTU
2014-12-16	09:15:00	EDT	21SC60WQ_WQX-C-017	Zinc	Total		
2014-12-16	09:15:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	2.73	mg/l
2014-12-16	09:15:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		10.39	mg/l
2014-12-16	09:15:00	EDT	21SC60WQ_WQX-C-017	pH		7.32	None
2014-12-16	09:15:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		9.1	deg C
2015-01-20	11:50:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, to	Total	7.1	mg/l
2015-01-20	11:50:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.12	mg/l
2015-01-20	11:50:00	EDT	21SC60WQ_WQX-C-017	Biochemical	oxygen dem	2.7	mg/l
2015-01-20	11:50:00	EDT	21SC60WQ_WQX-C-017	Cadmium	Total		
2015-01-20	11:50:00	EDT	21SC60WQ_WQX-C-017	Calcium	Total	3.1	mg/l
2015-01-20	11:50:00	EDT	21SC60WQ_WQX-C-017	Chromium	Total		
2015-01-20	11:50:00	EDT	21SC60WQ_WQX-C-017	Copper	Total		
2015-01-20	11:50:00	EDT	21SC60WQ_WQX-C-017	Escherichia	coli	69.7	#/100ml
2015-01-20	11:50:00	EDT	21SC60WQ_WQX-C-017	Hardness, C	Total	10	mg/l
2015-01-20	11:50:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.16	mg/l
2015-01-20	11:50:00	EDT	21SC60WQ_WQX-C-017	Iron	Total	0.65	mg/l

2015-01-20	11:50:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.20	mg/l
2015-01-20	11:50:00	EDT	21SC60WQ_WQX-C-017	Lead	Total	0.0030	mg/l
2015-01-20	11:50:00	EDT	21SC60WQ_WQX-C-017	Magnesium	Total	0.64	mg/l
2015-01-20	11:50:00	EDT	21SC60WQ_WQX-C-017	Manganese	Total	0.021	mg/l
2015-01-20	11:50:00	EDT	21SC60WQ_WQX-C-017	Mercury	Total		
2015-01-20	11:50:00	EDT	21SC60WQ_WQX-C-017	Nickel	Total		
2015-01-20	11:50:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.028	mg/l
2015-01-20	11:50:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	6.3	mg/l
2015-01-20	11:50:00	EDT	21SC60WQ_WQX-C-017	Turbidity		11	NTU
2015-01-20	11:50:00	EDT	21SC60WQ_WQX-C-017	Zinc	Total	0.021	mg/l
2015-01-20	11:50:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.36	mg/l
2015-01-20	11:50:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		10.65	mg/l
2015-01-20	11:50:00	EDT	21SC60WQ_WQX-C-017	pH		7.29	None
2015-01-20	11:50:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		9.90	deg C
2015-03-24	11:52:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, tc	Total		
2015-03-24	11:52:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.15	mg/l
2015-03-24	11:52:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen demand, standard conditions			
2015-03-24	11:52:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		78.9	#/100ml
2015-03-24	11:52:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.16	mg/l
2015-03-24	11:52:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	1.0	mg/l
2015-03-24	11:52:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.032	mg/l
2015-03-24	11:52:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	4.8	mg/l
2015-03-24	11:52:00	EDT	21SC60WQ_WQX-C-017	Turbidity		6.4	NTU
2015-03-24	11:52:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	1.16	mg/l
2015-03-24	11:52:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		8.63	mg/l
2015-03-24	11:52:00	EDT	21SC60WQ_WQX-C-017	pH		7.15	None
2015-03-24	11:52:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		15.8	deg C
2015-05-26	11:44:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	12	mg/l
2015-05-26	11:44:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.34	mg/l
2015-05-26	11:44:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen dem		2.3	mg/l
2015-05-26	11:44:00	EDT	21SC60WQ_WQX-C-017	Cadmium	Total	0.00016	mg/l
2015-05-26	11:44:00	EDT	21SC60WQ_WQX-C-017	Calcium	Total	5.0	mg/l
2015-05-26	11:44:00	EDT	21SC60WQ_WQX-C-017	Chromium	Total		
2015-05-26	11:44:00	EDT	21SC60WQ_WQX-C-017	Copper	Total		
2015-05-26	11:44:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		166.4	#/100ml
2015-05-26	11:44:00	EDT	21SC60WQ_WQX-C-017	Hardness, C	Total	17	mg/l
2015-05-26	11:44:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.29	mg/l
2015-05-26	11:44:00	EDT	21SC60WQ_WQX-C-017	Iron	Total	1.7	mg/l
2015-05-26	11:44:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	1.6	mg/l
2015-05-26	11:44:00	EDT	21SC60WQ_WQX-C-017	Lead	Total	0.0022	mg/l
2015-05-26	11:44:00	EDT	21SC60WQ_WQX-C-017	Magnesium	Total	0.98	mg/l
2015-05-26	11:44:00	EDT	21SC60WQ_WQX-C-017	Manganese	Total	0.10	mg/l
2015-05-26	11:44:00	EDT	21SC60WQ_WQX-C-017	Mercury	Total		
2015-05-26	11:44:00	EDT	21SC60WQ_WQX-C-017	Nickel	Total		
2015-05-26	11:44:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.040	mg/l
2015-05-26	11:44:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	4.2	mg/l
2015-05-26	11:44:00	EDT	21SC60WQ_WQX-C-017	Turbidity		7.8	NTU
2015-05-26	11:44:00	EDT	21SC60WQ_WQX-C-017	Zinc	Total	0.052	mg/l
2015-05-26	11:44:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	1.89	mg/l
2015-05-26	11:44:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		6.01	mg/l
2015-05-26	11:44:00	EDT	21SC60WQ_WQX-C-017	pH		6.50	None
2015-05-26	11:44:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		23.6	deg C
2015-07-21	11:12:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	7.7	mg/l
2015-07-21	11:12:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.11	mg/l

2015-07-21	11:12:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen dem		2.3	mg/l
2015-07-21	11:12:00	EDT	21SC60WQ_WQX-C-017	Cadmium	Total		
2015-07-21	11:12:00	EDT	21SC60WQ_WQX-C-017	Calcium	Total	4.1	mg/l
2015-07-21	11:12:00	EDT	21SC60WQ_WQX-C-017	Chromium	Total		
2015-07-21	11:12:00	EDT	21SC60WQ_WQX-C-017	Copper	Total		
2015-07-21	11:12:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		124.6	#/100ml
2015-07-21	11:12:00	EDT	21SC60WQ_WQX-C-017	Hardness, C	Total	14	mg/l
2015-07-21	11:12:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.098	mg/l
2015-07-21	11:12:00	EDT	21SC60WQ_WQX-C-017	Iron	Total	1.5	mg/l
2015-07-21	11:12:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.78	mg/l
2015-07-21	11:12:00	EDT	21SC60WQ_WQX-C-017	Lead	Total	0.0023	mg/l
2015-07-21	11:12:00	EDT	21SC60WQ_WQX-C-017	Magnesium	Total	0.83	mg/l
2015-07-21	11:12:00	EDT	21SC60WQ_WQX-C-017	Manganese	Total	0.080	mg/l
2015-07-21	11:12:00	EDT	21SC60WQ_WQX-C-017	Mercury	Total		
2015-07-21	11:12:00	EDT	21SC60WQ_WQX-C-017	Nickel	Total		
2015-07-21	11:12:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.050	mg/l
2015-07-21	11:12:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	13	mg/l
2015-07-21	11:12:00	EDT	21SC60WQ_WQX-C-017	Turbidity		12	NTU
2015-07-21	11:12:00	EDT	21SC60WQ_WQX-C-017	Zinc	Total	0.023	mg/l
2015-07-21	11:12:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.878	mg/l
2015-07-21	11:12:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		5.18	mg/l
2015-07-21	11:12:00	EDT	21SC60WQ_WQX-C-017	pH		6.50	None
2015-07-21	11:12:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		28.7	deg C
2015-09-10	10:15:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.21	mg/l
2015-09-10	10:15:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		75.4	#/100ml
2015-09-10	10:15:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.14	mg/l
2015-09-10	10:15:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.75	mg/l
2015-09-10	10:15:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.036	mg/l
2015-09-10	10:15:00	EDT	21SC60WQ_WQX-C-017	Turbidity		15	NTU
2015-09-10	10:15:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.89	mg/l
2015-09-24	11:20:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	10	mg/l
2015-09-24	11:20:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.077	mg/l
2015-09-24	11:20:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen dem		2.5	mg/l
2015-09-24	11:20:00	EDT	21SC60WQ_WQX-C-017	Cadmium	Total		
2015-09-24	11:20:00	EDT	21SC60WQ_WQX-C-017	Calcium	Total	3.3	mg/l
2015-09-24	11:20:00	EDT	21SC60WQ_WQX-C-017	Chromium	Total		
2015-09-24	11:20:00	EDT	21SC60WQ_WQX-C-017	Copper	Total		
2015-09-24	11:20:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		218.7	#/100ml
2015-09-24	11:20:00	EDT	21SC60WQ_WQX-C-017	Hardness, C	Total	11	mg/l
2015-09-24	11:20:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.097	mg/l
2015-09-24	11:20:00	EDT	21SC60WQ_WQX-C-017	Iron	Total	1.0	mg/l
2015-09-24	11:20:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.94	mg/l
2015-09-24	11:20:00	EDT	21SC60WQ_WQX-C-017	Lead	Total	0.0026	mg/l
2015-09-24	11:20:00	EDT	21SC60WQ_WQX-C-017	Magnesium	Total	0.64	mg/l
2015-09-24	11:20:00	EDT	21SC60WQ_WQX-C-017	Manganese	Total	0.045	mg/l
2015-09-24	11:20:00	EDT	21SC60WQ_WQX-C-017	Mercury	Total		
2015-09-24	11:20:00	EDT	21SC60WQ_WQX-C-017	Nickel	Total		
2015-09-24	11:20:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.074	mg/l
2015-09-24	11:20:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	11	mg/l
2015-09-24	11:20:00	EDT	21SC60WQ_WQX-C-017	Turbidity		14	NTU
2015-09-24	11:20:00	EDT	21SC60WQ_WQX-C-017	Zinc	Total	0.042	mg/l
2015-09-24	11:20:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	1.037	mg/l
2015-09-24	11:20:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		5.95	mg/l
2015-09-24	11:20:00	EDT	21SC60WQ_WQX-C-017	pH		6.44	None

2015-09-24	11:20:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		21.7	deg C
2015-11-12	09:02:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.090	mg/l
2015-11-12	09:02:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		161.6	#/100ml
2015-11-12	09:02:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.14	mg/l
2015-11-12	09:02:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.73	mg/l
2015-11-12	09:02:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.028	mg/l
2015-11-12	09:02:00	EDT	21SC60WQ_WQX-C-017	Turbidity		17	NTU
2015-11-12	09:02:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.87	mg/l
2015-11-17	12:00:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, to	Total	9.0	mg/l
2015-11-17	12:00:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.15	mg/l
2015-11-17	12:00:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen demand, standard conditions			
2015-11-17	12:00:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		81.6	#/100ml
2015-11-17	12:00:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.18	mg/l
2015-11-17	12:00:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	1.1	mg/l
2015-11-17	12:00:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.031	mg/l
2015-11-17	12:00:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	6.1	mg/l
2015-11-17	12:00:00	EDT	21SC60WQ_WQX-C-017	Turbidity		14	NTU
2015-11-17	12:00:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	1.28	mg/l
2015-11-17	12:00:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		7.81	mg/l
2015-11-17	12:00:00	EDT	21SC60WQ_WQX-C-017	pH		7.30	None
2015-11-17	12:00:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		14.3	deg C
2015-12-10	10:07:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		101.4	#/100ml
2015-12-10	10:07:00	EDT	21SC60WQ_WQX-C-017	Turbidity		11	NTU
2015-12-10	10:07:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.15	mg/l
2015-12-10	10:07:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.18	mg/l
2015-12-10	10:07:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.28	mg/l
2015-12-10	10:07:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.024	mg/l
2015-12-10	10:07:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.46	mg/l
2016-01-13	11:55:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, to	Total	6.5	mg/l
2016-01-13	11:55:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.14	mg/l
2016-01-13	11:55:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen demand, standard conditions			
2016-01-13	11:55:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		88.0	#/100ml
2016-01-13	11:55:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.19	mg/l
2016-01-13	11:55:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.34	mg/l
2016-01-13	11:55:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.041	mg/l
2016-01-13	11:55:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	7.8	mg/l
2016-01-13	11:55:00	EDT	21SC60WQ_WQX-C-017	Turbidity		14	NTU
2016-01-13	11:55:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.53	mg/l
2016-01-13	11:55:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		10.37	mg/l
2016-01-13	11:55:00	EDT	21SC60WQ_WQX-C-017	pH		7.50	None
2016-01-13	11:55:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		8.3	deg C
2016-01-14	09:10:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		98.5	#/100ml
2016-01-14	09:10:00	EDT	21SC60WQ_WQX-C-017	Turbidity		14	NTU
2016-01-14	09:10:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.12	mg/l
2016-01-14	09:10:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.19	mg/l
2016-01-14	09:10:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.72	mg/l
2016-01-14	09:10:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.026	mg/l
2016-01-14	09:10:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.91	mg/l
2016-02-11	11:06:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.065	mg/l
2016-02-11	11:06:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		111.9	#/100ml
2016-02-11	11:06:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.20	mg/l
2016-02-11	11:06:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.40	mg/l
2016-02-11	11:06:00	EDT	21SC60WQ_WQX-C-017	Turbidity		15	NTU
2016-02-11	11:06:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.6	mg/l

2016-03-10	09:40:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		58.3	#/100ml
2016-03-10	09:40:00	EDT	21SC60WQ_WQX-C-017	Turbidity		9.3	NTU
2016-03-10	09:40:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.095	mg/l
2016-03-10	09:40:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.17	mg/l
2016-03-10	09:40:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.58	mg/l
2016-03-10	09:40:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.044	mg/l
2016-03-10	09:40:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.75	mg/l
2016-03-10	12:34:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, to	Total	9.4	mg/l
2016-03-10	12:34:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.12	mg/l
2016-03-10	12:34:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen demand, standard conditions			
2016-03-10	12:34:00	EDT	21SC60WQ_WQX-C-017	Cadmium	Total		
2016-03-10	12:34:00	EDT	21SC60WQ_WQX-C-017	Calcium	Total	4.8	mg/l
2016-03-10	12:34:00	EDT	21SC60WQ_WQX-C-017	Chromium	Total		
2016-03-10	12:34:00	EDT	21SC60WQ_WQX-C-017	Copper	Total		
2016-03-10	12:34:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		48.0	#/100ml
2016-03-10	12:34:00	EDT	21SC60WQ_WQX-C-017	Hardness, C	Total	16	mg/l
2016-03-10	12:34:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.18	mg/l
2016-03-10	12:34:00	EDT	21SC60WQ_WQX-C-017	Iron	Total	1.2	mg/l
2016-03-10	12:34:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.88	mg/l
2016-03-10	12:34:00	EDT	21SC60WQ_WQX-C-017	Lead	Total	0.0022	mg/l
2016-03-10	12:34:00	EDT	21SC60WQ_WQX-C-017	Magnesium	Total	0.92	mg/l
2016-03-10	12:34:00	EDT	21SC60WQ_WQX-C-017	Manganese	Total	0.050	mg/l
2016-03-10	12:34:00	EDT	21SC60WQ_WQX-C-017	Mercury	Total		
2016-03-10	12:34:00	EDT	21SC60WQ_WQX-C-017	Nickel	Total		
2016-03-10	12:34:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.027	mg/l
2016-03-10	12:34:00	EDT	21SC60WQ_WQX-C-017	Total suspe	Total	6.1	mg/l
2016-03-10	12:34:00	EDT	21SC60WQ_WQX-C-017	Turbidity		8.9	NTU
2016-03-10	12:34:00	EDT	21SC60WQ_WQX-C-017	Zinc	Total	0.017	mg/l
2016-03-10	12:34:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	1.06	mg/l
2016-03-10	12:34:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		7.94	mg/l
2016-03-10	12:34:00	EDT	21SC60WQ_WQX-C-017	pH		6.64	None
2016-03-10	12:34:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		18.8	deg C
2016-04-14	10:58:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.16	mg/l
2016-04-14	10:58:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		46.5	#/100ml
2016-04-14	10:58:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.14	mg/l
2016-04-14	10:58:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.58	mg/l
2016-04-14	10:58:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.027	mg/l
2016-04-14	10:58:00	EDT	21SC60WQ_WQX-C-017	Turbidity		20	NTU
2016-04-14	10:58:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.72	mg/l
2016-05-12	11:09:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.25	mg/l
2016-05-12	11:09:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		117.8	#/100ml
2016-05-12	11:09:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.12	mg/l
2016-05-12	11:09:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.50	mg/l
2016-05-12	11:09:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.044	mg/l
2016-05-12	11:09:00	EDT	21SC60WQ_WQX-C-017	Turbidity		11	NTU
2016-05-12	11:09:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.62	mg/l
2016-05-24	11:55:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, to	Total	8.9	mg/l
2016-05-24	11:55:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.22	mg/l
2016-05-24	11:55:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen dem		2.3	mg/l
2016-05-24	11:55:00	EDT	21SC60WQ_WQX-C-017	Cadmium	Total		
2016-05-24	11:55:00	EDT	21SC60WQ_WQX-C-017	Calcium	Total	3.5	mg/l
2016-05-24	11:55:00	EDT	21SC60WQ_WQX-C-017	Chromium	Total		
2016-05-24	11:55:00	EDT	21SC60WQ_WQX-C-017	Copper	Total		
2016-05-24	11:55:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		93.3	#/100ml

2016-05-24	11:55:00	EDT	21SC60WQ_WQX-C-017	Hardness, C	Total	12	mg/l
2016-05-24	11:55:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	1.1	mg/l
2016-05-24	11:55:00	EDT	21SC60WQ_WQX-C-017	Iron	Total	1.4	mg/l
2016-05-24	11:55:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.98	mg/l
2016-05-24	11:55:00	EDT	21SC60WQ_WQX-C-017	Lead	Total	0.0034	mg/l
2016-05-24	11:55:00	EDT	21SC60WQ_WQX-C-017	Magnesium	Total	0.69	mg/l
2016-05-24	11:55:00	EDT	21SC60WQ_WQX-C-017	Manganese	Total	0.052	mg/l
2016-05-24	11:55:00	EDT	21SC60WQ_WQX-C-017	Mercury	Total		
2016-05-24	11:55:00	EDT	21SC60WQ_WQX-C-017	Nickel	Total		
2016-05-24	11:55:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.064	mg/l
2016-05-24	11:55:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	11	mg/l
2016-05-24	11:55:00	EDT	21SC60WQ_WQX-C-017	Turbidity		12	NTU
2016-05-24	11:55:00	EDT	21SC60WQ_WQX-C-017	Zinc	Total	0.015	mg/l
2016-05-24	11:55:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	2.08	mg/l
2016-05-24	11:55:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		5.96	mg/l
2016-05-24	11:55:00	EDT	21SC60WQ_WQX-C-017	pH		6.61	None
2016-05-24	11:55:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		21.9	deg C
2016-06-09	10:01:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		178.9	#/100ml
2016-06-09	10:01:00	EDT	21SC60WQ_WQX-C-017	Turbidity		12	NTU
2016-06-09	10:01:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.15	mg/l
2016-06-09	10:01:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.075	mg/l
2016-06-09	10:01:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.79	mg/l
2016-06-09	10:01:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.037	mg/l
2016-06-09	10:01:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.865	mg/l
2016-07-14	10:18:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.44	mg/l
2016-07-14	10:18:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		86.2	#/100ml
2016-07-14	10:18:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.24	mg/l
2016-07-14	10:18:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	1.2	mg/l
2016-07-14	10:18:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.064	mg/l
2016-07-14	10:18:00	EDT	21SC60WQ_WQX-C-017	Turbidity		7.9	NTU
2016-07-14	10:18:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	1.44	mg/l
2016-08-04	10:39:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.066	mg/l
2016-08-04	10:39:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		686.7	#/100ml
2016-08-04	10:39:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.15	mg/l
2016-08-04	10:39:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.60	mg/l
2016-08-04	10:39:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.074	mg/l
2016-08-04	10:39:00	EDT	21SC60WQ_WQX-C-017	Turbidity		34	NTU
2016-08-04	10:39:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.75	mg/l
2016-08-09	11:39:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	11	mg/l
2016-08-09	11:39:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.32	mg/l
2016-08-09	11:39:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen dem		2.6	mg/l
2016-08-09	11:39:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		69.7	#/100ml
2016-08-09	11:39:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.16	mg/l
2016-08-09	11:39:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	1.4	mg/l
2016-08-09	11:39:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.073	mg/l
2016-08-09	11:39:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	6.1	mg/l
2016-08-09	11:39:00	EDT	21SC60WQ_WQX-C-017	Turbidity		9.3	NTU
2016-08-09	11:39:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	1.56	mg/l
2016-08-09	11:39:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		4.57	mg/l
2016-08-09	11:39:00	EDT	21SC60WQ_WQX-C-017	pH		6.54	None
2016-08-09	11:39:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		28.2	deg C
2016-09-08	10:29:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.24	mg/l
2016-09-08	10:29:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		61.3	#/100ml
2016-09-08	10:29:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.14	mg/l

2016-09-08	10:29:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.50	mg/l
2016-09-08	10:29:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.074	mg/l
2016-09-08	10:29:00	EDT	21SC60WQ_WQX-C-017	Turbidity		9.2	NTU
2016-09-08	10:29:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.64	mg/l
2016-09-15	11:52:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, to	Total	8.6	mg/l
2016-09-15	11:52:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.14	mg/l
2016-09-15	11:52:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen demand, standard conditions			
2016-09-15	11:52:00	EDT	21SC60WQ_WQX-C-017	Cadmium	Total		
2016-09-15	11:52:00	EDT	21SC60WQ_WQX-C-017	Calcium	Total	3.7	mg/l
2016-09-15	11:52:00	EDT	21SC60WQ_WQX-C-017	Chromium	Total		
2016-09-15	11:52:00	EDT	21SC60WQ_WQX-C-017	Copper	Total		
2016-09-15	11:52:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		135.4	#/100ml
2016-09-15	11:52:00	EDT	21SC60WQ_WQX-C-017	Hardness, C	Total	13	mg/l
2016-09-15	11:52:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.14	mg/l
2016-09-15	11:52:00	EDT	21SC60WQ_WQX-C-017	Iron	Total	1.2	mg/l
2016-09-15	11:52:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.54	mg/l
2016-09-15	11:52:00	EDT	21SC60WQ_WQX-C-017	Lead	Total		
2016-09-15	11:52:00	EDT	21SC60WQ_WQX-C-017	Magnesium	Total	0.81	mg/l
2016-09-15	11:52:00	EDT	21SC60WQ_WQX-C-017	Manganese	Total	0.062	mg/l
2016-09-15	11:52:00	EDT	21SC60WQ_WQX-C-017	Mercury	Total		
2016-09-15	11:52:00	EDT	21SC60WQ_WQX-C-017	Nickel	Total		
2016-09-15	11:52:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.073	mg/l
2016-09-15	11:52:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	7.4	mg/l
2016-09-15	11:52:00	EDT	21SC60WQ_WQX-C-017	Turbidity		7.7	NTU
2016-09-15	11:52:00	EDT	21SC60WQ_WQX-C-017	Zinc	Total		
2016-09-15	11:52:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.68	mg/l
2016-09-15	11:52:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		4.92	mg/l
2016-09-15	11:52:00	EDT	21SC60WQ_WQX-C-017	pH		6.31	None
2016-09-15	11:52:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		25.9	deg C
2016-11-09	09:45:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.17	mg/l
2016-11-09	09:45:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.14	mg/l
2016-11-09	09:45:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	1.0	mg/l
2016-11-09	09:45:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.030	mg/l
2016-11-09	09:45:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	1.14	mg/l
2016-11-30	11:48:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, to	Total	7.8	mg/l
2016-11-30	11:48:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.067	mg/l
2016-11-30	11:48:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen dem		6.5	mg/l
2016-11-30	11:48:00	EDT	21SC60WQ_WQX-C-017	Cadmium	Total		
2016-11-30	11:48:00	EDT	21SC60WQ_WQX-C-017	Calcium	Total	3.4	mg/l
2016-11-30	11:48:00	EDT	21SC60WQ_WQX-C-017	Chromium	Total		
2016-11-30	11:48:00	EDT	21SC60WQ_WQX-C-017	Copper	Total		
2016-11-30	11:48:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		1732.9	#/100ml
2016-11-30	11:48:00	EDT	21SC60WQ_WQX-C-017	Hardness, C	Total	12	mg/l
2016-11-30	11:48:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.057	mg/l
2016-11-30	11:48:00	EDT	21SC60WQ_WQX-C-017	Iron	Total	1.0	mg/l
2016-11-30	11:48:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.83	mg/l
2016-11-30	11:48:00	EDT	21SC60WQ_WQX-C-017	Lead	Total	0.0021	mg/l
2016-11-30	11:48:00	EDT	21SC60WQ_WQX-C-017	Magnesium	Total	0.82	mg/l
2016-11-30	11:48:00	EDT	21SC60WQ_WQX-C-017	Manganese	Total	0.065	mg/l
2016-11-30	11:48:00	EDT	21SC60WQ_WQX-C-017	Mercury	Total		
2016-11-30	11:48:00	EDT	21SC60WQ_WQX-C-017	Nickel	Total		
2016-11-30	11:48:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.060	mg/l
2016-11-30	11:48:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	10	mg/l
2016-11-30	11:48:00	EDT	21SC60WQ_WQX-C-017	Turbidity		12	NTU

2016-11-30	11:48:00	EDT	21SC60WQ_WQX-C-017	Zinc	Total	0.015	mg/l
2016-11-30	11:48:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.887	mg/l
2016-11-30	11:48:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		6.71	mg/l
2016-11-30	11:48:00	EDT	21SC60WQ_WQX-C-017	pH		6.38	None
2016-11-30	11:48:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		16.6	deg C
2016-12-08	09:37:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		218.7	#/100ml
2016-12-08	09:37:00	EDT	21SC60WQ_WQX-C-017	Turbidity		8.7	NTU
2016-12-08	09:37:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.083	mg/l
2016-12-08	09:37:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.097	mg/l
2016-12-08	09:37:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.48	mg/l
2016-12-08	09:37:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.027	mg/l
2016-12-08	09:37:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.577	mg/l
2017-01-12	09:24:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.090	mg/l
2017-01-12	09:24:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		93.4	#/100ml
2017-01-12	09:24:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.18	mg/l
2017-01-12	09:24:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.66	mg/l
2017-01-12	09:24:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.022	mg/l
2017-01-12	09:24:00	EDT	21SC60WQ_WQX-C-017	Turbidity		14	NTU
2017-01-12	09:24:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.84	mg/l
2017-01-24	11:47:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, to	Total	7.8	mg/l
2017-01-24	11:47:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.10	mg/l
2017-01-24	11:47:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen demand, standard conditions			
2017-01-24	11:47:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		428.4	#/100ml
2017-01-24	11:47:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.15	mg/l
2017-01-24	11:47:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.66	mg/l
2017-01-24	11:47:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.048	mg/l
2017-01-24	11:47:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	10	mg/l
2017-01-24	11:47:00	EDT	21SC60WQ_WQX-C-017	Turbidity		19	NTU
2017-01-24	11:47:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.81	mg/l
2017-01-24	11:47:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		8.16	mg/l
2017-01-24	11:47:00	EDT	21SC60WQ_WQX-C-017	pH		6.66	None
2017-01-24	11:47:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		13.9	deg C
2017-02-09	09:20:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.17	mg/l
2017-02-09	09:20:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		194.8	#/100ml
2017-02-09	09:20:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.19	mg/l
2017-02-09	09:20:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.47	mg/l
2017-02-09	09:20:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.027	mg/l
2017-02-09	09:20:00	EDT	21SC60WQ_WQX-C-017	Turbidity		11	NTU
2017-02-09	09:20:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.66	mg/l
2017-02-15	11:25:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, to	Total	7.0	mg/l
2017-02-15	11:25:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.17	mg/l
2017-02-15	11:25:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen dem		3.2	mg/l
2017-02-15	11:25:00	EDT	21SC60WQ_WQX-C-017	Cadmium	Total	0.00010	mg/l
2017-02-15	11:25:00	EDT	21SC60WQ_WQX-C-017	Calcium	Total	4.4	mg/l
2017-02-15	11:25:00	EDT	21SC60WQ_WQX-C-017	Chromium	Total		
2017-02-15	11:25:00	EDT	21SC60WQ_WQX-C-017	Copper	Total		
2017-02-15	11:25:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		2419.6	#/100ml
2017-02-15	11:25:00	EDT	21SC60WQ_WQX-C-017	Hardness, C	Total	14	mg/l
2017-02-15	11:25:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.22	mg/l
2017-02-15	11:25:00	EDT	21SC60WQ_WQX-C-017	Iron	Total	2.3	mg/l
2017-02-15	11:25:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.59	mg/l
2017-02-15	11:25:00	EDT	21SC60WQ_WQX-C-017	Lead	Total	0.0055	mg/l
2017-02-15	11:25:00	EDT	21SC60WQ_WQX-C-017	Magnesium	Total	0.84	mg/l
2017-02-15	11:25:00	EDT	21SC60WQ_WQX-C-017	Manganese	Total	0.084	mg/l

2017-02-15	11:25:00	EDT	21SC60WQ_WQX-C-017	Mercury	Total		
2017-02-15	11:25:00	EDT	21SC60WQ_WQX-C-017	Nickel	Total		
2017-02-15	11:25:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.073	mg/l
2017-02-15	11:25:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	52	mg/l
2017-02-15	11:25:00	EDT	21SC60WQ_WQX-C-017	Turbidity		55	NTU
2017-02-15	11:25:00	EDT	21SC60WQ_WQX-C-017	Zinc	Total	0.026	mg/l
2017-02-15	11:25:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.81	mg/l
2017-02-15	11:25:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		8.49	mg/l
2017-02-15	11:25:00	EDT	21SC60WQ_WQX-C-017	pH		6.31	None
2017-02-15	11:25:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		14.2	deg C
2017-03-09	09:32:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.11	mg/l
2017-03-09	09:32:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		116.2	#/100ml
2017-03-09	09:32:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.15	mg/l
2017-03-09	09:32:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.26	mg/l
2017-03-09	09:32:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.028	mg/l
2017-03-09	09:32:00	EDT	21SC60WQ_WQX-C-017	Turbidity		8.7	NTU
2017-03-09	09:32:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.41	mg/l
2017-03-15	10:31:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, to	Total	9.6	mg/l
2017-03-15	10:31:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.071	mg/l
2017-03-15	10:31:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen demand, standard conditions			
2017-03-15	10:31:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		648.8	#/100ml
2017-03-15	10:31:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.13	mg/l
2017-03-15	10:31:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.71	mg/l
2017-03-15	10:31:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.066	mg/l
2017-03-15	10:31:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	8.2	mg/l
2017-03-15	10:31:00	EDT	21SC60WQ_WQX-C-017	Turbidity		12	NTU
2017-03-15	10:31:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.84	mg/l
2017-03-15	10:31:00	EDT	21SC60WQ_WQX-C-017	Depth		0.3	m
2017-03-15	10:31:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		9.02	mg/l
2017-03-15	10:31:00	EDT	21SC60WQ_WQX-C-017	pH		6.57	None
2017-03-15	10:31:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		7.9	deg C
2017-04-04	12:00:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, to	Total	8.5	mg/l
2017-04-04	12:00:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.18	mg/l
2017-04-04	12:00:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		1203.3	#/100ml
2017-04-04	12:00:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.10	mg/l
2017-04-04	12:00:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.50	mg/l
2017-04-04	12:00:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.054	mg/l
2017-04-04	12:00:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	27	mg/l
2017-04-04	12:00:00	EDT	21SC60WQ_WQX-C-017	Turbidity		40	NTU
2017-04-04	12:00:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.6	mg/l
2017-04-04	12:00:00	EDT	21SC60WQ_WQX-C-017	Depth		0.3	m
2017-04-04	12:00:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		5.27	mg/l
2017-04-04	12:00:00	EDT	21SC60WQ_WQX-C-017	pH		6.34	None
2017-04-04	12:00:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		20.7	deg C
2017-04-13	07:35:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		77.1	#/100ml
2017-04-13	07:35:00	EDT	21SC60WQ_WQX-C-017	Turbidity		20	NTU
2017-04-13	07:35:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.45	mg/l
2017-04-13	07:35:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.18	mg/l
2017-04-13	07:35:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.64	mg/l
2017-04-13	07:35:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.045	mg/l
2017-04-13	07:35:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.82	mg/l
2017-05-03	11:59:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, to	Total	9.1	mg/l
2017-05-03	11:59:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.20	mg/l
2017-05-03	11:59:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen dem		2.6	mg/l

2017-05-03	11:59:00	EDT	21SC60WQ_WQX-C-017	Cadmium	Total		
2017-05-03	11:59:00	EDT	21SC60WQ_WQX-C-017	Calcium	Total	3.2	mg/l
2017-05-03	11:59:00	EDT	21SC60WQ_WQX-C-017	Chromium	Total		
2017-05-03	11:59:00	EDT	21SC60WQ_WQX-C-017	Copper	Total		
2017-05-03	11:59:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		218.7	#/100ml
2017-05-03	11:59:00	EDT	21SC60WQ_WQX-C-017	Hardness, C	Total	11	mg/l
2017-05-03	11:59:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.071	mg/l
2017-05-03	11:59:00	EDT	21SC60WQ_WQX-C-017	Iron	Total	1.6	mg/l
2017-05-03	11:59:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.81	mg/l
2017-05-03	11:59:00	EDT	21SC60WQ_WQX-C-017	Lead	Total	0.0040	mg/l
2017-05-03	11:59:00	EDT	21SC60WQ_WQX-C-017	Magnesium	Total	0.73	mg/l
2017-05-03	11:59:00	EDT	21SC60WQ_WQX-C-017	Manganese	Total	0.044	mg/l
2017-05-03	11:59:00	EDT	21SC60WQ_WQX-C-017	Mercury	Total		
2017-05-03	11:59:00	EDT	21SC60WQ_WQX-C-017	Nickel	Total		
2017-05-03	11:59:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.11	mg/l
2017-05-03	11:59:00	EDT	21SC60WQ_WQX-C-017	Turbidity		17	NTU
2017-05-03	11:59:00	EDT	21SC60WQ_WQX-C-017	Zinc	Total	0.018	mg/l
2017-05-03	11:59:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.881	mg/l
2017-05-03	11:59:00	EDT	21SC60WQ_WQX-C-017	Depth		0.3	m
2017-05-03	11:59:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		5.60	mg/l
2017-05-03	11:59:00	EDT	21SC60WQ_WQX-C-017	pH		6.21	None
2017-05-03	11:59:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		22.4	deg C
2017-05-23	08:40:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.091	mg/l
2017-05-23	08:40:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		5198.8	#/100ml
2017-05-23	08:40:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.12	mg/l
2017-05-23	08:40:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.31	mg/l
2017-05-23	08:40:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.042	mg/l
2017-05-23	08:40:00	EDT	21SC60WQ_WQX-C-017	Turbidity		31	NTU
2017-05-23	08:40:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.43	mg/l
2017-06-08	10:06:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.19	mg/l
2017-06-08	10:06:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		206.4	#/100ml
2017-06-08	10:06:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.098	mg/l
2017-06-08	10:06:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.48	mg/l
2017-06-08	10:06:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.035	mg/l
2017-06-08	10:06:00	EDT	21SC60WQ_WQX-C-017	Turbidity		12	NTU
2017-06-08	10:06:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.578	mg/l
2017-06-15	11:35:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	25	mg/l
2017-06-15	11:35:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.46	mg/l
2017-06-15	11:35:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen demand, standard conditions			
2017-06-15	11:35:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		90.6	#/100ml
2017-06-15	11:35:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.26	mg/l
2017-06-15	11:35:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.88	mg/l
2017-06-15	11:35:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.045	mg/l
2017-06-15	11:35:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	5.6	mg/l
2017-06-15	11:35:00	EDT	21SC60WQ_WQX-C-017	Turbidity		9.0	NTU
2017-06-15	11:35:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	1.14	mg/l
2017-06-15	11:35:00	EDT	21SC60WQ_WQX-C-017	Depth		0.3	m
2017-06-15	11:35:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		3.69	mg/l
2017-06-15	11:35:00	EDT	21SC60WQ_WQX-C-017	pH		6.21	None
2017-06-15	11:35:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		26.5	deg C
2017-07-06	14:43:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, tc	Total	12	mg/l
2017-07-06	14:43:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.18	mg/l
2017-07-06	14:43:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen demand, standard conditions			
2017-07-06	14:43:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		133.4	#/100ml

2017-07-06	14:43:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.11	mg/l
2017-07-06	14:43:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.56	mg/l
2017-07-06	14:43:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.061	mg/l
2017-07-06	14:43:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	5.5	mg/l
2017-07-06	14:43:00	EDT	21SC60WQ_WQX-C-017	Turbidity		8.4	NTU
2017-07-06	14:43:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.67	mg/l
2017-07-06	14:43:00	EDT	21SC60WQ_WQX-C-017	Depth		0.3	m
2017-07-06	14:43:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		5.17	mg/l
2017-07-06	14:43:00	EDT	21SC60WQ_WQX-C-017	pH		6.17	None
2017-07-06	14:43:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		29.6	deg C
2017-07-13	08:55:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		155.2	#/100ml
2017-07-13	08:55:00	EDT	21SC60WQ_WQX-C-017	Turbidity		7.8	NTU
2017-08-10	07:35:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.19	mg/l
2017-08-10	07:35:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		456.4	#/100ml
2017-08-10	07:35:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.14	mg/l
2017-08-10	07:35:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.56	mg/l
2017-08-10	07:35:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.051	mg/l
2017-08-10	07:35:00	EDT	21SC60WQ_WQX-C-017	Turbidity		12	NTU
2017-08-10	07:35:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.7	mg/l
2017-08-16	11:32:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, to	Total	13	mg/l
2017-08-16	11:32:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.21	mg/l
2017-08-16	11:32:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen dem		2.2	mg/l
2017-08-16	11:32:00	EDT	21SC60WQ_WQX-C-017	Cadmium	Total		
2017-08-16	11:32:00	EDT	21SC60WQ_WQX-C-017	Calcium	Total	4.4	mg/l
2017-08-16	11:32:00	EDT	21SC60WQ_WQX-C-017	Chromium	Total		
2017-08-16	11:32:00	EDT	21SC60WQ_WQX-C-017	Copper	Total		
2017-08-16	11:32:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		210.5	#/100ml
2017-08-16	11:32:00	EDT	21SC60WQ_WQX-C-017	Hardness, C	Total	14	mg/l
2017-08-16	11:32:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.11	mg/l
2017-08-16	11:32:00	EDT	21SC60WQ_WQX-C-017	Iron	Total	1.9	mg/l
2017-08-16	11:32:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.62	mg/l
2017-08-16	11:32:00	EDT	21SC60WQ_WQX-C-017	Lead	Total	0.0021	mg/l
2017-08-16	11:32:00	EDT	21SC60WQ_WQX-C-017	Magnesium	Total	0.81	mg/l
2017-08-16	11:32:00	EDT	21SC60WQ_WQX-C-017	Manganese	Total	0.073	mg/l
2017-08-16	11:32:00	EDT	21SC60WQ_WQX-C-017	Mercury	Total		
2017-08-16	11:32:00	EDT	21SC60WQ_WQX-C-017	Nickel	Total		
2017-08-16	11:32:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.064	mg/l
2017-08-16	11:32:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	8.7	mg/l
2017-08-16	11:32:00	EDT	21SC60WQ_WQX-C-017	Turbidity		9.7	NTU
2017-08-16	11:32:00	EDT	21SC60WQ_WQX-C-017	Zinc	Total	0.018	mg/l
2017-08-16	11:32:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.73	mg/l
2017-08-16	11:32:00	EDT	21SC60WQ_WQX-C-017	Depth		0.3	m
2017-08-16	11:32:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		4.57	mg/l
2017-08-16	11:32:00	EDT	21SC60WQ_WQX-C-017	pH		6.20	None
2017-08-16	11:32:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		29.0	deg C
2017-09-14	08:57:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.058	mg/l
2017-09-14	08:57:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		167.0	#/100ml
2017-09-14	08:57:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.046	mg/l
2017-09-14	08:57:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.63	mg/l
2017-09-14	08:57:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.030	mg/l
2017-09-14	08:57:00	EDT	21SC60WQ_WQX-C-017	Turbidity		12	NTU
2017-09-14	08:57:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.676	mg/l
2017-09-14	12:23:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, to	Total	9.6	mg/l
2017-09-14	12:23:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total		

2017-09-14	12:23:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen dem		2.7	mg/l
2017-09-14	12:23:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		178.9	#/100ml
2017-09-14	12:23:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.050	mg/l
2017-09-14	12:23:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.38	mg/l
2017-09-14	12:23:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.056	mg/l
2017-09-14	12:23:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	7.8	mg/l
2017-09-14	12:23:00	EDT	21SC60WQ_WQX-C-017	Turbidity		12	NTU
2017-09-14	12:23:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.43	mg/l
2017-09-14	12:23:00	EDT	21SC60WQ_WQX-C-017	Depth		0.3	m
2017-09-14	12:23:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		5.60	mg/l
2017-09-14	12:23:00	EDT	21SC60WQ_WQX-C-017	pH		6.15	None
2017-09-14	12:23:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		23.4	deg C
2017-10-12	08:32:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.061	mg/l
2017-10-12	08:32:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		344.8	#/100ml
2017-10-12	08:32:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.087	mg/l
2017-10-12	08:32:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.48	mg/l
2017-10-12	08:32:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.058	mg/l
2017-10-12	08:32:00	EDT	21SC60WQ_WQX-C-017	Turbidity		9.1	NTU
2017-10-12	08:32:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.567	mg/l
2017-10-23	12:51:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, to	Total	15	mg/l
2017-10-23	12:51:00	EDT	21SC60WQ_WQX-C-017	Ammonia	Total	0.14	mg/l
2017-10-23	12:51:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen demand, standard conditions			
2017-10-23	12:51:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		727.0	#/100ml
2017-10-23	12:51:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.14	mg/l
2017-10-23	12:51:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.23	mg/l
2017-10-23	12:51:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.050	mg/l
2017-10-23	12:51:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	7.5	mg/l
2017-10-23	12:51:00	EDT	21SC60WQ_WQX-C-017	Turbidity		8.9	NTU
2017-10-23	12:51:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.37	mg/l
2017-10-23	12:51:00	EDT	21SC60WQ_WQX-C-017	Depth		0.3	m
2017-10-23	12:51:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		6.45	mg/l
2017-10-23	12:51:00	EDT	21SC60WQ_WQX-C-017	pH		6.24	None
2017-10-23	12:51:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		21.2	deg C
2017-11-08	08:06:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		131.4	#/100ml
2017-11-08	08:06:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.057	mg/l
2017-11-08	08:06:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.17	mg/l
2017-11-08	08:06:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.035	mg/l
2017-11-08	08:06:00	EDT	21SC60WQ_WQX-C-017	Turbidity		6.8	NTU
2017-11-08	08:06:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.227	mg/l
2017-11-13	11:46:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, to	Total	27	mg/l
2017-11-13	11:46:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen demand, standard conditions			
2017-11-13	11:46:00	EDT	21SC60WQ_WQX-C-017	Cadmium	Total		
2017-11-13	11:46:00	EDT	21SC60WQ_WQX-C-017	Calcium	Total	3.2	mg/l
2017-11-13	11:46:00	EDT	21SC60WQ_WQX-C-017	Chromium	Total		
2017-11-13	11:46:00	EDT	21SC60WQ_WQX-C-017	Copper	Total		
2017-11-13	11:46:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		1119.9	#/100ml
2017-11-13	11:46:00	EDT	21SC60WQ_WQX-C-017	Hardness, C	Total	11	mg/l
2017-11-13	11:46:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.076	mg/l
2017-11-13	11:46:00	EDT	21SC60WQ_WQX-C-017	Iron	Total	1.1	mg/l
2017-11-13	11:46:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total		
2017-11-13	11:46:00	EDT	21SC60WQ_WQX-C-017	Lead	Total		
2017-11-13	11:46:00	EDT	21SC60WQ_WQX-C-017	Magnesium	Total	0.78	mg/l
2017-11-13	11:46:00	EDT	21SC60WQ_WQX-C-017	Manganese	Total	0.041	mg/l
2017-11-13	11:46:00	EDT	21SC60WQ_WQX-C-017	Mercury	Total		

2017-11-13	11:46:00	EDT	21SC60WQ_WQX-C-017	Nickel	Total		
2017-11-13	11:46:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.044	mg/l
2017-11-13	11:46:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	9.4	mg/l
2017-11-13	11:46:00	EDT	21SC60WQ_WQX-C-017	Turbidity		10	NTU
2017-11-13	11:46:00	EDT	21SC60WQ_WQX-C-017	Zinc	Total		
2017-11-13	11:46:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total		
2017-11-13	11:46:00	EDT	21SC60WQ_WQX-C-017	Depth		0.3	m
2017-11-13	11:46:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		8.44	mg/l
2017-11-13	11:46:00	EDT	21SC60WQ_WQX-C-017	pH		16.21	None
2017-11-13	11:46:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		12.8	deg C
2017-12-04	11:32:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, to	Total	32	mg/l
2017-12-04	11:32:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen demand, standard conditions			
2017-12-04	11:32:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		90.8	#/100ml
2017-12-04	11:32:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.055	mg/l
2017-12-04	11:32:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.37	mg/l
2017-12-04	11:32:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.038	mg/l
2017-12-04	11:32:00	EDT	21SC60WQ_WQX-C-017	Total susper	Total	4.0	mg/l
2017-12-04	11:32:00	EDT	21SC60WQ_WQX-C-017	Turbidity		5.7	NTU
2017-12-04	11:32:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.425	mg/l
2017-12-04	11:32:00	EDT	21SC60WQ_WQX-C-017	Depth		0.3	m
2017-12-04	11:32:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		8.12	mg/l
2017-12-04	11:32:00	EDT	21SC60WQ_WQX-C-017	pH		6.69	None
2017-12-04	11:32:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		14.4	deg C
2017-12-19	08:36:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		114.5	#/100ml
2017-12-19	08:36:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.11	mg/l
2017-12-19	08:36:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.30	mg/l
2017-12-19	08:36:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.021	mg/l
2017-12-19	08:36:00	EDT	21SC60WQ_WQX-C-017	Turbidity		5.5	NTU
2017-12-19	08:36:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.41	mg/l
2018-01-04	13:33:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, to	Total	19	mg/l
2018-01-04	13:33:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen demand, standard conditions			
2018-01-04	13:33:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		325.5	#/100ml
2018-01-04	13:33:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.076	mg/l
2018-01-04	13:33:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.25	mg/l
2018-01-04	13:33:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.028	mg/l
2018-01-04	13:33:00	EDT	21SC60WQ_WQX-C-017	Turbidity		6.0	NTU
2018-01-04	13:33:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.326	mg/l
2018-01-04	13:33:00	EDT	21SC60WQ_WQX-C-017	Depth		0.3	m
2018-01-04	13:33:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		13.30	mg/l
2018-01-04	13:33:00	EDT	21SC60WQ_WQX-C-017	pH		6.41	None
2018-01-04	13:33:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		2.8	deg C
2018-01-11	09:07:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		83.6	#/100ml
2018-01-11	09:07:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.12	mg/l
2018-01-11	09:07:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.35	mg/l
2018-01-11	09:07:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.029	mg/l
2018-01-11	09:07:00	EDT	21SC60WQ_WQX-C-017	Turbidity		6.5	NTU
2018-01-11	09:07:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.47	mg/l
2018-02-06	12:44:00	EDT	21SC60WQ_WQX-C-017	Alkalinity, to	Total	7.1	mg/l
2018-02-06	12:44:00	EDT	21SC60WQ_WQX-C-017	Biochemical oxygen demand, standard conditions			
2018-02-06	12:44:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		110.0	#/100ml
2018-02-06	12:44:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.12	mg/l
2018-02-06	12:44:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.23	mg/l
2018-02-06	12:44:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.027	mg/l
2018-02-06	12:44:00	EDT	21SC60WQ_WQX-C-017	Turbidity		11	NTU

2018-02-06	12:44:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.35	mg/l
2018-02-06	12:44:00	EDT	21SC60WQ_WQX-C-017	Dissolved oxygen (DO)		10.93	mg/l
2018-02-06	12:44:00	EDT	21SC60WQ_WQX-C-017	pH		6.06	None
2018-02-06	12:44:00	EDT	21SC60WQ_WQX-C-017	Temperature, water		11.1	deg C
2018-02-08	09:00:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		135.4	#/100ml
2018-02-08	09:00:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.13	mg/l
2018-02-08	09:00:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.33	mg/l
2018-02-08	09:00:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.029	mg/l
2018-02-08	09:00:00	EDT	21SC60WQ_WQX-C-017	Turbidity		16	NTU
2018-02-08	09:00:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.46	mg/l
2018-03-08	08:47:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		105.0	#/100ml
2018-03-08	08:47:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.13	mg/l
2018-03-08	08:47:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.26	mg/l
2018-03-08	08:47:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.033	mg/l
2018-03-08	08:47:00	EDT	21SC60WQ_WQX-C-017	Turbidity		6.6	NTU
2018-03-08	08:47:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.39	mg/l
2018-04-12	08:43:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		88.8	#/100ml
2018-04-12	08:43:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.081	mg/l
2018-04-12	08:43:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.20	mg/l
2018-04-12	08:43:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.036	mg/l
2018-04-12	08:43:00	EDT	21SC60WQ_WQX-C-017	Turbidity		4.8	NTU
2018-04-12	08:43:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.281	mg/l
2018-05-24	09:21:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.11	mg/l
2018-05-24	09:21:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.57	mg/l
2018-05-24	09:21:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.053	mg/l
2018-05-24	09:21:00	EDT	21SC60WQ_WQX-C-017	Turbidity		7.6	NTU
2018-05-24	09:21:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.68	mg/l
2018-07-19	08:31:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		150.0	#/100ml
2018-07-19	08:31:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.12	mg/l
2018-07-19	08:31:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.40	mg/l
2018-07-19	08:31:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.054	mg/l
2018-07-19	08:31:00	EDT	21SC60WQ_WQX-C-017	Turbidity		7.4	NTU
2018-07-19	08:31:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.52	mg/l
2018-08-23	09:20:00	EDT	21SC60WQ_WQX-C-017	Escherichia coli		325.5	#/100ml
2018-08-23	09:20:00	EDT	21SC60WQ_WQX-C-017	Inorganic ni	Total	0.093	mg/l
2018-08-23	09:20:00	EDT	21SC60WQ_WQX-C-017	Kjeldahl nitr	Total	0.43	mg/l
2018-08-23	09:20:00	EDT	21SC60WQ_WQX-C-017	Phosphorus	Total	0.050	mg/l
2018-08-23	09:20:00	EDT	21SC60WQ_WQX-C-017	Turbidity		7.2	NTU
2018-08-23	09:20:00	EDT	21SC60WQ_WQX-C-017	Nitrogen	Total	0.523	mg/l

1999-05-12	12:00:00	EST	21SC60WQ_WQX-C-048	Enterococcu	Total		
1999-05-12	12:00:00	EST	21SC60WQ_WQX-C-048	Fecal Colifo	Total		
1999-05-12	12:00:00	EST	21SC60WQ_WQX-C-048	Inorganic ni	Total		
1999-05-12	12:00:00	EST	21SC60WQ_WQX-C-048	Turbidity	Total	2.5	NTU
1999-05-12	12:00:00	EST	21SC60WQ_WQX-C-048	Depth		0.3	m
1999-05-12	12:00:00	EST	21SC60WQ_WQX-C-048	Dissolved oxygen (DO)		9.2	mg/l
1999-05-12	12:00:00	EST	21SC60WQ_WQX-C-048	pH		7.94	None
1999-05-12	12:00:00	EST	21SC60WQ_WQX-C-048	Temperature, water		25	deg C
1999-06-30	13:05:00	EST	21SC60WQ_WQX-C-048	Enterococcu	Total		
1999-06-30	13:05:00	EST	21SC60WQ_WQX-C-048	Fecal Colifo	Total	11	#/100ml
1999-06-30	13:05:00	EST	21SC60WQ_WQX-C-048	Turbidity	Total	3.5	NTU
1999-06-30	13:05:00	EST	21SC60WQ_WQX-C-048	Depth		0.3	m
1999-06-30	13:05:00	EST	21SC60WQ_WQX-C-048	Dissolved oxygen (DO)		5.2	mg/l
1999-06-30	13:05:00	EST	21SC60WQ_WQX-C-048	pH		5.91	None

1999-06-30	13:05:00	EST	21SC60WQ_WQX-C-048	Temperature, water		27	deg C
1999-07-19	10:25:00	EST	21SC60WQ_WQX-C-048	Enterococcu	Total	1	#/100ml
1999-07-19	10:25:00	EST	21SC60WQ_WQX-C-048	Fecal Colifoı	Total	230	#/100ml
1999-07-19	10:25:00	EST	21SC60WQ_WQX-C-048	Inorganic ni	Total		
1999-07-19	10:25:00	EST	21SC60WQ_WQX-C-048	Turbidity	Total	2.1	NTU
1999-07-19	10:25:00	EST	21SC60WQ_WQX-C-048	Depth		0.3	m
1999-07-19	10:25:00	EST	21SC60WQ_WQX-C-048	Dissolved oxygen (DO)		4.4	mg/l
1999-07-19	10:25:00	EST	21SC60WQ_WQX-C-048	pH		6.26	None
1999-07-19	10:25:00	EST	21SC60WQ_WQX-C-048	Temperature, water		28	deg C
1999-08-10	08:45:00	EST	21SC60WQ_WQX-C-048	Enterococcu	Total		
1999-08-10	08:45:00	EST	21SC60WQ_WQX-C-048	Fecal Colifoı	Total	6	#/100ml
1999-08-10	08:45:00	EST	21SC60WQ_WQX-C-048	Inorganic ni	Total		
1999-08-10	08:45:00	EST	21SC60WQ_WQX-C-048	Turbidity	Total	1.8	NTU
1999-08-10	08:45:00	EST	21SC60WQ_WQX-C-048	Depth		0.3	m
1999-08-10	08:45:00	EST	21SC60WQ_WQX-C-048	Dissolved oxygen (DO)		3	mg/l
1999-08-10	08:45:00	EST	21SC60WQ_WQX-C-048	pH		6.3	None
1999-08-10	08:45:00	EST	21SC60WQ_WQX-C-048	Temperature, water		28	deg C
1999-09-16	12:30:00	EST	21SC60WQ_WQX-C-048	Enterococcu	Total	3	#/100ml
1999-09-16	12:30:00	EST	21SC60WQ_WQX-C-048	Fecal Colifoı	Total	110	#/100ml
1999-09-16	12:30:00	EST	21SC60WQ_WQX-C-048	Inorganic ni	Total		
1999-09-16	12:30:00	EST	21SC60WQ_WQX-C-048	Turbidity	Total	2.8	NTU
1999-09-16	12:30:00	EST	21SC60WQ_WQX-C-048	Depth		0.3	m
1999-09-16	12:30:00	EST	21SC60WQ_WQX-C-048	Dissolved oxygen (DO)		4.3	mg/l
1999-09-16	12:30:00	EST	21SC60WQ_WQX-C-048	pH		6.07	None
1999-09-16	12:30:00	EST	21SC60WQ_WQX-C-048	Temperature, water		26.5	deg C
1999-10-20	12:10:00	EST	21SC60WQ_WQX-C-048	Enterococcu	Total	1	#/100ml
1999-10-20	12:10:00	EST	21SC60WQ_WQX-C-048	Fecal Colifoı	Total	10	#/100ml
1999-10-20	12:10:00	EST	21SC60WQ_WQX-C-048	Inorganic ni	Total		
1999-10-20	12:10:00	EST	21SC60WQ_WQX-C-048	Turbidity	Total	3.3	NTU
1999-10-20	12:10:00	EST	21SC60WQ_WQX-C-048	Depth		0.3	m
1999-10-20	12:10:00	EST	21SC60WQ_WQX-C-048	Dissolved oxygen (DO)		5.95	mg/l
1999-10-20	12:10:00	EST	21SC60WQ_WQX-C-048	pH		6.41	None
1999-10-20	12:10:00	EST	21SC60WQ_WQX-C-048	Temperature, water		19.5	deg C
2000-05-11	11:45:00	EST	21SC60WQ_WQX-C-048	Enterococcu	Total		
2000-05-11	11:45:00	EST	21SC60WQ_WQX-C-048	Fecal Colifoı	Total	1	#/100ml
2000-05-11	11:45:00	EST	21SC60WQ_WQX-C-048	Inorganic ni	Total		
2000-05-11	11:45:00	EST	21SC60WQ_WQX-C-048	Turbidity	Total	1.3	NTU
2000-05-11	11:45:00	EST	21SC60WQ_WQX-C-048	Depth		0.3	m
2000-05-11	11:45:00	EST	21SC60WQ_WQX-C-048	Dissolved oxygen (DO)		7	mg/l
2000-05-11	11:45:00	EST	21SC60WQ_WQX-C-048	pH		6.83	None
2000-05-11	11:45:00	EST	21SC60WQ_WQX-C-048	Temperature, water		26.5	deg C
2000-06-07	11:35:00	EST	21SC60WQ_WQX-C-048	Enterococcu	Total	2	#/100ml
2000-06-07	11:35:00	EST	21SC60WQ_WQX-C-048	Fecal Colifoı	Total	430	#/100ml
2000-06-07	11:35:00	EST	21SC60WQ_WQX-C-048	Inorganic ni	Total		
2000-06-07	11:35:00	EST	21SC60WQ_WQX-C-048	Turbidity	Total	12	NTU
2000-06-07	11:35:00	EST	21SC60WQ_WQX-C-048	Depth		0.3	m
2000-06-07	11:35:00	EST	21SC60WQ_WQX-C-048	Dissolved oxygen (DO)		3.85	mg/l
2000-06-07	11:35:00	EST	21SC60WQ_WQX-C-048	pH		6.31	None
2000-06-07	11:35:00	EST	21SC60WQ_WQX-C-048	Temperature, water		24.5	deg C
2000-07-19	13:20:00	EST	21SC60WQ_WQX-C-048	Enterococcu	Total	1	#/100ml
2000-07-19	13:20:00	EST	21SC60WQ_WQX-C-048	Fecal Colifoı	Total	41	#/100ml
2000-07-19	13:20:00	EST	21SC60WQ_WQX-C-048	Inorganic ni	Total		
2000-07-19	13:20:00	EST	21SC60WQ_WQX-C-048	Turbidity	Total	4.9	NTU
2000-07-19	13:20:00	EST	21SC60WQ_WQX-C-048	Depth		0.3	m

2000-07-19	13:20:00	EST	21SC60WQ_WQX-C-048	Dissolved oxygen (DO)		4.8	mg/l
2000-07-19	13:20:00	EST	21SC60WQ_WQX-C-048	pH		6.8	None
2000-07-19	13:20:00	EST	21SC60WQ_WQX-C-048	Temperature, water		31	deg C
2000-08-02	11:05:00	EST	21SC60WQ_WQX-C-048	Enterococcu	Total		
2000-08-02	11:05:00	EST	21SC60WQ_WQX-C-048	Fecal Colifo	Total	160	#/100ml
2000-08-02	11:05:00	EST	21SC60WQ_WQX-C-048	Inorganic ni	Total		
2000-08-02	11:05:00	EST	21SC60WQ_WQX-C-048	Turbidity	Total	4	NTU
2000-08-02	11:05:00	EST	21SC60WQ_WQX-C-048	Depth		0.3	m
2000-08-02	11:05:00	EST	21SC60WQ_WQX-C-048	Dissolved oxygen (DO)		5.25	mg/l
2000-08-02	11:05:00	EST	21SC60WQ_WQX-C-048	pH		6.29	None
2000-08-02	11:05:00	EST	21SC60WQ_WQX-C-048	Temperature, water		29.5	deg C
2000-09-06	12:30:00	EST	21SC60WQ_WQX-C-048	Enterococcu	Total	2	#/100ml
2000-09-06	12:30:00	EST	21SC60WQ_WQX-C-048	Fecal Colifo	Total	230	#/100ml
2000-09-06	12:30:00	EST	21SC60WQ_WQX-C-048	Inorganic ni	Total		
2000-09-06	12:30:00	EST	21SC60WQ_WQX-C-048	Turbidity	Total	8.1	NTU
2000-09-06	12:30:00	EST	21SC60WQ_WQX-C-048	Depth		0.3	m
2000-09-06	12:30:00	EST	21SC60WQ_WQX-C-048	Dissolved oxygen (DO)		3.85	mg/l
2000-09-06	12:30:00	EST	21SC60WQ_WQX-C-048	pH		6.29	None
2000-09-06	12:30:00	EST	21SC60WQ_WQX-C-048	Temperature, water		25.5	deg C
2000-10-10	08:50:00	EST	21SC60WQ_WQX-C-048	Enterococcu	Total	3	#/100ml
2000-10-10	08:50:00	EST	21SC60WQ_WQX-C-048	Fecal Colifo	Total	44	#/100ml
2000-10-10	08:50:00	EST	21SC60WQ_WQX-C-048	Inorganic ni	Total		
2000-10-10	08:50:00	EST	21SC60WQ_WQX-C-048	Turbidity	Total	3.4	NTU
2000-10-10	08:50:00	EST	21SC60WQ_WQX-C-048	Depth		0.3	m
2000-10-10	08:50:00	EST	21SC60WQ_WQX-C-048	Dissolved oxygen (DO)		6.3	mg/l
2000-10-10	08:50:00	EST	21SC60WQ_WQX-C-048	pH		5.36	None
2000-10-10	08:50:00	EST	21SC60WQ_WQX-C-048	Temperature, water		15.5	deg C
2001-01-10	08:15:00	EST	21SC60WQ_WQX-C-048	Alkalinity, to	Total	10	mg/l
2001-01-10	08:15:00	EST	21SC60WQ_WQX-C-048	Biochemical	Total		
2001-01-10	08:15:00	EST	21SC60WQ_WQX-C-048	Enterococcu	Total	1	#/100ml
2001-01-10	08:15:00	EST	21SC60WQ_WQX-C-048	Fecal Colifo	Total	6	#/100ml
2001-01-10	08:15:00	EST	21SC60WQ_WQX-C-048	Inorganic ni	Total	0.16	mg/l
2001-01-10	08:15:00	EST	21SC60WQ_WQX-C-048	Turbidity	Total	3.9	NTU
2001-01-10	08:15:00	EST	21SC60WQ_WQX-C-048	Depth		0.3	m
2001-01-10	08:15:00	EST	21SC60WQ_WQX-C-048	Dissolved oxygen (DO)		10.2	mg/l
2001-01-10	08:15:00	EST	21SC60WQ_WQX-C-048	pH		6.15	None
2001-01-10	08:15:00	EST	21SC60WQ_WQX-C-048	Temperature, water		4.5	deg C
2001-03-26	10:35:00	EST	21SC60WQ_WQX-C-048	Alkalinity, to	Total	3	mg/l
2001-03-26	10:35:00	EST	21SC60WQ_WQX-C-048	Biochemical	Total		
2001-03-26	10:35:00	EST	21SC60WQ_WQX-C-048	Enterococcu	Total	2	#/100ml
2001-03-26	10:35:00	EST	21SC60WQ_WQX-C-048	Fecal Colifo	Total	3	#/100ml
2001-03-26	10:35:00	EST	21SC60WQ_WQX-C-048	Inorganic ni	Total	0.04	mg/l
2001-03-26	10:35:00	EST	21SC60WQ_WQX-C-048	Turbidity	Total	6.2	NTU
2001-03-26	10:35:00	EST	21SC60WQ_WQX-C-048	Depth		0.3	m
2001-03-26	10:35:00	EST	21SC60WQ_WQX-C-048	Dissolved oxygen (DO)		9.48	mg/l
2001-03-26	10:35:00	EST	21SC60WQ_WQX-C-048	pH		7.3	None
2001-03-26	10:35:00	EST	21SC60WQ_WQX-C-048	Temperature, water		15.1	deg C
2001-04-03	12:20:00	EST	21SC60WQ_WQX-C-048	Biochemical	Total		
2001-04-03	12:20:00	EST	21SC60WQ_WQX-C-048	Enterococcu	Total	1	#/100ml
2001-04-03	12:20:00	EST	21SC60WQ_WQX-C-048	Fecal Colifo	Total	4	#/100ml
2001-04-03	12:20:00	EST	21SC60WQ_WQX-C-048	Ammonia	Total		
2001-04-03	12:20:00	EST	21SC60WQ_WQX-C-048	Inorganic ni	Total		
2001-04-03	12:20:00	EST	21SC60WQ_WQX-C-048	Turbidity	Total	5.4	NTU
2001-05-15	08:40:00	EST	21SC60WQ_WQX-C-048	Alkalinity, to	Total	6	mg/l

2001-05-15	08:40:00	EST	21SC60WQ_WQX-C-048	Cadmium	Total		
2001-05-15	08:40:00	EST	21SC60WQ_WQX-C-048	Chromium	Total		
2001-05-15	08:40:00	EST	21SC60WQ_WQX-C-048	Copper	Total		
2001-05-15	08:40:00	EST	21SC60WQ_WQX-C-048	Enterococcu	Total	1	#/100ml
2001-05-15	08:40:00	EST	21SC60WQ_WQX-C-048	Fecal Colifor	Total	1	#/100ml
2001-05-15	08:40:00	EST	21SC60WQ_WQX-C-048	Iron	Total	1	mg/l
2001-05-15	08:40:00	EST	21SC60WQ_WQX-C-048	Lead	Total		
2001-05-15	08:40:00	EST	21SC60WQ_WQX-C-048	Manganese	Total	0.02	mg/l
2001-05-15	08:40:00	EST	21SC60WQ_WQX-C-048	Mercury	Total		
2001-05-15	08:40:00	EST	21SC60WQ_WQX-C-048	Nickel	Total		
2001-05-15	08:40:00	EST	21SC60WQ_WQX-C-048	Inorganic ni	Total		
2001-05-15	08:40:00	EST	21SC60WQ_WQX-C-048	Turbidity	Total	3.1	NTU
2001-05-15	08:40:00	EST	21SC60WQ_WQX-C-048	Zinc	Total	0.01	mg/l
2001-05-15	08:40:00	EST	21SC60WQ_WQX-C-048	Chlorophyll a, corrected		4.98	ug/l
2001-06-19	13:45:00	EST	21SC60WQ_WQX-C-048	Alkalinity, to	Total	4	mg/l
2001-06-19	13:45:00	EST	21SC60WQ_WQX-C-048	Biochemical	Total	2.3	mg/l
2001-06-19	13:45:00	EST	21SC60WQ_WQX-C-048	Enterococcu	Total	3	#/100ml
2001-06-19	13:45:00	EST	21SC60WQ_WQX-C-048	Fecal Colifor	Total	91	#/100ml
2001-06-19	13:45:00	EST	21SC60WQ_WQX-C-048	Kjeldahl nitr	Total	0.57	mg/l
2001-06-19	13:45:00	EST	21SC60WQ_WQX-C-048	Ammonia	Total	0.069	mg/l
2001-06-19	13:45:00	EST	21SC60WQ_WQX-C-048	Inorganic ni	Total		
2001-06-19	13:45:00	EST	21SC60WQ_WQX-C-048	Turbidity	Total	11	NTU
2001-06-19	13:45:00	EST	21SC60WQ_WQX-C-048	Nitrogen	Total		
2001-06-19	13:45:00	EST	21SC60WQ_WQX-C-048	Depth		0.3	m
2001-06-19	13:45:00	EST	21SC60WQ_WQX-C-048	Dissolved oxygen (DO)		5.53	mg/l
2001-06-19	13:45:00	EST	21SC60WQ_WQX-C-048	pH		6.5	None
2001-06-19	13:45:00	EST	21SC60WQ_WQX-C-048	Temperature, water		29	deg C
2001-07-17	13:10:00	EST	21SC60WQ_WQX-C-048	Alkalinity, to	Total	4.4	mg/l
2001-07-17	13:10:00	EST	21SC60WQ_WQX-C-048	Biochemical	Total		
2001-07-17	13:10:00	EST	21SC60WQ_WQX-C-048	Enterococcu	Total	2	#/100ml
2001-07-17	13:10:00	EST	21SC60WQ_WQX-C-048	Fecal Colifor	Total	46	#/100ml
2001-07-17	13:10:00	EST	21SC60WQ_WQX-C-048	Inorganic ni	Total		
2001-07-17	13:10:00	EST	21SC60WQ_WQX-C-048	Turbidity	Total	2.9	NTU
2001-07-17	13:10:00	EST	21SC60WQ_WQX-C-048	Depth		0.3	m
2001-07-17	13:10:00	EST	21SC60WQ_WQX-C-048	Dissolved oxygen (DO)		5.69	mg/l
2001-07-17	13:10:00	EST	21SC60WQ_WQX-C-048	pH		6.43	None
2001-07-17	13:10:00	EST	21SC60WQ_WQX-C-048	Temperature, water		31.2	deg C
2001-08-08	08:50:00	EST	21SC60WQ_WQX-C-048	Biochemical	Total		
2001-08-08	08:50:00	EST	21SC60WQ_WQX-C-048	Cadmium	Total		
2001-08-08	08:50:00	EST	21SC60WQ_WQX-C-048	Organic carl	Total	5.6	mg/l
2001-08-08	08:50:00	EST	21SC60WQ_WQX-C-048	Chromium	Total		
2001-08-08	08:50:00	EST	21SC60WQ_WQX-C-048	Copper	Total		
2001-08-08	08:50:00	EST	21SC60WQ_WQX-C-048	Enterococcu	Total	5	#/100ml
2001-08-08	08:50:00	EST	21SC60WQ_WQX-C-048	Fecal Colifor	Total	5	#/100ml
2001-08-08	08:50:00	EST	21SC60WQ_WQX-C-048	Iron	Total	0.77	mg/l
2001-08-08	08:50:00	EST	21SC60WQ_WQX-C-048	Lead	Total		
2001-08-08	08:50:00	EST	21SC60WQ_WQX-C-048	Manganese	Total	0.042	mg/l
2001-08-08	08:50:00	EST	21SC60WQ_WQX-C-048	Mercury	Total		
2001-08-08	08:50:00	EST	21SC60WQ_WQX-C-048	Nickel	Total		
2001-08-08	08:50:00	EST	21SC60WQ_WQX-C-048	Kjeldahl nitr	Total	0.36	mg/l
2001-08-08	08:50:00	EST	21SC60WQ_WQX-C-048	Ammonia	Total		
2001-08-08	08:50:00	EST	21SC60WQ_WQX-C-048	Inorganic ni	Total		
2001-08-08	08:50:00	EST	21SC60WQ_WQX-C-048	Turbidity	Total	2.2	NTU
2001-08-08	08:50:00	EST	21SC60WQ_WQX-C-048	Zinc	Total		

2001-08-08	08:50:00	EST	21SC60WQ_WQX-C-048	Nitrogen	Total		
2001-08-08	08:50:00	EST	21SC60WQ_WQX-C-048	Depth		0.3	m
2001-08-08	08:50:00	EST	21SC60WQ_WQX-C-048	Dissolved oxygen (DO)		5.31	mg/l
2001-08-08	08:50:00	EST	21SC60WQ_WQX-C-048	pH		7.42	None
2001-08-08	08:50:00	EST	21SC60WQ_WQX-C-048	Temperature, water		28.3	deg C
2001-09-10	09:45:00	EST	21SC60WQ_WQX-C-048	Alkalinity, to	Total	4.9	mg/l
2001-09-10	09:45:00	EST	21SC60WQ_WQX-C-048	Biochemical	Total		
2001-09-10	09:45:00	EST	21SC60WQ_WQX-C-048	Enterococcu	Total		
2001-09-10	09:45:00	EST	21SC60WQ_WQX-C-048	Fecal Colifor	Total	8	#/100ml
2001-09-10	09:45:00	EST	21SC60WQ_WQX-C-048	Inorganic ni	Total		
2001-09-10	09:45:00	EST	21SC60WQ_WQX-C-048	Turbidity	Total	3.5	NTU
2001-09-10	09:45:00	EST	21SC60WQ_WQX-C-048	Depth		0.3	m
2001-09-10	09:45:00	EST	21SC60WQ_WQX-C-048	Dissolved oxygen (DO)		5.8	mg/l
2001-09-10	09:45:00	EST	21SC60WQ_WQX-C-048	pH		6.75	None
2001-09-10	09:45:00	EST	21SC60WQ_WQX-C-048	Temperature, water		26.1	deg C
2001-10-24	11:45:00	EST	21SC60WQ_WQX-C-048	Biochemical	Total		
2001-10-24	11:45:00	EST	21SC60WQ_WQX-C-048	Enterococcu	Total		
2001-10-24	11:45:00	EST	21SC60WQ_WQX-C-048	Fecal Colifor	Total	1	#/100ml
2001-10-24	11:45:00	EST	21SC60WQ_WQX-C-048	Kjeldahl nitr	Total	0.3	mg/l
2001-10-24	11:45:00	EST	21SC60WQ_WQX-C-048	Ammonia	Total		
2001-10-24	11:45:00	EST	21SC60WQ_WQX-C-048	Inorganic ni	Total		
2001-10-24	11:45:00	EST	21SC60WQ_WQX-C-048	Turbidity	Total	1.9	NTU
2001-10-24	11:45:00	EST	21SC60WQ_WQX-C-048	Nitrogen	Total		
2001-10-24	11:45:00	EST	21SC60WQ_WQX-C-048	Chlorophyll a, corrected		5.48	ug/l
2001-10-24	11:45:00	EST	21SC60WQ_WQX-C-048	Depth		0.3	m
2001-10-24	11:45:00	EST	21SC60WQ_WQX-C-048	Dissolved oxygen (DO)		8.34	mg/l
2001-10-24	11:45:00	EST	21SC60WQ_WQX-C-048	pH		7.15	None
2001-10-24	11:45:00	EST	21SC60WQ_WQX-C-048	Temperature, water		21.5	deg C
2001-11-28	09:25:00	EST	21SC60WQ_WQX-C-048	Alkalinity, to	Total	4.6	mg/l
2001-11-28	09:25:00	EST	21SC60WQ_WQX-C-048	Biochemical	Total		
2001-11-28	09:25:00	EST	21SC60WQ_WQX-C-048	Cadmium	Total		
2001-11-28	09:25:00	EST	21SC60WQ_WQX-C-048	Organic carl	Total	5	mg/l
2001-11-28	09:25:00	EST	21SC60WQ_WQX-C-048	Chromium	Total		
2001-11-28	09:25:00	EST	21SC60WQ_WQX-C-048	Copper	Total		
2001-11-28	09:25:00	EST	21SC60WQ_WQX-C-048	Enterococcu	Total	2	#/100ml
2001-11-28	09:25:00	EST	21SC60WQ_WQX-C-048	Fecal Colifor	Total	36	#/100ml
2001-11-28	09:25:00	EST	21SC60WQ_WQX-C-048	Iron	Total	0.21	mg/l
2001-11-28	09:25:00	EST	21SC60WQ_WQX-C-048	Lead	Total		
2001-11-28	09:25:00	EST	21SC60WQ_WQX-C-048	Manganese	Total	0.01	mg/l
2001-11-28	09:25:00	EST	21SC60WQ_WQX-C-048	Mercury	Total		
2001-11-28	09:25:00	EST	21SC60WQ_WQX-C-048	Nickel	Total		
2001-11-28	09:25:00	EST	21SC60WQ_WQX-C-048	Inorganic ni	Total		
2001-11-28	09:25:00	EST	21SC60WQ_WQX-C-048	Turbidity	Total	1.9	NTU
2001-11-28	09:25:00	EST	21SC60WQ_WQX-C-048	Zinc	Total		
2001-11-28	09:25:00	EST	21SC60WQ_WQX-C-048	Depth		0.3	m
2001-11-28	09:25:00	EST	21SC60WQ_WQX-C-048	Dissolved oxygen (DO)		9.13	mg/l
2001-11-28	09:25:00	EST	21SC60WQ_WQX-C-048	pH		5.52	None
2001-11-28	09:25:00	EST	21SC60WQ_WQX-C-048	Temperature, water		18	deg C
2001-12-04	09:10:00	EST	21SC60WQ_WQX-C-048	Alkalinity, to	Total	0	mg/l
2001-12-04	09:10:00	EST	21SC60WQ_WQX-C-048	Biochemical	Total		
2001-12-04	09:10:00	EST	21SC60WQ_WQX-C-048	Enterococcu	Total	1	#/100ml
2001-12-04	09:10:00	EST	21SC60WQ_WQX-C-048	Fecal Colifor	Total	4	#/100ml
2001-12-04	09:10:00	EST	21SC60WQ_WQX-C-048	Kjeldahl nitr	Total	0.24	mg/l
2001-12-04	09:10:00	EST	21SC60WQ_WQX-C-048	Ammonia	Total		

2001-12-04	09:10:00	EST	21SC60WQ_WQX-C-048	Inorganic ni	Total		
2001-12-04	09:10:00	EST	21SC60WQ_WQX-C-048	Turbidity	Total	2.7	NTU
2001-12-04	09:10:00	EST	21SC60WQ_WQX-C-048	Nitrogen	Total		
2001-12-04	09:10:00	EST	21SC60WQ_WQX-C-048	Depth		0.3	m
2001-12-04	09:10:00	EST	21SC60WQ_WQX-C-048	Dissolved oxygen (DO)		6.79	mg/l
2001-12-04	09:10:00	EST	21SC60WQ_WQX-C-048	pH		6.01	None
2001-12-04	09:10:00	EST	21SC60WQ_WQX-C-048	Temperature, water		14.5	deg C
2006-01-26	12:00:00	EST	21SC60WQ_WQX-C-048	Alkalinity, to	Total	3	mg/l
2006-01-26	12:00:00	EST	21SC60WQ_WQX-C-048	Biochemical	Total	2.1	mg/l
2006-01-26	12:00:00	EST	21SC60WQ_WQX-C-048	Enterococcu	Total		
2006-01-26	12:00:00	EST	21SC60WQ_WQX-C-048	Fecal Colifor	Total	3	#/100ml
2006-01-26	12:00:00	EST	21SC60WQ_WQX-C-048	Kjeldahl nitr	Total	0.36	mg/l
2006-01-26	12:00:00	EST	21SC60WQ_WQX-C-048	Ammonia		0.24	mg/l
2006-01-26	12:00:00	EST	21SC60WQ_WQX-C-048	Inorganic ni	Total	0.079	mg/l
2006-01-26	12:00:00	EST	21SC60WQ_WQX-C-048	Phosphorus	Total		
2006-01-26	12:00:00	EST	21SC60WQ_WQX-C-048	Turbidity	Total	6.6	NTU
2006-01-26	12:00:00	EST	21SC60WQ_WQX-C-048	Nitrogen	Total	0.439	mg/l
2006-01-26	12:00:00	EST	21SC60WQ_WQX-C-048	Depth		0.3	m
2006-01-26	12:00:00	EST	21SC60WQ_WQX-C-048	Dissolved oxygen (DO)		8.46	mg/l
2006-01-26	12:00:00	EST	21SC60WQ_WQX-C-048	pH		6.27	None
2006-01-26	12:00:00	EST	21SC60WQ_WQX-C-048	Temperature, water		11.4	deg C
2006-02-28	09:50:00	EST	21SC60WQ_WQX-C-048	Alkalinity, to	Total	3.1	mg/l
2006-02-28	09:50:00	EST	21SC60WQ_WQX-C-048	Biochemical	Total		
2006-02-28	09:50:00	EST	21SC60WQ_WQX-C-048	Cadmium	Total		
2006-02-28	09:50:00	EST	21SC60WQ_WQX-C-048	Calcium	Total	1.4	mg/l
2006-02-28	09:50:00	EST	21SC60WQ_WQX-C-048	Organic carl	Total	5.4	mg/l
2006-02-28	09:50:00	EST	21SC60WQ_WQX-C-048	Chromium	Total		
2006-02-28	09:50:00	EST	21SC60WQ_WQX-C-048	Copper	Total		
2006-02-28	09:50:00	EST	21SC60WQ_WQX-C-048	Enterococcu	Total	2	#/100ml
2006-02-28	09:50:00	EST	21SC60WQ_WQX-C-048	Fecal Colifor	Total	9	#/100ml
2006-02-28	09:50:00	EST	21SC60WQ_WQX-C-048	Hardness, C	Total	5.2	mg/l
2006-02-28	09:50:00	EST	21SC60WQ_WQX-C-048	Iron	Total	0.28	mg/l
2006-02-28	09:50:00	EST	21SC60WQ_WQX-C-048	Lead	Total		
2006-02-28	09:50:00	EST	21SC60WQ_WQX-C-048	Magnesium	Total	0.42	mg/l
2006-02-28	09:50:00	EST	21SC60WQ_WQX-C-048	Manganese	Total	0.01	mg/l
2006-02-28	09:50:00	EST	21SC60WQ_WQX-C-048	Mercury	Total		
2006-02-28	09:50:00	EST	21SC60WQ_WQX-C-048	Nickel	Total		
2006-02-28	09:50:00	EST	21SC60WQ_WQX-C-048	Kjeldahl nitr	Total	0.41	mg/l
2006-02-28	09:50:00	EST	21SC60WQ_WQX-C-048	Ammonia		0.11	mg/l
2006-02-28	09:50:00	EST	21SC60WQ_WQX-C-048	Phosphorus	Total		
2006-02-28	09:50:00	EST	21SC60WQ_WQX-C-048	Turbidity	Total	6.5	NTU
2006-02-28	09:50:00	EST	21SC60WQ_WQX-C-048	Zinc	Total		
2006-02-28	09:50:00	EST	21SC60WQ_WQX-C-048	Depth		0.3	m
2006-02-28	09:50:00	EST	21SC60WQ_WQX-C-048	Dissolved oxygen (DO)		10.08	mg/l
2006-02-28	09:50:00	EST	21SC60WQ_WQX-C-048	pH		7.17	None
2006-02-28	09:50:00	EST	21SC60WQ_WQX-C-048	Temperature, water		11.8	deg C
2006-03-15	10:10:00	EST	21SC60WQ_WQX-C-048	Alkalinity, to	Total	3	mg/l
2006-03-15	10:10:00	EST	21SC60WQ_WQX-C-048	Biochemical	Total		
2006-03-15	10:10:00	EST	21SC60WQ_WQX-C-048	Enterococcu	Total	4	#/100ml
2006-03-15	10:10:00	EST	21SC60WQ_WQX-C-048	Fecal Colifor	Total	45	#/100ml
2006-03-15	10:10:00	EST	21SC60WQ_WQX-C-048	Kjeldahl nitr	Total	0.7	mg/l
2006-03-15	10:10:00	EST	21SC60WQ_WQX-C-048	Ammonia		0.18	mg/l
2006-03-15	10:10:00	EST	21SC60WQ_WQX-C-048	Inorganic ni	Total	0.11	mg/l
2006-03-15	10:10:00	EST	21SC60WQ_WQX-C-048	Phosphorus	Total		

2006-03-15	10:10:00	EST	21SC60WQ_WQX-C-048	Turbidity	Total	5	NTU
2006-03-15	10:10:00	EST	21SC60WQ_WQX-C-048	Nitrogen	Total	0.81	mg/l
2006-03-15	10:10:00	EST	21SC60WQ_WQX-C-048	Depth		0.3	m
2006-03-15	10:10:00	EST	21SC60WQ_WQX-C-048	Dissolved oxygen (DO)		6.7	mg/l
2006-03-15	10:10:00	EST	21SC60WQ_WQX-C-048	pH		6.36	None
2006-03-15	10:10:00	EST	21SC60WQ_WQX-C-048	Temperature, water		17.5	deg C
2006-04-25	12:35:00	EST	21SC60WQ_WQX-C-048	Alkalinity, to	Total	3.4	mg/l
2006-04-25	12:35:00	EST	21SC60WQ_WQX-C-048	Biochemical	Total	3.7	mg/l
2006-04-25	12:35:00	EST	21SC60WQ_WQX-C-048	Enterococcu	Total	3	#/100ml
2006-04-25	12:35:00	EST	21SC60WQ_WQX-C-048	Fecal Colifor	Total		
2006-04-25	12:35:00	EST	21SC60WQ_WQX-C-048	Kjeldahl nitr	Total	0.53	mg/l
2006-04-25	12:35:00	EST	21SC60WQ_WQX-C-048	Ammonia		0.23	mg/l
2006-04-25	12:35:00	EST	21SC60WQ_WQX-C-048	Inorganic ni	Total	0.023	mg/l
2006-04-25	12:35:00	EST	21SC60WQ_WQX-C-048	Phosphorus	Total		
2006-04-25	12:35:00	EST	21SC60WQ_WQX-C-048	Turbidity	Total	2.3	NTU
2006-04-25	12:35:00	EST	21SC60WQ_WQX-C-048	Nitrogen	Total	0.553	mg/l
2006-04-25	12:35:00	EST	21SC60WQ_WQX-C-048	Depth		0.3	m
2006-04-25	12:35:00	EST	21SC60WQ_WQX-C-048	Dissolved oxygen (DO)		6.71	mg/l
2006-04-25	12:35:00	EST	21SC60WQ_WQX-C-048	pH		6.3	None
2006-04-25	12:35:00	EST	21SC60WQ_WQX-C-048	Temperature, water		27.8	deg C
2006-05-08	09:45:00	EST	21SC60WQ_WQX-C-048	Alkalinity, to	Total	4	mg/l
2006-05-08	09:45:00	EST	21SC60WQ_WQX-C-048	Biochemical	Total	2.2	mg/l
2006-05-08	09:45:00	EST	21SC60WQ_WQX-C-048	Cadmium	Total		
2006-05-08	09:45:00	EST	21SC60WQ_WQX-C-048	Organic carl	Total	5.8	mg/l
2006-05-08	09:45:00	EST	21SC60WQ_WQX-C-048	Chromium	Total		
2006-05-08	09:45:00	EST	21SC60WQ_WQX-C-048	Copper	Total		
2006-05-08	09:45:00	EST	21SC60WQ_WQX-C-048	Enterococcu	Total	17	#/100ml
2006-05-08	09:45:00	EST	21SC60WQ_WQX-C-048	Fecal Colifor	Total	44	#/100ml
2006-05-08	09:45:00	EST	21SC60WQ_WQX-C-048	Iron	Total	0.8	mg/l
2006-05-08	09:45:00	EST	21SC60WQ_WQX-C-048	Lead	Total		
2006-05-08	09:45:00	EST	21SC60WQ_WQX-C-048	Manganese	Total	0.019	mg/l
2006-05-08	09:45:00	EST	21SC60WQ_WQX-C-048	Mercury	Total		
2006-05-08	09:45:00	EST	21SC60WQ_WQX-C-048	Nickel	Total		
2006-05-08	09:45:00	EST	21SC60WQ_WQX-C-048	Kjeldahl nitr	Total	0.52	mg/l
2006-05-08	09:45:00	EST	21SC60WQ_WQX-C-048	Ammonia		0.42	mg/l
2006-05-08	09:45:00	EST	21SC60WQ_WQX-C-048	Inorganic ni	Total		
2006-05-08	09:45:00	EST	21SC60WQ_WQX-C-048	Phosphorus	Total	0.043	mg/l
2006-05-08	09:45:00	EST	21SC60WQ_WQX-C-048	Turbidity	Total	2.1	NTU
2006-05-08	09:45:00	EST	21SC60WQ_WQX-C-048	Zinc	Total	0.027	mg/l
2006-05-08	09:45:00	EST	21SC60WQ_WQX-C-048	Nitrogen	Total		
2006-05-08	09:45:00	EST	21SC60WQ_WQX-C-048	Depth		0.3	m
2006-05-08	09:45:00	EST	21SC60WQ_WQX-C-048	Dissolved oxygen (DO)		5.35	mg/l
2006-05-08	09:45:00	EST	21SC60WQ_WQX-C-048	pH		6.66	None
2006-05-08	09:45:00	EST	21SC60WQ_WQX-C-048	Temperature, water		21.1	deg C
2006-06-06	11:30:00	EST	21SC60WQ_WQX-C-048	Alkalinity, to	Total	3.4	mg/l
2006-06-06	11:30:00	EST	21SC60WQ_WQX-C-048	Biochemical	Total	3.3	mg/l
2006-06-06	11:30:00	EST	21SC60WQ_WQX-C-048	Enterococcu	Total		
2006-06-06	11:30:00	EST	21SC60WQ_WQX-C-048	Fecal Colifor	Total	26	#/100ml
2006-06-06	11:30:00	EST	21SC60WQ_WQX-C-048	Kjeldahl nitr	Total	0.22	mg/l
2006-06-06	11:30:00	EST	21SC60WQ_WQX-C-048	Inorganic ni	Total		
2006-06-06	11:30:00	EST	21SC60WQ_WQX-C-048	Phosphorus	Total		
2006-06-06	11:30:00	EST	21SC60WQ_WQX-C-048	Turbidity	Total	3.4	NTU
2006-06-06	11:30:00	EST	21SC60WQ_WQX-C-048	Nitrogen	Total		
2006-06-06	11:30:00	EST	21SC60WQ_WQX-C-048	Dissolved oxygen (DO)		6.58	mg/l

2006-06-06	11:30:00	EST	21SC60WQ_WQX-C-048	pH		6.36	None
2006-06-06	11:30:00	EST	21SC60WQ_WQX-C-048	Temperature, water		26.1	deg C
2006-07-12	12:55:00	EST	21SC60WQ_WQX-C-048	Alkalinity, to	Total	4.5	mg/l
2006-07-12	12:55:00	EST	21SC60WQ_WQX-C-048	Biochemical	Total		
2006-07-12	12:55:00	EST	21SC60WQ_WQX-C-048	Enterococcu	Total		
2006-07-12	12:55:00	EST	21SC60WQ_WQX-C-048	Fecal Colifor	Total	3	#/100ml
2006-07-12	12:55:00	EST	21SC60WQ_WQX-C-048	Kjeldahl nitr	Total	0.52	mg/l
2006-07-12	12:55:00	EST	21SC60WQ_WQX-C-048	Ammonia		0.26	mg/l
2006-07-12	12:55:00	EST	21SC60WQ_WQX-C-048	Inorganic ni	Total		
2006-07-12	12:55:00	EST	21SC60WQ_WQX-C-048	Phosphorus	Total	0.034	mg/l
2006-07-12	12:55:00	EST	21SC60WQ_WQX-C-048	Turbidity	Total	2	NTU
2006-07-12	12:55:00	EST	21SC60WQ_WQX-C-048	Nitrogen	Total		
2006-07-12	12:55:00	EST	21SC60WQ_WQX-C-048	Chlorophyll a, corrected		7.18	ug/l
2006-07-12	12:55:00	EST	21SC60WQ_WQX-C-048	Depth		0.3	m
2006-07-12	12:55:00	EST	21SC60WQ_WQX-C-048	Dissolved oxygen (DO)		8.14	mg/l
2006-07-12	12:55:00	EST	21SC60WQ_WQX-C-048	pH		6.41	None
2006-07-12	12:55:00	EST	21SC60WQ_WQX-C-048	Temperature, water		34.3	deg C
2006-08-28	12:20:00	EST	21SC60WQ_WQX-C-048	Alkalinity, to	Total	5.4	mg/l
2006-08-28	12:20:00	EST	21SC60WQ_WQX-C-048	Biochemical	Total	3.6	mg/l
2006-08-28	12:20:00	EST	21SC60WQ_WQX-C-048	Cadmium	Total		
2006-08-28	12:20:00	EST	21SC60WQ_WQX-C-048	Organic carl	Total	8.5	mg/l
2006-08-28	12:20:00	EST	21SC60WQ_WQX-C-048	Chromium	Total		
2006-08-28	12:20:00	EST	21SC60WQ_WQX-C-048	Copper	Total		
2006-08-28	12:20:00	EST	21SC60WQ_WQX-C-048	Enterococcu	Total		
2006-08-28	12:20:00	EST	21SC60WQ_WQX-C-048	Fecal Colifor	Total	2	#/100ml
2006-08-28	12:20:00	EST	21SC60WQ_WQX-C-048	Iron	Total	0.81	mg/l
2006-08-28	12:20:00	EST	21SC60WQ_WQX-C-048	Lead	Total		
2006-08-28	12:20:00	EST	21SC60WQ_WQX-C-048	Manganese	Total	0.025	mg/l
2006-08-28	12:20:00	EST	21SC60WQ_WQX-C-048	Mercury	Total		
2006-08-28	12:20:00	EST	21SC60WQ_WQX-C-048	Nickel	Total		
2006-08-28	12:20:00	EST	21SC60WQ_WQX-C-048	Kjeldahl nitr	Total	0.84	mg/l
2006-08-28	12:20:00	EST	21SC60WQ_WQX-C-048	Ammonia			
2006-08-28	12:20:00	EST	21SC60WQ_WQX-C-048	Inorganic ni	Total		
2006-08-28	12:20:00	EST	21SC60WQ_WQX-C-048	Phosphorus	Total	0.029	mg/l
2006-08-28	12:20:00	EST	21SC60WQ_WQX-C-048	Turbidity	Total	3	NTU
2006-08-28	12:20:00	EST	21SC60WQ_WQX-C-048	Zinc	Total	0.018	mg/l
2006-08-28	12:20:00	EST	21SC60WQ_WQX-C-048	Nitrogen	Total		
2006-08-28	12:20:00	EST	21SC60WQ_WQX-C-048	Depth		0.3	m
2006-08-28	12:20:00	EST	21SC60WQ_WQX-C-048	Dissolved oxygen (DO)		4.68	mg/l
2006-08-28	12:20:00	EST	21SC60WQ_WQX-C-048	pH		6.28	None
2006-08-28	12:20:00	EST	21SC60WQ_WQX-C-048	Temperature, water		30.6	deg C
2006-09-09	09:40:00	EST	21SC60WQ_WQX-C-048	Alkalinity, to	Total	5.3	mg/l
2006-09-09	09:40:00	EST	21SC60WQ_WQX-C-048	Biochemical	Total	2.4	mg/l
2006-09-09	09:40:00	EST	21SC60WQ_WQX-C-048	Enterococcu	Total	4	#/100ml
2006-09-09	09:40:00	EST	21SC60WQ_WQX-C-048	Fecal Colifor	Total	230	#/100ml
2006-09-09	09:40:00	EST	21SC60WQ_WQX-C-048	Ammonia		0.054	mg/l
2006-09-09	09:40:00	EST	21SC60WQ_WQX-C-048	Inorganic ni	Total	0.022	mg/l
2006-09-09	09:40:00	EST	21SC60WQ_WQX-C-048	Phosphorus	Total		
2006-09-09	09:40:00	EST	21SC60WQ_WQX-C-048	Turbidity	Total	3.7	NTU
2006-09-09	09:40:00	EST	21SC60WQ_WQX-C-048	Depth		0.3	m
2006-09-09	09:40:00	EST	21SC60WQ_WQX-C-048	Dissolved oxygen (DO)		4.99	mg/l
2006-09-09	09:40:00	EST	21SC60WQ_WQX-C-048	pH		6.78	None
2006-09-09	09:40:00	EST	21SC60WQ_WQX-C-048	Temperature, water		25.5	deg C
2006-10-18	12:30:00	EST	21SC60WQ_WQX-C-048	Alkalinity, to	Total	4.5	mg/l

2006-10-18	12:30:00	EST	21SC60WQ_WQX-C-048	Biochemical	Total		
2006-10-18	12:30:00	EST	21SC60WQ_WQX-C-048	Enterococcu	Total	8	#/100ml
2006-10-18	12:30:00	EST	21SC60WQ_WQX-C-048	Fecal Colifor	Total	3	#/100ml
2006-10-18	12:30:00	EST	21SC60WQ_WQX-C-048	Kjeldahl nitr	Total	0.82	mg/l
2006-10-18	12:30:00	EST	21SC60WQ_WQX-C-048	Ammonia		0.11	mg/l
2006-10-18	12:30:00	EST	21SC60WQ_WQX-C-048	Inorganic ni	Total	0.021	mg/l
2006-10-18	12:30:00	EST	21SC60WQ_WQX-C-048	Phosphorus	Total	0.024	mg/l
2006-10-18	12:30:00	EST	21SC60WQ_WQX-C-048	Turbidity	Total	1.1	NTU
2006-10-18	12:30:00	EST	21SC60WQ_WQX-C-048	Nitrogen	Total	0.841	mg/l
2006-10-18	12:30:00	EST	21SC60WQ_WQX-C-048	Chlorophyll a, corrected		7.27	ug/l
2006-10-18	12:30:00	EST	21SC60WQ_WQX-C-048	Depth		0.3	m
2006-10-18	12:30:00	EST	21SC60WQ_WQX-C-048	Dissolved oxygen (DO)		6.39	mg/l
2006-10-18	12:30:00	EST	21SC60WQ_WQX-C-048	pH		6.41	None
2006-10-18	12:30:00	EST	21SC60WQ_WQX-C-048	Temperature, water		20.8	deg C
2006-11-08	09:05:00	EST	21SC60WQ_WQX-C-048	Alkalinity, to	Total	3.9	mg/l
2006-11-08	09:05:00	EST	21SC60WQ_WQX-C-048	Biochemical	Total	2.1	mg/l
2006-11-08	09:05:00	EST	21SC60WQ_WQX-C-048	Cadmium	Total		
2006-11-08	09:05:00	EST	21SC60WQ_WQX-C-048	Organic carl	Total	7.4	mg/l
2006-11-08	09:05:00	EST	21SC60WQ_WQX-C-048	Chromium	Total		
2006-11-08	09:05:00	EST	21SC60WQ_WQX-C-048	Copper	Total		
2006-11-08	09:05:00	EST	21SC60WQ_WQX-C-048	Enterococcu	Total	1	#/100ml
2006-11-08	09:05:00	EST	21SC60WQ_WQX-C-048	Fecal Colifor	Total	4	#/100ml
2006-11-08	09:05:00	EST	21SC60WQ_WQX-C-048	Iron	Total	0.35	mg/l
2006-11-08	09:05:00	EST	21SC60WQ_WQX-C-048	Lead	Total		
2006-11-08	09:05:00	EST	21SC60WQ_WQX-C-048	Manganese	Total	0.016	mg/l
2006-11-08	09:05:00	EST	21SC60WQ_WQX-C-048	Mercury	Total		
2006-11-08	09:05:00	EST	21SC60WQ_WQX-C-048	Nickel	Total		
2006-11-08	09:05:00	EST	21SC60WQ_WQX-C-048	Kjeldahl nitr	Total	0.77	mg/l
2006-11-08	09:05:00	EST	21SC60WQ_WQX-C-048	Inorganic ni	Total	0.023	mg/l
2006-11-08	09:05:00	EST	21SC60WQ_WQX-C-048	Phosphorus	Total	0.036	mg/l
2006-11-08	09:05:00	EST	21SC60WQ_WQX-C-048	Turbidity	Total	1.9	NTU
2006-11-08	09:05:00	EST	21SC60WQ_WQX-C-048	Zinc	Total	0.011	mg/l
2006-11-08	09:05:00	EST	21SC60WQ_WQX-C-048	Nitrogen	Total	0.793	mg/l
2006-11-08	09:05:00	EST	21SC60WQ_WQX-C-048	Depth		0.3	m
2006-11-08	09:05:00	EST	21SC60WQ_WQX-C-048	Dissolved oxygen (DO)		6.9	mg/l
2006-11-08	09:05:00	EST	21SC60WQ_WQX-C-048	pH		6.29	None
2006-11-08	09:05:00	EST	21SC60WQ_WQX-C-048	Temperature, water		14.5	deg C
2006-12-05	09:20:00	EST	21SC60WQ_WQX-C-048	Alkalinity, to	Total	3	mg/l
2006-12-05	09:20:00	EST	21SC60WQ_WQX-C-048	Biochemical	Total		
2006-12-05	09:20:00	EST	21SC60WQ_WQX-C-048	Enterococcu	Total	1	#/100ml
2006-12-05	09:20:00	EST	21SC60WQ_WQX-C-048	Fecal Colifor	Total	8	#/100ml
2006-12-05	09:20:00	EST	21SC60WQ_WQX-C-048	Kjeldahl nitr	Total	0.94	mg/l
2006-12-05	09:20:00	EST	21SC60WQ_WQX-C-048	Ammonia		0.14	mg/l
2006-12-05	09:20:00	EST	21SC60WQ_WQX-C-048	Inorganic ni	Total	0.025	mg/l
2006-12-05	09:20:00	EST	21SC60WQ_WQX-C-048	Phosphorus	Total		
2006-12-05	09:20:00	EST	21SC60WQ_WQX-C-048	Turbidity	Total	4.4	NTU
2006-12-05	09:20:00	EST	21SC60WQ_WQX-C-048	Nitrogen	Total	0.965	mg/l
2006-12-05	09:20:00	EST	21SC60WQ_WQX-C-048	Depth		0.3	m
2006-12-05	09:20:00	EST	21SC60WQ_WQX-C-048	Dissolved oxygen (DO)		6.96	mg/l
2006-12-05	09:20:00	EST	21SC60WQ_WQX-C-048	pH		6.4	None
2006-12-05	09:20:00	EST	21SC60WQ_WQX-C-048	Temperature, water		12.5	deg C

1999-01-13	09:20:00	EST	21SC60WQ_WQX-C-068	Alkalinity, to	Total	4	mg/l
1999-01-13	09:20:00	EST	21SC60WQ_WQX-C-068	Enterococcu	Total	3	#/100ml

1999-01-13	09:20:00	EST	21SC60WQ_WQX-C-068	Fecal Colifoi	Total	1	#/100ml
1999-01-13	09:20:00	EST	21SC60WQ_WQX-C-068	Inorganic ni	Total	0.13	mg/l
1999-01-13	09:20:00	EST	21SC60WQ_WQX-C-068	Turbidity	Total	11	NTU
1999-01-13	09:20:00	EST	21SC60WQ_WQX-C-068	Depth		0.3	m
1999-01-13	09:20:00	EST	21SC60WQ_WQX-C-068	Dissolved oxygen (DO)		10.3	mg/l
1999-01-13	09:20:00	EST	21SC60WQ_WQX-C-068	pH		7.78	None
1999-01-13	09:20:00	EST	21SC60WQ_WQX-C-068	Temperature, water		7.5	deg C
1999-02-02	11:45:00	EST	21SC60WQ_WQX-C-068	Alkalinity, tc	Total	3	mg/l
1999-02-02	11:45:00	EST	21SC60WQ_WQX-C-068	Cadmium	Total		
1999-02-02	11:45:00	EST	21SC60WQ_WQX-C-068	Chromium	Total		
1999-02-02	11:45:00	EST	21SC60WQ_WQX-C-068	Copper	Total		
1999-02-02	11:45:00	EST	21SC60WQ_WQX-C-068	Enterococcu	Total	42	#/100ml
1999-02-02	11:45:00	EST	21SC60WQ_WQX-C-068	Fecal Colifoi	Total	56	#/100ml
1999-02-02	11:45:00	EST	21SC60WQ_WQX-C-068	Iron	Total	0.75	mg/l
1999-02-02	11:45:00	EST	21SC60WQ_WQX-C-068	Lead	Total		
1999-02-02	11:45:00	EST	21SC60WQ_WQX-C-068	Manganese	Total	0.04	mg/l
1999-02-02	11:45:00	EST	21SC60WQ_WQX-C-068	Mercury	Total		
1999-02-02	11:45:00	EST	21SC60WQ_WQX-C-068	Nickel	Total		
1999-02-02	11:45:00	EST	21SC60WQ_WQX-C-068	Inorganic ni	Total	0.13	mg/l
1999-02-02	11:45:00	EST	21SC60WQ_WQX-C-068	Total susper	Total	17	mg/l
1999-02-02	11:45:00	EST	21SC60WQ_WQX-C-068	Turbidity	Total	19	NTU
1999-02-02	11:45:00	EST	21SC60WQ_WQX-C-068	Zinc	Total	0.03	mg/l
1999-02-02	11:45:00	EST	21SC60WQ_WQX-C-068	Depth		0.3	m
1999-02-02	11:45:00	EST	21SC60WQ_WQX-C-068	Dissolved oxygen (DO)		9.1	mg/l
1999-02-02	11:45:00	EST	21SC60WQ_WQX-C-068	pH		6.37	None
1999-02-02	11:45:00	EST	21SC60WQ_WQX-C-068	Temperature, water		11	deg C
1999-03-02	12:15:00	EST	21SC60WQ_WQX-C-068	Alkalinity, tc	Total	3	mg/l
1999-03-02	12:15:00	EST	21SC60WQ_WQX-C-068	Enterococcu	Total	3	#/100ml
1999-03-02	12:15:00	EST	21SC60WQ_WQX-C-068	Fecal Colifoi	Total	4	#/100ml
1999-03-02	12:15:00	EST	21SC60WQ_WQX-C-068	Ammonia	Total		
1999-03-02	12:15:00	EST	21SC60WQ_WQX-C-068	Inorganic ni	Total	0.05	mg/l
1999-03-02	12:15:00	EST	21SC60WQ_WQX-C-068	Turbidity	Total	6.6	NTU
1999-03-02	12:15:00	EST	21SC60WQ_WQX-C-068	Depth		0.3	m
1999-03-02	12:15:00	EST	21SC60WQ_WQX-C-068	Dissolved oxygen (DO)		10.8	mg/l
1999-03-02	12:15:00	EST	21SC60WQ_WQX-C-068	pH		6.89	None
1999-03-02	12:15:00	EST	21SC60WQ_WQX-C-068	Temperature, water		13.5	deg C
1999-04-14	13:00:00	EST	21SC60WQ_WQX-C-068	Alkalinity, tc	Total	5	mg/l
1999-04-14	13:00:00	EST	21SC60WQ_WQX-C-068	Enterococcu	Total	4	#/100ml
1999-04-14	13:00:00	EST	21SC60WQ_WQX-C-068	Fecal Colifoi	Total	6	#/100ml
1999-04-14	13:00:00	EST	21SC60WQ_WQX-C-068	Inorganic ni	Total		
1999-04-14	13:00:00	EST	21SC60WQ_WQX-C-068	Turbidity	Total	9	NTU
1999-04-14	13:00:00	EST	21SC60WQ_WQX-C-068	Depth		0.3	m
1999-04-14	13:00:00	EST	21SC60WQ_WQX-C-068	Dissolved oxygen (DO)		8.9	mg/l
1999-04-14	13:00:00	EST	21SC60WQ_WQX-C-068	pH		7.43	None
1999-04-14	13:00:00	EST	21SC60WQ_WQX-C-068	Temperature, water		20	deg C
1999-05-11	11:35:00	EST	21SC60WQ_WQX-C-068	Alkalinity, tc	Total	6	mg/l
1999-05-11	11:35:00	EST	21SC60WQ_WQX-C-068	Cadmium	Total		
1999-05-11	11:35:00	EST	21SC60WQ_WQX-C-068	Chromium	Total		
1999-05-11	11:35:00	EST	21SC60WQ_WQX-C-068	Copper	Total		
1999-05-11	11:35:00	EST	21SC60WQ_WQX-C-068	Enterococcu	Total		
1999-05-11	11:35:00	EST	21SC60WQ_WQX-C-068	Fecal Colifoi	Total	13	#/100ml
1999-05-11	11:35:00	EST	21SC60WQ_WQX-C-068	Iron	Total	0.65	mg/l
1999-05-11	11:35:00	EST	21SC60WQ_WQX-C-068	Lead	Total		
1999-05-11	11:35:00	EST	21SC60WQ_WQX-C-068	Manganese	Total	0.03	mg/l

1999-05-11	11:35:00	EST	21SC60WQ_WQX-C-068	Mercury	Total		
1999-05-11	11:35:00	EST	21SC60WQ_WQX-C-068	Nickel	Total		
1999-05-11	11:35:00	EST	21SC60WQ_WQX-C-068	Ammonia	Total		
1999-05-11	11:35:00	EST	21SC60WQ_WQX-C-068	Inorganic ni	Total		
1999-05-11	11:35:00	EST	21SC60WQ_WQX-C-068	Turbidity	Total	5.2	NTU
1999-05-11	11:35:00	EST	21SC60WQ_WQX-C-068	Zinc	Total	0.1	mg/l
1999-05-11	11:35:00	EST	21SC60WQ_WQX-C-068	Depth		0.3	m
1999-05-11	11:35:00	EST	21SC60WQ_WQX-C-068	Dissolved oxygen (DO)		9.6	mg/l
1999-05-11	11:35:00	EST	21SC60WQ_WQX-C-068	pH		6.91	None
1999-05-11	11:35:00	EST	21SC60WQ_WQX-C-068	Temperature, water		24.5	deg C
1999-06-30	12:40:00	EST	21SC60WQ_WQX-C-068	Alkalinity, tc	Total	7	mg/l
1999-06-30	12:40:00	EST	21SC60WQ_WQX-C-068	Enterococcu	Total	3	#/100ml
1999-06-30	12:40:00	EST	21SC60WQ_WQX-C-068	Fecal Colifor	Total	130	#/100ml
1999-06-30	12:40:00	EST	21SC60WQ_WQX-C-068	Turbidity	Total	11	NTU
1999-06-30	12:40:00	EST	21SC60WQ_WQX-C-068	Depth		0.3	m
1999-06-30	12:40:00	EST	21SC60WQ_WQX-C-068	Dissolved oxygen (DO)		7.8	mg/l
1999-06-30	12:40:00	EST	21SC60WQ_WQX-C-068	pH		6.67	None
1999-06-30	12:40:00	EST	21SC60WQ_WQX-C-068	Temperature, water		27	deg C
1999-07-19	10:45:00	EST	21SC60WQ_WQX-C-068	Alkalinity, tc	Total	6	mg/l
1999-07-19	10:45:00	EST	21SC60WQ_WQX-C-068	Enterococcu	Total	3	#/100ml
1999-07-19	10:45:00	EST	21SC60WQ_WQX-C-068	Fecal Colifor	Total	26	#/100ml
1999-07-19	10:45:00	EST	21SC60WQ_WQX-C-068	Inorganic ni	Total		
1999-07-19	10:45:00	EST	21SC60WQ_WQX-C-068	Turbidity	Total	6.1	NTU
1999-07-19	10:45:00	EST	21SC60WQ_WQX-C-068	Depth		0.3	m
1999-07-19	10:45:00	EST	21SC60WQ_WQX-C-068	Dissolved oxygen (DO)		9.45	mg/l
1999-07-19	10:45:00	EST	21SC60WQ_WQX-C-068	pH		7.13	None
1999-07-19	10:45:00	EST	21SC60WQ_WQX-C-068	Temperature, water		30	deg C
1999-08-10	11:45:00	EST	21SC60WQ_WQX-C-068	Alkalinity, tc	Total	8	mg/l
1999-08-10	11:45:00	EST	21SC60WQ_WQX-C-068	Cadmium	Total		
1999-08-10	11:45:00	EST	21SC60WQ_WQX-C-068	Chromium	Total		
1999-08-10	11:45:00	EST	21SC60WQ_WQX-C-068	Copper	Total		
1999-08-10	11:45:00	EST	21SC60WQ_WQX-C-068	Enterococcu	Total	13	#/100ml
1999-08-10	11:45:00	EST	21SC60WQ_WQX-C-068	Fecal Colifor	Total	30	#/100ml
1999-08-10	11:45:00	EST	21SC60WQ_WQX-C-068	Iron	Total	1.3	mg/l
1999-08-10	11:45:00	EST	21SC60WQ_WQX-C-068	Lead	Total		
1999-08-10	11:45:00	EST	21SC60WQ_WQX-C-068	Manganese	Total	0.06	mg/l
1999-08-10	11:45:00	EST	21SC60WQ_WQX-C-068	Mercury	Total		
1999-08-10	11:45:00	EST	21SC60WQ_WQX-C-068	Nickel	Total		
1999-08-10	11:45:00	EST	21SC60WQ_WQX-C-068	Ammonia	Total		
1999-08-10	11:45:00	EST	21SC60WQ_WQX-C-068	Inorganic ni	Total		
1999-08-10	11:45:00	EST	21SC60WQ_WQX-C-068	Turbidity	Total	9.6	NTU
1999-08-10	11:45:00	EST	21SC60WQ_WQX-C-068	Zinc	Total		
1999-08-10	11:45:00	EST	21SC60WQ_WQX-C-068	Depth		0.3	m
1999-08-10	11:45:00	EST	21SC60WQ_WQX-C-068	Dissolved oxygen (DO)		8.4	mg/l
1999-08-10	11:45:00	EST	21SC60WQ_WQX-C-068	pH		7.58	None
1999-08-10	11:45:00	EST	21SC60WQ_WQX-C-068	Temperature, water		31	deg C
1999-09-16	09:50:00	EST	21SC60WQ_WQX-C-068	Alkalinity, tc	Total	8	mg/l
1999-09-16	09:50:00	EST	21SC60WQ_WQX-C-068	Enterococcu	Total	11	#/100ml
1999-09-16	09:50:00	EST	21SC60WQ_WQX-C-068	Fecal Colifor	Total	260	#/100ml
1999-09-16	09:50:00	EST	21SC60WQ_WQX-C-068	Inorganic ni	Total		
1999-09-16	09:50:00	EST	21SC60WQ_WQX-C-068	Turbidity	Total	11	NTU
1999-09-16	09:50:00	EST	21SC60WQ_WQX-C-068	Depth		0.3	m
1999-09-16	09:50:00	EST	21SC60WQ_WQX-C-068	Dissolved oxygen (DO)		6.8	mg/l
1999-09-16	09:50:00	EST	21SC60WQ_WQX-C-068	pH		7.42	None

1999-09-16	09:50:00	EST	21SC60WQ_WQX-C-068	Temperature, water		24.5	deg C
1999-10-19	12:00:00	EST	21SC60WQ_WQX-C-068	Alkalinity, tc	Total	5	mg/l
1999-10-19	12:00:00	EST	21SC60WQ_WQX-C-068	Enterococcu	Total	28	#/100ml
1999-10-19	12:00:00	EST	21SC60WQ_WQX-C-068	Fecal Colifoı	Total	58	#/100ml
1999-10-19	12:00:00	EST	21SC60WQ_WQX-C-068	Kjeldahl nitr	Total		
1999-10-19	12:00:00	EST	21SC60WQ_WQX-C-068	Ammonia	Total		
1999-10-19	12:00:00	EST	21SC60WQ_WQX-C-068	Inorganic ni	Total		
1999-10-19	12:00:00	EST	21SC60WQ_WQX-C-068	Turbidity	Total	10	NTU
1999-10-19	12:00:00	EST	21SC60WQ_WQX-C-068	Nitrogen	Total		
1999-10-19	12:00:00	EST	21SC60WQ_WQX-C-068	Depth		0.3	m
1999-10-19	12:00:00	EST	21SC60WQ_WQX-C-068	Dissolved oxygen (DO)		9.65	mg/l
1999-10-19	12:00:00	EST	21SC60WQ_WQX-C-068	pH		7.6	None
1999-10-19	12:00:00	EST	21SC60WQ_WQX-C-068	Temperature, water		22.5	deg C
1999-11-09	09:00:00	EST	21SC60WQ_WQX-C-068	Alkalinity, tc	Total	26	mg/l
1999-11-09	09:00:00	EST	21SC60WQ_WQX-C-068	Cadmium	Total		
1999-11-09	09:00:00	EST	21SC60WQ_WQX-C-068	Chromium	Total		
1999-11-09	09:00:00	EST	21SC60WQ_WQX-C-068	Copper	Total	0.01	mg/l
1999-11-09	09:00:00	EST	21SC60WQ_WQX-C-068	Enterococcu	Total	1	#/100ml
1999-11-09	09:00:00	EST	21SC60WQ_WQX-C-068	Fecal Colifoı	Total	11	#/100ml
1999-11-09	09:00:00	EST	21SC60WQ_WQX-C-068	Iron	Total	0.78	mg/l
1999-11-09	09:00:00	EST	21SC60WQ_WQX-C-068	Lead	Total		
1999-11-09	09:00:00	EST	21SC60WQ_WQX-C-068	Manganese	Total	0.04	mg/l
1999-11-09	09:00:00	EST	21SC60WQ_WQX-C-068	Mercury	Total		
1999-11-09	09:00:00	EST	21SC60WQ_WQX-C-068	Nickel	Total		
1999-11-09	09:00:00	EST	21SC60WQ_WQX-C-068	Inorganic ni	Total		
1999-11-09	09:00:00	EST	21SC60WQ_WQX-C-068	Turbidity	Total	6.3	NTU
1999-11-09	09:00:00	EST	21SC60WQ_WQX-C-068	Zinc	Total	0.02	mg/l
1999-11-09	09:00:00	EST	21SC60WQ_WQX-C-068	Depth		0.3	m
1999-11-09	09:00:00	EST	21SC60WQ_WQX-C-068	Dissolved oxygen (DO)		10.3	mg/l
1999-11-09	09:00:00	EST	21SC60WQ_WQX-C-068	pH		7.93	None
1999-11-09	09:00:00	EST	21SC60WQ_WQX-C-068	Temperature, water		16	deg C
1999-12-15	10:35:00	EST	21SC60WQ_WQX-C-068	Alkalinity, tc	Total	4	mg/l
1999-12-15	10:35:00	EST	21SC60WQ_WQX-C-068	Enterococcu	Total	7	#/100ml
1999-12-15	10:35:00	EST	21SC60WQ_WQX-C-068	Fecal Colifoı	Total	4	#/100ml
1999-12-15	10:35:00	EST	21SC60WQ_WQX-C-068	Inorganic ni	Total		
1999-12-15	10:35:00	EST	21SC60WQ_WQX-C-068	Turbidity	Total	12	NTU
1999-12-15	10:35:00	EST	21SC60WQ_WQX-C-068	Depth		0.3	m
1999-12-15	10:35:00	EST	21SC60WQ_WQX-C-068	Dissolved oxygen (DO)		9.4	mg/l
1999-12-15	10:35:00	EST	21SC60WQ_WQX-C-068	pH		6.42	None
1999-12-15	10:35:00	EST	21SC60WQ_WQX-C-068	Temperature, water		12.5	deg C
2000-01-18	09:55:00	EST	21SC60WQ_WQX-C-068	Alkalinity, tc	Total	3	mg/l
2000-01-18	09:55:00	EST	21SC60WQ_WQX-C-068	Enterococcu	Total	2	#/100ml
2000-01-18	09:55:00	EST	21SC60WQ_WQX-C-068	Fecal Colifoı	Total	16	#/100ml
2000-01-18	09:55:00	EST	21SC60WQ_WQX-C-068	Inorganic ni	Total	0.16	mg/l
2000-01-18	09:55:00	EST	21SC60WQ_WQX-C-068	Turbidity	Total	18	NTU
2000-01-18	09:55:00	EST	21SC60WQ_WQX-C-068	Depth		0.3	m
2000-01-18	09:55:00	EST	21SC60WQ_WQX-C-068	Dissolved oxygen (DO)		10.7	mg/l
2000-01-18	09:55:00	EST	21SC60WQ_WQX-C-068	pH		8.68	None
2000-01-18	09:55:00	EST	21SC60WQ_WQX-C-068	Temperature, water		7.5	deg C
2000-02-03	14:05:00	EST	21SC60WQ_WQX-C-068	Alkalinity, tc	Total	5	mg/l
2000-02-03	14:05:00	EST	21SC60WQ_WQX-C-068	Cadmium	Total		
2000-02-03	14:05:00	EST	21SC60WQ_WQX-C-068	Chromium	Total		
2000-02-03	14:05:00	EST	21SC60WQ_WQX-C-068	Copper	Total		
2000-02-03	14:05:00	EST	21SC60WQ_WQX-C-068	Enterococcu	Total	5	#/100ml

2000-02-03	14:05:00	EST	21SC60WQ_WQX-C-068	Fecal Colifor	Total	9	#/100ml
2000-02-03	14:05:00	EST	21SC60WQ_WQX-C-068	Hardness, C	Total	11	mg/l
2000-02-03	14:05:00	EST	21SC60WQ_WQX-C-068	Iron	Total	0.53	mg/l
2000-02-03	14:05:00	EST	21SC60WQ_WQX-C-068	Lead	Total		
2000-02-03	14:05:00	EST	21SC60WQ_WQX-C-068	Manganese	Total	0.04	mg/l
2000-02-03	14:05:00	EST	21SC60WQ_WQX-C-068	Mercury	Total		
2000-02-03	14:05:00	EST	21SC60WQ_WQX-C-068	Nickel	Total		
2000-02-03	14:05:00	EST	21SC60WQ_WQX-C-068	Kjeldahl nitr	Total		
2000-02-03	14:05:00	EST	21SC60WQ_WQX-C-068	Inorganic ni	Total	0.2	mg/l
2000-02-03	14:05:00	EST	21SC60WQ_WQX-C-068	Total suspe	Total	10	mg/l
2000-02-03	14:05:00	EST	21SC60WQ_WQX-C-068	Turbidity	Total	18	NTU
2000-02-03	14:05:00	EST	21SC60WQ_WQX-C-068	Zinc	Total		
2000-02-03	14:05:00	EST	21SC60WQ_WQX-C-068	Nitrogen	Total		
2000-02-03	14:05:00	EST	21SC60WQ_WQX-C-068	Depth		0.3	m
2000-02-03	14:05:00	EST	21SC60WQ_WQX-C-068	Dissolved oxygen (DO)		12.2	mg/l
2000-02-03	14:05:00	EST	21SC60WQ_WQX-C-068	pH		8.23	None
2000-02-03	14:05:00	EST	21SC60WQ_WQX-C-068	Temperature, water		7.5	deg C
2000-03-15	08:50:00	EST	21SC60WQ_WQX-C-068	Alkalinity, to	Total	4	mg/l
2000-03-15	08:50:00	EST	21SC60WQ_WQX-C-068	Enterococcu	Total	1	#/100ml
2000-03-15	08:50:00	EST	21SC60WQ_WQX-C-068	Fecal Colifor	Total	6	#/100ml
2000-03-15	08:50:00	EST	21SC60WQ_WQX-C-068	Ammonia	Total		
2000-03-15	08:50:00	EST	21SC60WQ_WQX-C-068	Inorganic ni	Total	0.04	mg/l
2000-03-15	08:50:00	EST	21SC60WQ_WQX-C-068	Turbidity	Total	5.4	NTU
2000-03-15	08:50:00	EST	21SC60WQ_WQX-C-068	Depth		0.3	m
2000-03-15	08:50:00	EST	21SC60WQ_WQX-C-068	Dissolved oxygen (DO)		8.6	mg/l
2000-03-15	08:50:00	EST	21SC60WQ_WQX-C-068	pH		7.55	None
2000-03-15	08:50:00	EST	21SC60WQ_WQX-C-068	Temperature, water		17.5	deg C
2000-04-04	09:00:00	EST	21SC60WQ_WQX-C-068	Alkalinity, to	Total	5	mg/l
2000-04-04	09:00:00	EST	21SC60WQ_WQX-C-068	Enterococcu	Total	7	#/100ml
2000-04-04	09:00:00	EST	21SC60WQ_WQX-C-068	Fecal Colifor	Total	16	#/100ml
2000-04-04	09:00:00	EST	21SC60WQ_WQX-C-068	Ammonia	Total		
2000-04-04	09:00:00	EST	21SC60WQ_WQX-C-068	Inorganic ni	Total		
2000-04-04	09:00:00	EST	21SC60WQ_WQX-C-068	Turbidity	Total	8.5	NTU
2000-04-04	09:00:00	EST	21SC60WQ_WQX-C-068	Depth		0.3	m
2000-04-04	09:00:00	EST	21SC60WQ_WQX-C-068	Dissolved oxygen (DO)		9	mg/l
2000-04-04	09:00:00	EST	21SC60WQ_WQX-C-068	pH		7.11	None
2000-04-04	09:00:00	EST	21SC60WQ_WQX-C-068	Temperature, water		19.5	deg C
2000-05-11	09:30:00	EST	21SC60WQ_WQX-C-068	Alkalinity, to	Total	10	mg/l
2000-05-11	09:30:00	EST	21SC60WQ_WQX-C-068	Cadmium	Total		
2000-05-11	09:30:00	EST	21SC60WQ_WQX-C-068	Chromium	Total		
2000-05-11	09:30:00	EST	21SC60WQ_WQX-C-068	Copper	Total		
2000-05-11	09:30:00	EST	21SC60WQ_WQX-C-068	Enterococcu	Total	3	#/100ml
2000-05-11	09:30:00	EST	21SC60WQ_WQX-C-068	Fecal Colifor	Total	23	#/100ml
2000-05-11	09:30:00	EST	21SC60WQ_WQX-C-068	Iron	Total	0.64	mg/l
2000-05-11	09:30:00	EST	21SC60WQ_WQX-C-068	Lead	Total		
2000-05-11	09:30:00	EST	21SC60WQ_WQX-C-068	Manganese	Total	0.05	mg/l
2000-05-11	09:30:00	EST	21SC60WQ_WQX-C-068	Mercury	Total		
2000-05-11	09:30:00	EST	21SC60WQ_WQX-C-068	Nickel	Total		
2000-05-11	09:30:00	EST	21SC60WQ_WQX-C-068	Ammonia	Total		
2000-05-11	09:30:00	EST	21SC60WQ_WQX-C-068	Inorganic ni	Total		
2000-05-11	09:30:00	EST	21SC60WQ_WQX-C-068	Turbidity	Total	7.9	NTU
2000-05-11	09:30:00	EST	21SC60WQ_WQX-C-068	Zinc	Total	0.01	mg/l
2000-05-11	09:30:00	EST	21SC60WQ_WQX-C-068	Depth		0.3	m
2000-05-11	09:30:00	EST	21SC60WQ_WQX-C-068	Dissolved oxygen (DO)		7.65	mg/l

2000-05-11	09:30:00	EST	21SC60WQ_WQX-C-068	pH		7.76	None
2000-05-11	09:30:00	EST	21SC60WQ_WQX-C-068	Temperature, water		25	deg C
2000-06-15	13:10:00	EST	21SC60WQ_WQX-C-068	Alkalinity, to	Total	8	mg/l
2000-06-15	13:10:00	EST	21SC60WQ_WQX-C-068	Enterococcu	Total	3	#/100ml
2000-06-15	13:10:00	EST	21SC60WQ_WQX-C-068	Fecal Colifo	Total	170	#/100ml
2000-06-15	13:10:00	EST	21SC60WQ_WQX-C-068	Inorganic ni	Total		
2000-06-15	13:10:00	EST	21SC60WQ_WQX-C-068	Turbidity	Total	6.2	NTU
2000-06-15	13:10:00	EST	21SC60WQ_WQX-C-068	Depth		0.3	m
2000-06-15	13:10:00	EST	21SC60WQ_WQX-C-068	Dissolved oxygen (DO)		8.7	mg/l
2000-06-15	13:10:00	EST	21SC60WQ_WQX-C-068	pH		8.12	None
2000-06-15	13:10:00	EST	21SC60WQ_WQX-C-068	Temperature, water		30.5	deg C
2000-07-19	12:55:00	EST	21SC60WQ_WQX-C-068	Alkalinity, to	Total	11	mg/l
2000-07-19	12:55:00	EST	21SC60WQ_WQX-C-068	Enterococcu	Total	2	#/100ml
2000-07-19	12:55:00	EST	21SC60WQ_WQX-C-068	Fecal Colifo	Total	38	#/100ml
2000-07-19	12:55:00	EST	21SC60WQ_WQX-C-068	Inorganic ni	Total		
2000-07-19	12:55:00	EST	21SC60WQ_WQX-C-068	Turbidity	Total	8.1	NTU
2000-07-19	12:55:00	EST	21SC60WQ_WQX-C-068	Depth		0.3	m
2000-07-19	12:55:00	EST	21SC60WQ_WQX-C-068	Dissolved oxygen (DO)		6.25	mg/l
2000-07-19	12:55:00	EST	21SC60WQ_WQX-C-068	pH		7.45	None
2000-07-19	12:55:00	EST	21SC60WQ_WQX-C-068	Temperature, water		32	deg C
2000-08-02	08:45:00	EST	21SC60WQ_WQX-C-068	Alkalinity, to	Total	11	mg/l
2000-08-02	08:45:00	EST	21SC60WQ_WQX-C-068	Cadmium	Total		
2000-08-02	08:45:00	EST	21SC60WQ_WQX-C-068	Chromium	Total		
2000-08-02	08:45:00	EST	21SC60WQ_WQX-C-068	Copper	Total		
2000-08-02	08:45:00	EST	21SC60WQ_WQX-C-068	Enterococcu	Total	20	#/100ml
2000-08-02	08:45:00	EST	21SC60WQ_WQX-C-068	Fecal Colifo	Total	640	#/100ml
2000-08-02	08:45:00	EST	21SC60WQ_WQX-C-068	Iron	Total	1	mg/l
2000-08-02	08:45:00	EST	21SC60WQ_WQX-C-068	Lead	Total		
2000-08-02	08:45:00	EST	21SC60WQ_WQX-C-068	Manganese	Total	0.06	mg/l
2000-08-02	08:45:00	EST	21SC60WQ_WQX-C-068	Mercury	Total		
2000-08-02	08:45:00	EST	21SC60WQ_WQX-C-068	Nickel	Total		
2000-08-02	08:45:00	EST	21SC60WQ_WQX-C-068	Inorganic ni	Total		
2000-08-02	08:45:00	EST	21SC60WQ_WQX-C-068	Turbidity	Total	7.9	NTU
2000-08-02	08:45:00	EST	21SC60WQ_WQX-C-068	Zinc	Total	0.01	mg/l
2000-08-02	08:45:00	EST	21SC60WQ_WQX-C-068	Depth		0.3	m
2000-08-02	08:45:00	EST	21SC60WQ_WQX-C-068	Dissolved oxygen (DO)		7.35	mg/l
2000-08-02	08:45:00	EST	21SC60WQ_WQX-C-068	pH		7.72	None
2000-08-02	08:45:00	EST	21SC60WQ_WQX-C-068	Temperature, water		27.5	deg C
2000-09-06	12:05:00	EST	21SC60WQ_WQX-C-068	Alkalinity, to	Total	11	mg/l
2000-09-06	12:05:00	EST	21SC60WQ_WQX-C-068	Enterococcu	Total	33	#/100ml
2000-09-06	12:05:00	EST	21SC60WQ_WQX-C-068	Fecal Colifo	Total	530	#/100ml
2000-09-06	12:05:00	EST	21SC60WQ_WQX-C-068	Ammonia	Total		
2000-09-06	12:05:00	EST	21SC60WQ_WQX-C-068	Inorganic ni	Total		
2000-09-06	12:05:00	EST	21SC60WQ_WQX-C-068	Turbidity	Total	8.4	NTU
2000-09-06	12:05:00	EST	21SC60WQ_WQX-C-068	Depth		0.3	m
2000-09-06	12:05:00	EST	21SC60WQ_WQX-C-068	Dissolved oxygen (DO)		6.35	mg/l
2000-09-06	12:05:00	EST	21SC60WQ_WQX-C-068	pH		6.8	None
2000-09-06	12:05:00	EST	21SC60WQ_WQX-C-068	Temperature, water		24.5	deg C
2000-10-11	08:55:00	EST	21SC60WQ_WQX-C-068	Alkalinity, to	Total	5	mg/l
2000-10-11	08:55:00	EST	21SC60WQ_WQX-C-068	Enterococcu	Total	5	#/100ml
2000-10-11	08:55:00	EST	21SC60WQ_WQX-C-068	Fecal Colifo	Total	15	#/100ml
2000-10-11	08:55:00	EST	21SC60WQ_WQX-C-068	Ammonia	Total		
2000-10-11	08:55:00	EST	21SC60WQ_WQX-C-068	Inorganic ni	Total		
2000-10-11	08:55:00	EST	21SC60WQ_WQX-C-068	Turbidity	Total	11	NTU

2000-10-11	08:55:00	EST	21SC60WQ_WQX-C-068	Depth		0.3	m
2000-10-11	08:55:00	EST	21SC60WQ_WQX-C-068	Dissolved oxygen (DO)		7.45	mg/l
2000-10-11	08:55:00	EST	21SC60WQ_WQX-C-068	pH		6.08	None
2000-10-11	08:55:00	EST	21SC60WQ_WQX-C-068	Temperature, water		13.5	deg C
2000-11-08	09:17:00	EST	21SC60WQ_WQX-C-068	Alkalinity, to	Total	6	mg/l
2000-11-08	09:17:00	EST	21SC60WQ_WQX-C-068	Cadmium	Total		
2000-11-08	09:17:00	EST	21SC60WQ_WQX-C-068	Chromium	Total		
2000-11-08	09:17:00	EST	21SC60WQ_WQX-C-068	Copper	Total		
2000-11-08	09:17:00	EST	21SC60WQ_WQX-C-068	Enterococcu	Total	2	#/100ml
2000-11-08	09:17:00	EST	21SC60WQ_WQX-C-068	Fecal Colifor	Total	25	#/100ml
2000-11-08	09:17:00	EST	21SC60WQ_WQX-C-068	Iron	Total	1.2	mg/l
2000-11-08	09:17:00	EST	21SC60WQ_WQX-C-068	Lead	Total		
2000-11-08	09:17:00	EST	21SC60WQ_WQX-C-068	Manganese	Total	0.05	mg/l
2000-11-08	09:17:00	EST	21SC60WQ_WQX-C-068	Mercury	Total		
2000-11-08	09:17:00	EST	21SC60WQ_WQX-C-068	Nickel	Total		
2000-11-08	09:17:00	EST	21SC60WQ_WQX-C-068	Inorganic ni	Total		
2000-11-08	09:17:00	EST	21SC60WQ_WQX-C-068	Total susper	Total	6.8	mg/l
2000-11-08	09:17:00	EST	21SC60WQ_WQX-C-068	Turbidity	Total	6.9	NTU
2000-11-08	09:17:00	EST	21SC60WQ_WQX-C-068	Zinc	Total	0.01	mg/l
2000-11-08	09:17:00	EST	21SC60WQ_WQX-C-068	Depth		0.3	m
2000-11-08	09:17:00	EST	21SC60WQ_WQX-C-068	Dissolved oxygen (DO)		8.05	mg/l
2000-11-08	09:17:00	EST	21SC60WQ_WQX-C-068	pH		8.33	None
2000-11-08	09:17:00	EST	21SC60WQ_WQX-C-068	Temperature, water		19	deg C
2000-12-05	08:35:00	EST	21SC60WQ_WQX-C-068	Alkalinity, to	Total	6	mg/l
2000-12-05	08:35:00	EST	21SC60WQ_WQX-C-068	Enterococcu	Total		
2000-12-05	08:35:00	EST	21SC60WQ_WQX-C-068	Fecal Colifor	Total	4	#/100ml
2000-12-05	08:35:00	EST	21SC60WQ_WQX-C-068	Inorganic ni	Total	0.02	mg/l
2000-12-05	08:35:00	EST	21SC60WQ_WQX-C-068	Turbidity	Total	8.2	NTU
2000-12-05	08:35:00	EST	21SC60WQ_WQX-C-068	Depth		0.3	m
2000-12-05	08:35:00	EST	21SC60WQ_WQX-C-068	Dissolved oxygen (DO)		9.5	mg/l
2000-12-05	08:35:00	EST	21SC60WQ_WQX-C-068	pH		9.56	None
2000-12-05	08:35:00	EST	21SC60WQ_WQX-C-068	Temperature, water		7.5	deg C
2001-01-10	08:50:00	EST	21SC60WQ_WQX-C-068	Alkalinity, to	Total	11	mg/l
2001-01-10	08:50:00	EST	21SC60WQ_WQX-C-068	Biochemical	Total		
2001-01-10	08:50:00	EST	21SC60WQ_WQX-C-068	Enterococcu	Total	6	#/100ml
2001-01-10	08:50:00	EST	21SC60WQ_WQX-C-068	Fecal Colifor	Total	14	#/100ml
2001-01-10	08:50:00	EST	21SC60WQ_WQX-C-068	Inorganic ni	Total	0.08	mg/l
2001-01-10	08:50:00	EST	21SC60WQ_WQX-C-068	Turbidity	Total	6.6	NTU
2001-01-10	08:50:00	EST	21SC60WQ_WQX-C-068	Depth		0.3	m
2001-01-10	08:50:00	EST	21SC60WQ_WQX-C-068	Dissolved oxygen (DO)		10.4	mg/l
2001-01-10	08:50:00	EST	21SC60WQ_WQX-C-068	pH		5.34	None
2001-01-10	08:50:00	EST	21SC60WQ_WQX-C-068	Temperature, water		5	deg C
2001-02-26	10:55:00	EST	21SC60WQ_WQX-C-068	Alkalinity, to	Total	4	mg/l
2001-02-26	10:55:00	EST	21SC60WQ_WQX-C-068	Biochemical	Total		
2001-02-26	10:55:00	EST	21SC60WQ_WQX-C-068	Cadmium	Total		
2001-02-26	10:55:00	EST	21SC60WQ_WQX-C-068	Organic carl	Total		
2001-02-26	10:55:00	EST	21SC60WQ_WQX-C-068	Chromium	Total		
2001-02-26	10:55:00	EST	21SC60WQ_WQX-C-068	Copper	Total		
2001-02-26	10:55:00	EST	21SC60WQ_WQX-C-068	Enterococcu	Total	9	#/100ml
2001-02-26	10:55:00	EST	21SC60WQ_WQX-C-068	Fecal Colifor	Total	19	#/100ml
2001-02-26	10:55:00	EST	21SC60WQ_WQX-C-068	Hardness, C	Total	6	mg/l
2001-02-26	10:55:00	EST	21SC60WQ_WQX-C-068	Iron	Total	0.72	mg/l
2001-02-26	10:55:00	EST	21SC60WQ_WQX-C-068	Lead	Total		
2001-02-26	10:55:00	EST	21SC60WQ_WQX-C-068	Manganese	Total	0.04	mg/l

2001-02-26	10:55:00	EST	21SC60WQ_WQX-C-068	Mercury	Total		
2001-02-26	10:55:00	EST	21SC60WQ_WQX-C-068	Nickel	Total		
2001-02-26	10:55:00	EST	21SC60WQ_WQX-C-068	Inorganic ni	Total	0.08	mg/l
2001-02-26	10:55:00	EST	21SC60WQ_WQX-C-068	Turbidity	Total	20	NTU
2001-02-26	10:55:00	EST	21SC60WQ_WQX-C-068	Zinc	Total		
2001-02-26	10:55:00	EST	21SC60WQ_WQX-C-068	Depth		0.3	m
2001-02-26	10:55:00	EST	21SC60WQ_WQX-C-068	Dissolved oxygen (DO)		8.2	mg/l
2001-02-26	10:55:00	EST	21SC60WQ_WQX-C-068	pH		7.04	None
2001-02-26	10:55:00	EST	21SC60WQ_WQX-C-068	Temperature, water		16.5	deg C
2001-03-26	09:55:00	EST	21SC60WQ_WQX-C-068	Alkalinity, to	Total	4	mg/l
2001-03-26	09:55:00	EST	21SC60WQ_WQX-C-068	Enterococcu	Total	46	#/100ml
2001-03-26	09:55:00	EST	21SC60WQ_WQX-C-068	Fecal Colifor	Total	150	#/100ml
2001-03-26	09:55:00	EST	21SC60WQ_WQX-C-068	Inorganic ni	Total	0.07	mg/l
2001-03-26	09:55:00	EST	21SC60WQ_WQX-C-068	Turbidity	Total	22	NTU
2001-03-26	09:55:00	EST	21SC60WQ_WQX-C-068	Depth		0.3	m
2001-03-26	09:55:00	EST	21SC60WQ_WQX-C-068	Dissolved oxygen (DO)		9.4	mg/l
2001-03-26	09:55:00	EST	21SC60WQ_WQX-C-068	pH		7.09	None
2001-03-26	09:55:00	EST	21SC60WQ_WQX-C-068	Temperature, water		15.1	deg C
2001-04-04	12:25:00	EST	21SC60WQ_WQX-C-068	Enterococcu	Total	1100	#/100ml
2001-04-04	12:25:00	EST	21SC60WQ_WQX-C-068	Fecal Colifor	Total	24	#/100ml
2001-04-04	12:25:00	EST	21SC60WQ_WQX-C-068	Inorganic ni	Total		
2001-04-04	12:25:00	EST	21SC60WQ_WQX-C-068	Turbidity	Total	16	NTU
2001-05-15	09:15:00	EST	21SC60WQ_WQX-C-068	Alkalinity, to	Total	6	mg/l
2001-05-15	09:15:00	EST	21SC60WQ_WQX-C-068	Cadmium	Total		
2001-05-15	09:15:00	EST	21SC60WQ_WQX-C-068	Chromium	Total		
2001-05-15	09:15:00	EST	21SC60WQ_WQX-C-068	Copper	Total		
2001-05-15	09:15:00	EST	21SC60WQ_WQX-C-068	Enterococcu	Total	12	#/100ml
2001-05-15	09:15:00	EST	21SC60WQ_WQX-C-068	Fecal Colifor	Total	860	#/100ml
2001-05-15	09:15:00	EST	21SC60WQ_WQX-C-068	Iron	Total	0.82	mg/l
2001-05-15	09:15:00	EST	21SC60WQ_WQX-C-068	Lead	Total		
2001-05-15	09:15:00	EST	21SC60WQ_WQX-C-068	Manganese	Total	0.04	mg/l
2001-05-15	09:15:00	EST	21SC60WQ_WQX-C-068	Mercury	Total		
2001-05-15	09:15:00	EST	21SC60WQ_WQX-C-068	Nickel	Total		
2001-05-15	09:15:00	EST	21SC60WQ_WQX-C-068	Inorganic ni	Total		
2001-05-15	09:15:00	EST	21SC60WQ_WQX-C-068	Turbidity	Total	7.6	NTU
2001-05-15	09:15:00	EST	21SC60WQ_WQX-C-068	Zinc	Total	0.02	mg/l
2001-05-15	09:15:00	EST	21SC60WQ_WQX-C-068	Chlorophyll a, corrected		9.04	ug/l
2001-06-12	11:45:00	EST	21SC60WQ_WQX-C-068	Alkalinity, to	Total	8	mg/l
2001-06-12	11:45:00	EST	21SC60WQ_WQX-C-068	Biochemical	Total	2.09	mg/l
2001-06-12	11:45:00	EST	21SC60WQ_WQX-C-068	Enterococcu	Total	1	#/100ml
2001-06-12	11:45:00	EST	21SC60WQ_WQX-C-068	Fecal Colifor	Total		
2001-06-12	11:45:00	EST	21SC60WQ_WQX-C-068	Kjeldahl nitr	Total	0.45	mg/l
2001-06-12	11:45:00	EST	21SC60WQ_WQX-C-068	Ammonia	Total		
2001-06-12	11:45:00	EST	21SC60WQ_WQX-C-068	Inorganic ni	Total		
2001-06-12	11:45:00	EST	21SC60WQ_WQX-C-068	Turbidity	Total	8	NTU
2001-06-12	11:45:00	EST	21SC60WQ_WQX-C-068	Nitrogen	Total		
2001-06-12	11:45:00	EST	21SC60WQ_WQX-C-068	Depth		0.3	m
2001-06-12	11:45:00	EST	21SC60WQ_WQX-C-068	Dissolved oxygen (DO)		6.63	mg/l
2001-06-12	11:45:00	EST	21SC60WQ_WQX-C-068	pH		7.27	None
2001-06-12	11:45:00	EST	21SC60WQ_WQX-C-068	Temperature, water		27.6	deg C
2001-07-17	12:45:00	EST	21SC60WQ_WQX-C-068	Alkalinity, to	Total	7.4	mg/l
2001-07-17	12:45:00	EST	21SC60WQ_WQX-C-068	Biochemical	Total		
2001-07-17	12:45:00	EST	21SC60WQ_WQX-C-068	Enterococcu	Total	3	#/100ml
2001-07-17	12:45:00	EST	21SC60WQ_WQX-C-068	Fecal Colifor	Total	21	#/100ml

2001-07-17	12:45:00	EST	21SC60WQ_WQX-C-068	Inorganic ni	Total		
2001-07-17	12:45:00	EST	21SC60WQ_WQX-C-068	Turbidity	Total	5.5	NTU
2001-07-17	12:45:00	EST	21SC60WQ_WQX-C-068	Depth		0.3	m
2001-07-17	12:45:00	EST	21SC60WQ_WQX-C-068	Dissolved oxygen (DO)		7.59	mg/l
2001-07-17	12:45:00	EST	21SC60WQ_WQX-C-068	pH		7.45	None
2001-07-17	12:45:00	EST	21SC60WQ_WQX-C-068	Temperature, water		30	deg C
2001-08-08	09:15:00	EST	21SC60WQ_WQX-C-068	Biochemical	Total	2.4	mg/l
2001-08-08	09:15:00	EST	21SC60WQ_WQX-C-068	Cadmium	Total		
2001-08-08	09:15:00	EST	21SC60WQ_WQX-C-068	Organic carl	Total	5.7	mg/l
2001-08-08	09:15:00	EST	21SC60WQ_WQX-C-068	Chromium	Total		
2001-08-08	09:15:00	EST	21SC60WQ_WQX-C-068	Copper	Total		
2001-08-08	09:15:00	EST	21SC60WQ_WQX-C-068	Enterococcu	Total	2	#/100ml
2001-08-08	09:15:00	EST	21SC60WQ_WQX-C-068	Fecal Colifor	Total	11	#/100ml
2001-08-08	09:15:00	EST	21SC60WQ_WQX-C-068	Iron	Total	0.76	mg/l
2001-08-08	09:15:00	EST	21SC60WQ_WQX-C-068	Lead	Total		
2001-08-08	09:15:00	EST	21SC60WQ_WQX-C-068	Manganese	Total	0.043	mg/l
2001-08-08	09:15:00	EST	21SC60WQ_WQX-C-068	Mercury	Total		
2001-08-08	09:15:00	EST	21SC60WQ_WQX-C-068	Nickel	Total		
2001-08-08	09:15:00	EST	21SC60WQ_WQX-C-068	Kjeldahl nitr	Total	0.52	mg/l
2001-08-08	09:15:00	EST	21SC60WQ_WQX-C-068	Ammonia	Total		
2001-08-08	09:15:00	EST	21SC60WQ_WQX-C-068	Inorganic ni	Total		
2001-08-08	09:15:00	EST	21SC60WQ_WQX-C-068	Turbidity	Total	6.6	NTU
2001-08-08	09:15:00	EST	21SC60WQ_WQX-C-068	Zinc	Total		
2001-08-08	09:15:00	EST	21SC60WQ_WQX-C-068	Nitrogen	Total		
2001-08-08	09:15:00	EST	21SC60WQ_WQX-C-068	Depth		0.3	m
2001-08-08	09:15:00	EST	21SC60WQ_WQX-C-068	Dissolved oxygen (DO)		7.95	mg/l
2001-08-08	09:15:00	EST	21SC60WQ_WQX-C-068	pH		6.88	None
2001-08-08	09:15:00	EST	21SC60WQ_WQX-C-068	Temperature, water		29.8	deg C
2001-09-10	10:25:00	EST	21SC60WQ_WQX-C-068	Alkalinity, tc	Total	6.5	mg/l
2001-09-10	10:25:00	EST	21SC60WQ_WQX-C-068	Biochemical	Total	3.6	mg/l
2001-09-10	10:25:00	EST	21SC60WQ_WQX-C-068	Enterococcu	Total	9	#/100ml
2001-09-10	10:25:00	EST	21SC60WQ_WQX-C-068	Fecal Colifor	Total	23	#/100ml
2001-09-10	10:25:00	EST	21SC60WQ_WQX-C-068	Inorganic ni	Total		
2001-09-10	10:25:00	EST	21SC60WQ_WQX-C-068	Total susper	Total	20	mg/l
2001-09-10	10:25:00	EST	21SC60WQ_WQX-C-068	Turbidity	Total	12	NTU
2001-09-10	10:25:00	EST	21SC60WQ_WQX-C-068	Depth		0.3	m
2001-09-10	10:25:00	EST	21SC60WQ_WQX-C-068	Dissolved oxygen (DO)		8.14	mg/l
2001-09-10	10:25:00	EST	21SC60WQ_WQX-C-068	pH		7.17	None
2001-09-10	10:25:00	EST	21SC60WQ_WQX-C-068	Temperature, water		28.2	deg C
2001-10-24	09:15:00	EST	21SC60WQ_WQX-C-068	Biochemical	Total	3	mg/l
2001-10-24	09:15:00	EST	21SC60WQ_WQX-C-068	Enterococcu	Total	1	#/100ml
2001-10-24	09:15:00	EST	21SC60WQ_WQX-C-068	Fecal Colifor	Total	30	#/100ml
2001-10-24	09:15:00	EST	21SC60WQ_WQX-C-068	Kjeldahl nitr	Total	0.25	mg/l
2001-10-24	09:15:00	EST	21SC60WQ_WQX-C-068	Ammonia	Total		
2001-10-24	09:15:00	EST	21SC60WQ_WQX-C-068	Inorganic ni	Total		
2001-10-24	09:15:00	EST	21SC60WQ_WQX-C-068	Turbidity	Total	3.4	NTU
2001-10-24	09:15:00	EST	21SC60WQ_WQX-C-068	Nitrogen	Total		
2001-10-24	09:15:00	EST	21SC60WQ_WQX-C-068	Depth		0.3	m
2001-10-24	09:15:00	EST	21SC60WQ_WQX-C-068	Dissolved oxygen (DO)		8.64	mg/l
2001-10-24	09:15:00	EST	21SC60WQ_WQX-C-068	pH		8.18	None
2001-10-24	09:15:00	EST	21SC60WQ_WQX-C-068	Temperature, water		20.5	deg C
2001-11-28	10:00:00	EST	21SC60WQ_WQX-C-068	Alkalinity, tc	Total	4.8	mg/l
2001-11-28	10:00:00	EST	21SC60WQ_WQX-C-068	Biochemical	Total	2.6	mg/l
2001-11-28	10:00:00	EST	21SC60WQ_WQX-C-068	Cadmium	Total		

2001-11-28	10:00:00	EST	21SC60WQ_WQX-C-068	Organic carl	Total	4.7	mg/l
2001-11-28	10:00:00	EST	21SC60WQ_WQX-C-068	Chromium	Total		
2001-11-28	10:00:00	EST	21SC60WQ_WQX-C-068	Copper	Total		
2001-11-28	10:00:00	EST	21SC60WQ_WQX-C-068	Enterococcu	Total	2	#/100ml
2001-11-28	10:00:00	EST	21SC60WQ_WQX-C-068	Fecal Colifo	Total	91	#/100ml
2001-11-28	10:00:00	EST	21SC60WQ_WQX-C-068	Iron	Total	0.64	mg/l
2001-11-28	10:00:00	EST	21SC60WQ_WQX-C-068	Lead	Total		
2001-11-28	10:00:00	EST	21SC60WQ_WQX-C-068	Manganese	Total	0.046	mg/l
2001-11-28	10:00:00	EST	21SC60WQ_WQX-C-068	Mercury	Total		
2001-11-28	10:00:00	EST	21SC60WQ_WQX-C-068	Nickel	Total		
2001-11-28	10:00:00	EST	21SC60WQ_WQX-C-068	Inorganic ni	Total		
2001-11-28	10:00:00	EST	21SC60WQ_WQX-C-068	Turbidity	Total	8.2	NTU
2001-11-28	10:00:00	EST	21SC60WQ_WQX-C-068	Zinc	Total	0.015	mg/l
2001-11-28	10:00:00	EST	21SC60WQ_WQX-C-068	Depth		0.3	m
2001-11-28	10:00:00	EST	21SC60WQ_WQX-C-068	Dissolved oxygen (DO)		10.52	mg/l
2001-11-28	10:00:00	EST	21SC60WQ_WQX-C-068	pH		5.69	None
2001-11-28	10:00:00	EST	21SC60WQ_WQX-C-068	Temperature, water		18	deg C
2001-12-04	09:45:00	EST	21SC60WQ_WQX-C-068	Alkalinity, to	Total	0	mg/l
2001-12-04	09:45:00	EST	21SC60WQ_WQX-C-068	Biochemical	Total		
2001-12-04	09:45:00	EST	21SC60WQ_WQX-C-068	Enterococcu	Total		
2001-12-04	09:45:00	EST	21SC60WQ_WQX-C-068	Fecal Colifo	Total	23	#/100ml
2001-12-04	09:45:00	EST	21SC60WQ_WQX-C-068	Kjeldahl nitr	Total	0.44	mg/l
2001-12-04	09:45:00	EST	21SC60WQ_WQX-C-068	Ammonia	Total		
2001-12-04	09:45:00	EST	21SC60WQ_WQX-C-068	Inorganic ni	Total		
2001-12-04	09:45:00	EST	21SC60WQ_WQX-C-068	Turbidity	Total	8.6	NTU
2001-12-04	09:45:00	EST	21SC60WQ_WQX-C-068	Nitrogen	Total		
2001-12-04	09:45:00	EST	21SC60WQ_WQX-C-068	Depth		0.3	m
2001-12-04	09:45:00	EST	21SC60WQ_WQX-C-068	Dissolved oxygen (DO)		7.12	mg/l
2001-12-04	09:45:00	EST	21SC60WQ_WQX-C-068	pH		6.23	None
2001-12-04	09:45:00	EST	21SC60WQ_WQX-C-068	Temperature, water		5.15	deg C
2006-01-26	11:25:00	EST	21SC60WQ_WQX-C-068	Alkalinity, to	Total	3.9	mg/l
2006-01-26	11:25:00	EST	21SC60WQ_WQX-C-068	Biochemical	Total	2.2	mg/l
2006-01-26	11:25:00	EST	21SC60WQ_WQX-C-068	Enterococcu	Total	3	#/100ml
2006-01-26	11:25:00	EST	21SC60WQ_WQX-C-068	Fecal Colifo	Total	7	#/100ml
2006-01-26	11:25:00	EST	21SC60WQ_WQX-C-068	Kjeldahl nitr	Total	0.58	mg/l
2006-01-26	11:25:00	EST	21SC60WQ_WQX-C-068	Ammonia		0.34	mg/l
2006-01-26	11:25:00	EST	21SC60WQ_WQX-C-068	Inorganic ni	Total	0.07	mg/l
2006-01-26	11:25:00	EST	21SC60WQ_WQX-C-068	Phosphorus	Total	0.02	mg/l
2006-01-26	11:25:00	EST	21SC60WQ_WQX-C-068	Turbidity	Total	37	NTU
2006-01-26	11:25:00	EST	21SC60WQ_WQX-C-068	Nitrogen	Total	0.65	mg/l
2006-01-26	11:25:00	EST	21SC60WQ_WQX-C-068	Depth		0.3	m
2006-01-26	11:25:00	EST	21SC60WQ_WQX-C-068	Dissolved oxygen (DO)		8.2	mg/l
2006-01-26	11:25:00	EST	21SC60WQ_WQX-C-068	pH		6.41	None
2006-01-26	11:25:00	EST	21SC60WQ_WQX-C-068	Temperature, water		11.5	deg C
2006-02-28	10:20:00	EST	21SC60WQ_WQX-C-068	Alkalinity, to	Total	3.3	mg/l
2006-02-28	10:20:00	EST	21SC60WQ_WQX-C-068	Biochemical	Total		
2006-02-28	10:20:00	EST	21SC60WQ_WQX-C-068	Cadmium	Total		
2006-02-28	10:20:00	EST	21SC60WQ_WQX-C-068	Calcium	Total	1.9	mg/l
2006-02-28	10:20:00	EST	21SC60WQ_WQX-C-068	Organic carl	Total	4.2	mg/l
2006-02-28	10:20:00	EST	21SC60WQ_WQX-C-068	Chromium	Total		
2006-02-28	10:20:00	EST	21SC60WQ_WQX-C-068	Copper	Total		
2006-02-28	10:20:00	EST	21SC60WQ_WQX-C-068	Enterococcu	Total	17	#/100ml
2006-02-28	10:20:00	EST	21SC60WQ_WQX-C-068	Fecal Colifo	Total	32	#/100ml
2006-02-28	10:20:00	EST	21SC60WQ_WQX-C-068	Hardness, C	Total	6.6	mg/l

2006-02-28	10:20:00	EST	21SC60WQ_WQX-C-068	Iron	Total	0.6	mg/l
2006-02-28	10:20:00	EST	21SC60WQ_WQX-C-068	Lead	Total		
2006-02-28	10:20:00	EST	21SC60WQ_WQX-C-068	Magnesium	Total	0.45	mg/l
2006-02-28	10:20:00	EST	21SC60WQ_WQX-C-068	Manganese	Total	0.022	mg/l
2006-02-28	10:20:00	EST	21SC60WQ_WQX-C-068	Mercury	Total		
2006-02-28	10:20:00	EST	21SC60WQ_WQX-C-068	Nickel	Total		
2006-02-28	10:20:00	EST	21SC60WQ_WQX-C-068	Kjeldahl nitr	Total	0.37	mg/l
2006-02-28	10:20:00	EST	21SC60WQ_WQX-C-068	Ammonia		0.19	mg/l
2006-02-28	10:20:00	EST	21SC60WQ_WQX-C-068	Phosphorus	Total		
2006-02-28	10:20:00	EST	21SC60WQ_WQX-C-068	Turbidity	Total	9.4	NTU
2006-02-28	10:20:00	EST	21SC60WQ_WQX-C-068	Zinc	Total		
2006-02-28	10:20:00	EST	21SC60WQ_WQX-C-068	Depth		0.3	m
2006-02-28	10:20:00	EST	21SC60WQ_WQX-C-068	Dissolved oxygen (DO)		9.25	mg/l
2006-02-28	10:20:00	EST	21SC60WQ_WQX-C-068	pH		6.85	None
2006-02-28	10:20:00	EST	21SC60WQ_WQX-C-068	Temperature, water		11.6	deg C
2006-03-15	10:40:00	EST	21SC60WQ_WQX-C-068	Alkalinity, to	Total	3.5	mg/l
2006-03-15	10:40:00	EST	21SC60WQ_WQX-C-068	Biochemical	Total		
2006-03-15	10:40:00	EST	21SC60WQ_WQX-C-068	Enterococcu	Total	14	#/100ml
2006-03-15	10:40:00	EST	21SC60WQ_WQX-C-068	Fecal Colifor	Total	83	#/100ml
2006-03-15	10:40:00	EST	21SC60WQ_WQX-C-068	Kjeldahl nitr	Total	0.53	mg/l
2006-03-15	10:40:00	EST	21SC60WQ_WQX-C-068	Ammonia		0.087	mg/l
2006-03-15	10:40:00	EST	21SC60WQ_WQX-C-068	Inorganic ni	Total		
2006-03-15	10:40:00	EST	21SC60WQ_WQX-C-068	Phosphorus	Total		
2006-03-15	10:40:00	EST	21SC60WQ_WQX-C-068	Turbidity	Total	5.9	NTU
2006-03-15	10:40:00	EST	21SC60WQ_WQX-C-068	Nitrogen	Total		
2006-03-15	10:40:00	EST	21SC60WQ_WQX-C-068	Depth		0.3	m
2006-03-15	10:40:00	EST	21SC60WQ_WQX-C-068	Dissolved oxygen (DO)		7.35	mg/l
2006-03-15	10:40:00	EST	21SC60WQ_WQX-C-068	pH		7.16	None
2006-03-15	10:40:00	EST	21SC60WQ_WQX-C-068	Temperature, water		18.5	deg C
2006-04-25	12:00:00	EST	21SC60WQ_WQX-C-068	Alkalinity, to	Total	5.7	mg/l
2006-04-25	12:00:00	EST	21SC60WQ_WQX-C-068	Biochemical	Total	4.4	mg/l
2006-04-25	12:00:00	EST	21SC60WQ_WQX-C-068	Enterococcu	Total	2	#/100ml
2006-04-25	12:00:00	EST	21SC60WQ_WQX-C-068	Fecal Colifor	Total	8	#/100ml
2006-04-25	12:00:00	EST	21SC60WQ_WQX-C-068	Kjeldahl nitr	Total	0.67	mg/l
2006-04-25	12:00:00	EST	21SC60WQ_WQX-C-068	Ammonia		0.25	mg/l
2006-04-25	12:00:00	EST	21SC60WQ_WQX-C-068	Inorganic ni	Total	0.024	mg/l
2006-04-25	12:00:00	EST	21SC60WQ_WQX-C-068	Phosphorus	Total	0.023	mg/l
2006-04-25	12:00:00	EST	21SC60WQ_WQX-C-068	Turbidity	Total	6.2	NTU
2006-04-25	12:00:00	EST	21SC60WQ_WQX-C-068	Nitrogen	Total	0.694	mg/l
2006-04-25	12:00:00	EST	21SC60WQ_WQX-C-068	Depth		0.3	m
2006-04-25	12:00:00	EST	21SC60WQ_WQX-C-068	Dissolved oxygen (DO)		7.14	mg/l
2006-04-25	12:00:00	EST	21SC60WQ_WQX-C-068	pH		6.81	None
2006-04-25	12:00:00	EST	21SC60WQ_WQX-C-068	Temperature, water		27.9	deg C
2006-05-08	10:10:00	EST	21SC60WQ_WQX-C-068	Alkalinity, to	Total	7	mg/l
2006-05-08	10:10:00	EST	21SC60WQ_WQX-C-068	Biochemical	Total	2.5	mg/l
2006-05-08	10:10:00	EST	21SC60WQ_WQX-C-068	Cadmium	Total		
2006-05-08	10:10:00	EST	21SC60WQ_WQX-C-068	Organic carl	Total	5.9	mg/l
2006-05-08	10:10:00	EST	21SC60WQ_WQX-C-068	Chromium	Total		
2006-05-08	10:10:00	EST	21SC60WQ_WQX-C-068	Copper	Total		
2006-05-08	10:10:00	EST	21SC60WQ_WQX-C-068	Enterococcu	Total	17	#/100ml
2006-05-08	10:10:00	EST	21SC60WQ_WQX-C-068	Fecal Colifor	Total	54	#/100ml
2006-05-08	10:10:00	EST	21SC60WQ_WQX-C-068	Iron	Total	0.95	mg/l
2006-05-08	10:10:00	EST	21SC60WQ_WQX-C-068	Lead	Total		
2006-05-08	10:10:00	EST	21SC60WQ_WQX-C-068	Manganese	Total	0.05	mg/l

2006-05-08	10:10:00	EST	21SC60WQ_WQX-C-068	Mercury	Total		
2006-05-08	10:10:00	EST	21SC60WQ_WQX-C-068	Nickel	Total		
2006-05-08	10:10:00	EST	21SC60WQ_WQX-C-068	Kjeldahl nitr	Total	0.41	mg/l
2006-05-08	10:10:00	EST	21SC60WQ_WQX-C-068	Ammonia		0.21	mg/l
2006-05-08	10:10:00	EST	21SC60WQ_WQX-C-068	Inorganic ni	Total		
2006-05-08	10:10:00	EST	21SC60WQ_WQX-C-068	Phosphorus	Total	0.03	mg/l
2006-05-08	10:10:00	EST	21SC60WQ_WQX-C-068	Turbidity	Total	5.3	NTU
2006-05-08	10:10:00	EST	21SC60WQ_WQX-C-068	Zinc	Total	0.023	mg/l
2006-05-08	10:10:00	EST	21SC60WQ_WQX-C-068	Nitrogen	Total		
2006-05-08	10:10:00	EST	21SC60WQ_WQX-C-068	Depth		0.3	m
2006-05-08	10:10:00	EST	21SC60WQ_WQX-C-068	Dissolved oxygen (DO)		5.09	mg/l
2006-05-08	10:10:00	EST	21SC60WQ_WQX-C-068	pH		6.88	None
2006-05-08	10:10:00	EST	21SC60WQ_WQX-C-068	Temperature, water		22	deg C
2006-06-06	12:20:00	EST	21SC60WQ_WQX-C-068	Alkalinity, tc	Total	8.6	mg/l
2006-06-06	12:20:00	EST	21SC60WQ_WQX-C-068	Biochemical	Total	2.9	mg/l
2006-06-06	12:20:00	EST	21SC60WQ_WQX-C-068	Enterococcu	Total	27	#/100ml
2006-06-06	12:20:00	EST	21SC60WQ_WQX-C-068	Fecal Colifor	Total	65	#/100ml
2006-06-06	12:20:00	EST	21SC60WQ_WQX-C-068	Kjeldahl nitr	Total	0.1	mg/l
2006-06-06	12:20:00	EST	21SC60WQ_WQX-C-068	Inorganic ni	Total		
2006-06-06	12:20:00	EST	21SC60WQ_WQX-C-068	Phosphorus	Total		
2006-06-06	12:20:00	EST	21SC60WQ_WQX-C-068	Turbidity	Total	7.3	NTU
2006-06-06	12:20:00	EST	21SC60WQ_WQX-C-068	Nitrogen	Total		
2006-06-06	12:20:00	EST	21SC60WQ_WQX-C-068	Dissolved oxygen (DO)		6.07	mg/l
2006-06-06	12:20:00	EST	21SC60WQ_WQX-C-068	pH		6.77	None
2006-06-06	12:20:00	EST	21SC60WQ_WQX-C-068	Temperature, water		28.8	deg C
2006-07-12	12:15:00	EST	21SC60WQ_WQX-C-068	Alkalinity, tc	Total	6.8	mg/l
2006-07-12	12:15:00	EST	21SC60WQ_WQX-C-068	Biochemical	Total	2	mg/l
2006-07-12	12:15:00	EST	21SC60WQ_WQX-C-068	Enterococcu	Total	2	#/100ml
2006-07-12	12:15:00	EST	21SC60WQ_WQX-C-068	Fecal Colifor	Total	120	#/100ml
2006-07-12	12:15:00	EST	21SC60WQ_WQX-C-068	Kjeldahl nitr	Total	0.47	mg/l
2006-07-12	12:15:00	EST	21SC60WQ_WQX-C-068	Ammonia		0.21	mg/l
2006-07-12	12:15:00	EST	21SC60WQ_WQX-C-068	Inorganic ni	Total		
2006-07-12	12:15:00	EST	21SC60WQ_WQX-C-068	Phosphorus	Total	0.02	mg/l
2006-07-12	12:15:00	EST	21SC60WQ_WQX-C-068	Turbidity	Total	5.3	NTU
2006-07-12	12:15:00	EST	21SC60WQ_WQX-C-068	Nitrogen	Total		
2006-07-12	12:15:00	EST	21SC60WQ_WQX-C-068	Chlorophyll a, corrected		20.56	ug/l
2006-07-12	12:15:00	EST	21SC60WQ_WQX-C-068	Depth		0.3	m
2006-07-12	12:15:00	EST	21SC60WQ_WQX-C-068	Dissolved oxygen (DO)		6.34	mg/l
2006-07-12	12:15:00	EST	21SC60WQ_WQX-C-068	pH		7.07	None
2006-07-12	12:15:00	EST	21SC60WQ_WQX-C-068	Temperature, water		35.5	deg C
2006-08-28	11:55:00	EST	21SC60WQ_WQX-C-068	Alkalinity, tc	Total	9.1	mg/l
2006-08-28	11:55:00	EST	21SC60WQ_WQX-C-068	Biochemical	Total	2.3	mg/l
2006-08-28	11:55:00	EST	21SC60WQ_WQX-C-068	Cadmium	Total		
2006-08-28	11:55:00	EST	21SC60WQ_WQX-C-068	Organic carl	Total	6	mg/l
2006-08-28	11:55:00	EST	21SC60WQ_WQX-C-068	Chromium	Total		
2006-08-28	11:55:00	EST	21SC60WQ_WQX-C-068	Copper	Total		
2006-08-28	11:55:00	EST	21SC60WQ_WQX-C-068	Enterococcu	Total	340	#/100ml
2006-08-28	11:55:00	EST	21SC60WQ_WQX-C-068	Fecal Colifor	Total	96	#/100ml
2006-08-28	11:55:00	EST	21SC60WQ_WQX-C-068	Iron	Total	1.1	mg/l
2006-08-28	11:55:00	EST	21SC60WQ_WQX-C-068	Lead	Total		
2006-08-28	11:55:00	EST	21SC60WQ_WQX-C-068	Manganese	Total	0.065	mg/l
2006-08-28	11:55:00	EST	21SC60WQ_WQX-C-068	Mercury	Total		
2006-08-28	11:55:00	EST	21SC60WQ_WQX-C-068	Nickel	Total		
2006-08-28	11:55:00	EST	21SC60WQ_WQX-C-068	Kjeldahl nitr	Total	0.32	mg/l

2006-08-28	11:55:00	EST	21SC60WQ_WQX-C-068	Ammonia			
2006-08-28	11:55:00	EST	21SC60WQ_WQX-C-068	Inorganic ni	Total		
2006-08-28	11:55:00	EST	21SC60WQ_WQX-C-068	Phosphorus	Total	0.022	mg/l
2006-08-28	11:55:00	EST	21SC60WQ_WQX-C-068	Turbidity	Total	8.7	NTU
2006-08-28	11:55:00	EST	21SC60WQ_WQX-C-068	Zinc	Total		
2006-08-28	11:55:00	EST	21SC60WQ_WQX-C-068	Nitrogen	Total		
2006-08-28	11:55:00	EST	21SC60WQ_WQX-C-068	Depth		0.3	m
2006-08-28	11:55:00	EST	21SC60WQ_WQX-C-068	Dissolved oxygen (DO)		5.59	mg/l
2006-08-28	11:55:00	EST	21SC60WQ_WQX-C-068	pH		7.25	None
2006-08-28	11:55:00	EST	21SC60WQ_WQX-C-068	Temperature, water		31.3	deg C
2006-09-09	10:15:00	EST	21SC60WQ_WQX-C-068	Alkalinity, to	Total	6.8	mg/l
2006-09-09	10:15:00	EST	21SC60WQ_WQX-C-068	Biochemical	Total	3.3	mg/l
2006-09-09	10:15:00	EST	21SC60WQ_WQX-C-068	Enterococcu	Total	4	#/100ml
2006-09-09	10:15:00	EST	21SC60WQ_WQX-C-068	Fecal Colifor	Total	46	#/100ml
2006-09-09	10:15:00	EST	21SC60WQ_WQX-C-068	Ammonia			
2006-09-09	10:15:00	EST	21SC60WQ_WQX-C-068	Inorganic ni	Total	0.023	mg/l
2006-09-09	10:15:00	EST	21SC60WQ_WQX-C-068	Phosphorus	Total	0.032	mg/l
2006-09-09	10:15:00	EST	21SC60WQ_WQX-C-068	Turbidity	Total	8	NTU
2006-09-09	10:15:00	EST	21SC60WQ_WQX-C-068	Depth		0.3	m
2006-09-09	10:15:00	EST	21SC60WQ_WQX-C-068	Dissolved oxygen (DO)		8.31	mg/l
2006-09-09	10:15:00	EST	21SC60WQ_WQX-C-068	pH		7	None
2006-09-09	10:15:00	EST	21SC60WQ_WQX-C-068	Temperature, water		26.4	deg C
2006-10-18	12:00:00	EST	21SC60WQ_WQX-C-068	Alkalinity, to	Total	5.8	mg/l
2006-10-18	12:00:00	EST	21SC60WQ_WQX-C-068	Biochemical	Total	3.2	mg/l
2006-10-18	12:00:00	EST	21SC60WQ_WQX-C-068	Enterococcu	Total	3	#/100ml
2006-10-18	12:00:00	EST	21SC60WQ_WQX-C-068	Fecal Colifor	Total	30	#/100ml
2006-10-18	12:00:00	EST	21SC60WQ_WQX-C-068	Kjeldahl nitr	Total	0.56	mg/l
2006-10-18	12:00:00	EST	21SC60WQ_WQX-C-068	Ammonia		0.12	mg/l
2006-10-18	12:00:00	EST	21SC60WQ_WQX-C-068	Inorganic ni	Total		
2006-10-18	12:00:00	EST	21SC60WQ_WQX-C-068	Phosphorus	Total		
2006-10-18	12:00:00	EST	21SC60WQ_WQX-C-068	Turbidity	Total	7.4	NTU
2006-10-18	12:00:00	EST	21SC60WQ_WQX-C-068	Nitrogen	Total		
2006-10-18	12:00:00	EST	21SC60WQ_WQX-C-068	Chlorophyll a, corrected		44.32	ug/l
2006-10-18	12:00:00	EST	21SC60WQ_WQX-C-068	Depth		0.3	m
2006-10-18	12:00:00	EST	21SC60WQ_WQX-C-068	Dissolved oxygen (DO)		6.9	mg/l
2006-10-18	12:00:00	EST	21SC60WQ_WQX-C-068	pH		7.21	None
2006-10-18	12:00:00	EST	21SC60WQ_WQX-C-068	Temperature, water		22	deg C
2006-11-08	11:40:00	EST	21SC60WQ_WQX-C-068	Alkalinity, to	Total	5.1	mg/l
2006-11-08	11:40:00	EST	21SC60WQ_WQX-C-068	Biochemical	Total	2.4	mg/l
2006-11-08	11:40:00	EST	21SC60WQ_WQX-C-068	Cadmium	Total		
2006-11-08	11:40:00	EST	21SC60WQ_WQX-C-068	Organic carl	Total	7.4	mg/l
2006-11-08	11:40:00	EST	21SC60WQ_WQX-C-068	Chromium	Total		
2006-11-08	11:40:00	EST	21SC60WQ_WQX-C-068	Copper	Total		
2006-11-08	11:40:00	EST	21SC60WQ_WQX-C-068	Enterococcu	Total	1	#/100ml
2006-11-08	11:40:00	EST	21SC60WQ_WQX-C-068	Fecal Colifor	Total	3	#/100ml
2006-11-08	11:40:00	EST	21SC60WQ_WQX-C-068	Iron	Total	1	mg/l
2006-11-08	11:40:00	EST	21SC60WQ_WQX-C-068	Lead	Total		
2006-11-08	11:40:00	EST	21SC60WQ_WQX-C-068	Manganese	Total	0.048	mg/l
2006-11-08	11:40:00	EST	21SC60WQ_WQX-C-068	Mercury	Total		
2006-11-08	11:40:00	EST	21SC60WQ_WQX-C-068	Nickel	Total		
2006-11-08	11:40:00	EST	21SC60WQ_WQX-C-068	Kjeldahl nitr	Total	0.44	mg/l
2006-11-08	11:40:00	EST	21SC60WQ_WQX-C-068	Inorganic ni	Total		
2006-11-08	11:40:00	EST	21SC60WQ_WQX-C-068	Phosphorus	Total	0.022	mg/l
2006-11-08	11:40:00	EST	21SC60WQ_WQX-C-068	Turbidity	Total	12	NTU

2006-11-08	11:40:00	EST	21SC60WQ_WQX-C-068	Zinc	Total		
2006-11-08	11:40:00	EST	21SC60WQ_WQX-C-068	Nitrogen	Total		
2006-11-08	11:40:00	EST	21SC60WQ_WQX-C-068	Depth		0.3	m
2006-11-08	11:40:00	EST	21SC60WQ_WQX-C-068	Dissolved oxygen (DO)		8.29	mg/l
2006-11-08	11:40:00	EST	21SC60WQ_WQX-C-068	pH		6.91	None
2006-11-08	11:40:00	EST	21SC60WQ_WQX-C-068	Temperature, water		16.1	deg C
2006-12-05	10:00:00	EST	21SC60WQ_WQX-C-068	Alkalinity, tc	Total	4	mg/l
2006-12-05	10:00:00	EST	21SC60WQ_WQX-C-068	Biochemical	Total		
2006-12-05	10:00:00	EST	21SC60WQ_WQX-C-068	Enterococcu	Total	14	#/100ml
2006-12-05	10:00:00	EST	21SC60WQ_WQX-C-068	Fecal Colifor	Total	29	#/100ml
2006-12-05	10:00:00	EST	21SC60WQ_WQX-C-068	Kjeldahl nitr	Total	0.55	mg/l
2006-12-05	10:00:00	EST	21SC60WQ_WQX-C-068	Ammonia		0.099	mg/l
2006-12-05	10:00:00	EST	21SC60WQ_WQX-C-068	Inorganic ni	Total	0.062	mg/l
2006-12-05	10:00:00	EST	21SC60WQ_WQX-C-068	Phosphorus	Total		
2006-12-05	10:00:00	EST	21SC60WQ_WQX-C-068	Turbidity	Total	19	NTU
2006-12-05	10:00:00	EST	21SC60WQ_WQX-C-068	Nitrogen	Total	0.612	mg/l
2006-12-05	10:00:00	EST	21SC60WQ_WQX-C-068	Depth		0.3	m
2006-12-05	10:00:00	EST	21SC60WQ_WQX-C-068	Dissolved oxygen (DO)		8.6	mg/l
2006-12-05	10:00:00	EST	21SC60WQ_WQX-C-068	pH		6.71	None
2006-12-05	10:00:00	EST	21SC60WQ_WQX-C-068	Temperature, water		13.3	deg C
2009-01-05	13:10:00	EDT	21SC60WQ_WQX-C-068	Enterococcus		3.0	#/100ml
2009-01-05	13:10:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli		7.4	#/100ml
2009-01-05	13:10:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform		13	#/100ml
2009-01-13	13:20:00	EDT	21SC60WQ_WQX-C-068	Enterococcus		7.4	#/100ml
2009-01-13	13:20:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli		35.9	#/100ml
2009-01-13	13:20:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform		40	#/100ml
2009-01-21	11:25:00	EDT	21SC60WQ_WQX-C-068	Enterococcus		1.0	#/100ml
2009-01-21	11:25:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli		11.65	#/100ml
2009-01-21	11:25:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform		5	#/100ml
2009-01-27	14:30:00	EDT	21SC60WQ_WQX-C-068	Enterococcus		2.0	#/100ml
2009-01-27	14:30:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli		8.6	#/100ml
2009-01-27	14:30:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform		3	#/100ml
2009-02-03	13:10:00	EDT	21SC60WQ_WQX-C-068	Enterococcus		4.1	#/100ml
2009-02-03	13:10:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli		1.0	#/100ml
2009-02-03	13:10:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform			
2009-02-10	13:05:00	EDT	21SC60WQ_WQX-C-068	Enterococcus			
2009-02-10	13:05:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli			
2009-02-10	13:05:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform			
2009-02-10	13:05:00	EDT	21SC60WQ_WQX-C-068	Depth		0.3	m
2009-02-18	13:55:00	EDT	21SC60WQ_WQX-C-068	Enterococcus		3.0	#/100ml
2009-02-18	13:55:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli		2.0	#/100ml
2009-02-18	13:55:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform		5	#/100ml
2009-02-18	13:55:00	EDT	21SC60WQ_WQX-C-068	Depth		0.3	m
2009-02-24	09:30:00	EDT	21SC60WQ_WQX-C-068	Enterococcus		1.0	#/100ml
2009-02-24	09:30:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli		1.0	#/100ml
2009-02-24	09:30:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform		3	#/100ml
2009-03-03	13:00:00	EDT	21SC60WQ_WQX-C-068	Enterococcus		8.5	#/100ml
2009-03-03	13:00:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli		69.1	#/100ml
2009-03-03	13:00:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform		74	#/100ml
2009-03-10	13:00:00	EDT	21SC60WQ_WQX-C-068	Enterococcus		4.1	#/100ml
2009-03-10	13:00:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli		5.2	#/100ml
2009-03-10	13:00:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform		6	#/100ml
2009-03-10	13:00:00	EDT	21SC60WQ_WQX-C-068	Depth		0.30	m
2009-03-17	13:55:00	EDT	21SC60WQ_WQX-C-068	Enterococcus		2.0	#/100ml

2009-03-17	13:55:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli	47.9	#/100ml
2009-03-17	13:55:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform	36	#/100ml
2009-03-17	13:55:00	EDT	21SC60WQ_WQX-C-068	Depth	0.3	m
2009-03-24	11:00:00	EDT	21SC60WQ_WQX-C-068	Enterococcus		
2009-03-24	11:00:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli		
2009-03-24	11:00:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform	1	#/100ml
2009-03-31	11:50:00	EDT	21SC60WQ_WQX-C-068	Enterococcus		
2009-03-31	11:50:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli	31.8	#/100ml
2009-03-31	11:50:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform	39	#/100ml
2009-04-07	09:10:00	EDT	21SC60WQ_WQX-C-068	Enterococcus	1.0	#/100ml
2009-04-07	09:10:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli	17.5	#/100ml
2009-04-07	09:10:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform	19	#/100ml
2009-04-14	12:05:00	EDT	21SC60WQ_WQX-C-068	Enterococcus	53.0	#/100ml
2009-04-14	12:05:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli	25.55	#/100ml
2009-04-14	12:05:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform	66	#/100ml
2009-04-14	12:05:00	EDT	21SC60WQ_WQX-C-068	Depth	0.3	m
2009-04-21	09:50:00	EDT	21SC60WQ_WQX-C-068	Enterococcus	3.1	#/100ml
2009-04-21	09:50:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli	23.1	#/100ml
2009-04-21	09:50:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform	21	#/100ml
2009-04-28	11:05:00	EDT	21SC60WQ_WQX-C-068	Enterococcus	4.1	#/100ml
2009-04-28	11:05:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli	16.1	#/100ml
2009-04-28	11:05:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform	16	#/100ml
2009-04-28	11:05:00	EDT	21SC60WQ_WQX-C-068	Depth	0.3	m
2009-05-05	11:30:00	EDT	21SC60WQ_WQX-C-068	Enterococcus	58.3	#/100ml
2009-05-05	11:30:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli	67.7	#/100ml
2009-05-05	11:30:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform	120	#/100ml
2009-05-05	11:30:00	EDT	21SC60WQ_WQX-C-068	Depth	0.3	m
2009-05-13	11:25:00	EDT	21SC60WQ_WQX-C-068	Enterococcus	8.6	#/100ml
2009-05-13	11:25:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli	18.7	#/100ml
2009-05-13	11:25:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform	41	#/100ml
2009-05-13	11:25:00	EDT	21SC60WQ_WQX-C-068	Depth	0.3	m
2009-05-19	13:05:00	EDT	21SC60WQ_WQX-C-068	Enterococcus	65.7	#/100ml
2009-05-19	13:05:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli	101.9	#/100ml
2009-05-19	13:05:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform	140	#/100ml
2009-05-27	12:25:00	EDT	21SC60WQ_WQX-C-068	Enterococcus	24.5	#/100ml
2009-05-27	12:25:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli	344.8	#/100ml
2009-05-27	12:25:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform	220	#/100ml
2009-05-27	12:25:00	EDT	21SC60WQ_WQX-C-068	Depth	0.3	m
2009-06-02	12:05:00	EDT	21SC60WQ_WQX-C-068	Enterococcus	198.9	#/100ml
2009-06-02	12:05:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli	83.6	#/100ml
2009-06-02	12:05:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform	330	#/100ml
2009-06-02	12:05:00	EDT	21SC60WQ_WQX-C-068	Depth	0.3	m
2009-06-09	11:50:00	EDT	21SC60WQ_WQX-C-068	Enterococcus	18.5	#/100ml
2009-06-09	11:50:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli	7.3	#/100ml
2009-06-09	11:50:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform	40	#/100ml
2009-06-09	11:50:00	EDT	21SC60WQ_WQX-C-068	Depth	0.3	m
2009-06-16	12:40:00	EDT	21SC60WQ_WQX-C-068	Enterococcus	2.0	#/100ml
2009-06-16	12:40:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli	4.0	#/100ml
2009-06-16	12:40:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform	9	#/100ml
2009-06-16	12:40:00	EDT	21SC60WQ_WQX-C-068	Depth	0.3	m
2009-06-23	13:35:00	EDT	21SC60WQ_WQX-C-068	Enterococcus	7.5	#/100ml
2009-06-23	13:35:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli	8	#/100ml
2009-06-23	13:35:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform	41	#/100ml
2009-06-23	13:35:00	EDT	21SC60WQ_WQX-C-068	Depth	0.3	m

2009-07-01	11:30:00	EDT	21SC60WQ_WQX-C-068	Enterococcus	15.8	#/100ml
2009-07-01	11:30:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli	16.4	#/100ml
2009-07-01	11:30:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform	61	#/100ml
2009-07-07	11:35:00	EDT	21SC60WQ_WQX-C-068	Enterococcus	214.3	#/100ml
2009-07-07	11:35:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli	114.0	#/100ml
2009-07-07	11:35:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform		
2009-07-07	11:35:00	EDT	21SC60WQ_WQX-C-068	Depth	0.3	m
2009-07-14	10:35:00	EDT	21SC60WQ_WQX-C-068	Enterococcus	54.5	#/100ml
2009-07-14	10:35:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli	143.6	#/100ml
2009-07-14	10:35:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform	93	#/100ml
2009-07-21	11:40:00	EDT	21SC60WQ_WQX-C-068	Enterococcus	7.3	#/100ml
2009-07-21	11:40:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli	20.8	#/100ml
2009-07-21	11:40:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform	35	#/100ml
2009-07-21	11:40:00	EDT	21SC60WQ_WQX-C-068	Depth	0.3	m
2009-07-28	12:00:00	EDT	21SC60WQ_WQX-C-068	Enterococcus	6.3	#/100ml
2009-07-28	12:00:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli	48.8	#/100ml
2009-07-28	12:00:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform	55	#/100ml
2009-07-28	12:00:00	EDT	21SC60WQ_WQX-C-068	Depth	0.3	m
2009-08-04	10:30:00	EDT	21SC60WQ_WQX-C-068	Enterococcus	37.9	#/100ml
2009-08-04	10:30:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli	20.8	#/100ml
2009-08-04	10:30:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform	78	#/100ml
2009-08-11	11:50:00	EDT	21SC60WQ_WQX-C-068	Enterococcus	7.5	#/100ml
2009-08-11	11:50:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli	33.6	#/100ml
2009-08-11	11:50:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform	27	#/100ml
2009-08-11	11:50:00	EDT	21SC60WQ_WQX-C-068	Depth	0.3	m
2009-08-18	11:05:00	EDT	21SC60WQ_WQX-C-068	Enterococcus	29.5	#/100ml
2009-08-18	11:05:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli	34.0	#/100ml
2009-08-18	11:05:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform	160	#/100ml
2009-08-18	11:05:00	EDT	21SC60WQ_WQX-C-068	Depth	0.3	m
2009-08-25	11:20:00	EDT	21SC60WQ_WQX-C-068	Enterococcus	4.1	#/100ml
2009-08-25	11:20:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli	4.0	#/100ml
2009-08-25	11:20:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform	18	#/100ml
2009-08-25	11:20:00	EDT	21SC60WQ_WQX-C-068	Depth	0.3	m
2009-09-01	12:50:00	EDT	21SC60WQ_WQX-C-068	Enterococcus	17.1	#/100ml
2009-09-01	12:50:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli	4	#/100ml
2009-09-01	12:50:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform	73	#/100ml
2009-09-01	12:50:00	EDT	21SC60WQ_WQX-C-068	Depth	0.3	m
2009-09-09	10:25:00	EDT	21SC60WQ_WQX-C-068	Enterococcus	40.4	#/100ml
2009-09-09	10:25:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli	25.2	#/100ml
2009-09-09	10:25:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform	84	#/100ml
2009-09-15	12:25:00	EDT	21SC60WQ_WQX-C-068	Enterococcus	8.5	#/100ml
2009-09-15	12:25:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli	4	#/100ml
2009-09-15	12:25:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform	33	#/100ml
2009-09-15	12:25:00	EDT	21SC60WQ_WQX-C-068	Depth	0.3	m
2009-09-22	13:30:00	EDT	21SC60WQ_WQX-C-068	Enterococcus	3	#/100ml
2009-09-22	13:30:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli	4	#/100ml
2009-09-22	13:30:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform	12	#/100ml
2009-09-22	13:30:00	EDT	21SC60WQ_WQX-C-068	Depth	0.3	m
2009-09-29	11:15:00	EDT	21SC60WQ_WQX-C-068	Enterococcus	6.1	#/100ml
2009-09-29	11:15:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli	16.4	#/100ml
2009-09-29	11:15:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform	98	#/100ml
2009-10-06	11:45:00	EDT	21SC60WQ_WQX-C-068	Enterococcus	165.0	#/100ml
2009-10-06	11:45:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli	123.6	#/100ml
2009-10-06	11:45:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform	840	#/100ml

2009-10-06	11:45:00	EDT	21SC60WQ_WQX-C-068	Depth	0.3	m
2009-10-13	11:45:00	EDT	21SC60WQ_WQX-C-068	Enterococcus	275.5	#/100ml
2009-10-13	11:45:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli	912.8	#/100ml
2009-10-13	11:45:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform	1100	#/100ml
2009-10-13	11:45:00	EDT	21SC60WQ_WQX-C-068	Depth	0.3	m
2009-10-20	11:30:00	EDT	21SC60WQ_WQX-C-068	Enterococcus	4.1	#/100ml
2009-10-20	11:30:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli	25.2	#/100ml
2009-10-20	11:30:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform	30	#/100ml
2009-10-20	11:30:00	EDT	21SC60WQ_WQX-C-068	Depth	0.3	m
2009-10-27	12:45:00	EDT	21SC60WQ_WQX-C-068	Enterococcus	13.1	#/100ml
2009-10-27	12:45:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli	8	#/100ml
2009-10-27	12:45:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform	30	#/100ml
2009-10-27	12:45:00	EDT	21SC60WQ_WQX-C-068	Depth	0.3	m
2009-11-03	12:00:00	EDT	21SC60WQ_WQX-C-068	Enterococcus	22.8	#/100ml
2009-11-03	12:00:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli	12.4	#/100ml
2009-11-03	12:00:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform	23	#/100ml
2009-11-09	11:05:00	EDT	21SC60WQ_WQX-C-068	Enterococcus	8.3	#/100ml
2009-11-09	11:05:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli		
2009-11-09	11:05:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform	2	#/100ml
2009-11-09	11:05:00	EDT	21SC60WQ_WQX-C-068	Depth	0.3	m
2009-11-17	11:40:00	EDT	21SC60WQ_WQX-C-068	Enterococcus	13.5	#/100ml
2009-11-17	11:40:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli	91.2	#/100ml
2009-11-17	11:40:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform	94	#/100ml
2009-11-17	11:40:00	EDT	21SC60WQ_WQX-C-068	Depth	0.3	m
2009-11-24	12:05:00	EDT	21SC60WQ_WQX-C-068	Enterococcus	32.7	#/100ml
2009-11-24	12:05:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli	74.8	#/100ml
2009-11-24	12:05:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform	80	#/100ml
2009-12-01	10:55:00	EDT	21SC60WQ_WQX-C-068	Enterococcus	8.4	#/100ml
2009-12-01	10:55:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli	12.4	#/100ml
2009-12-01	10:55:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform	19	#/100ml
2009-12-01	10:55:00	EDT	21SC60WQ_WQX-C-068	Depth	0.3	m
2009-12-08	12:45:00	EDT	21SC60WQ_WQX-C-068	Enterococcus	17.3	#/100ml
2009-12-08	12:45:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli	38.8	#/100ml
2009-12-08	12:45:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform	43	#/100ml
2009-12-08	12:45:00	EDT	21SC60WQ_WQX-C-068	Depth	0.3	m
2009-12-15	13:00:00	EDT	21SC60WQ_WQX-C-068	Enterococcus	12.2	#/100ml
2009-12-15	13:00:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli	62.4	#/100ml
2009-12-15	13:00:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform	51	#/100ml
2009-12-22	11:50:00	EDT	21SC60WQ_WQX-C-068	Enterococcus	13.5	#/100ml
2009-12-22	11:50:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli	72.4	#/100ml
2009-12-22	11:50:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform	65	#/100ml
2009-12-22	11:50:00	EDT	21SC60WQ_WQX-C-068	Depth	0.3	m
2009-12-30	12:05:00	EDT	21SC60WQ_WQX-C-068	Enterococcus	81.85	#/100ml
2009-12-30	12:05:00	EDT	21SC60WQ_WQX-C-068	Escherichia coli	172.6	#/100ml
2009-12-30	12:05:00	EDT	21SC60WQ_WQX-C-068	Fecal Coliform	120	#/100ml
2009-12-30	12:05:00	EDT	21SC60WQ_WQX-C-068	Depth	0.3	m

2009-01-13	13:40:00	EDT	21SC60WQ_WQX-RS-09323	Alkalinity, tc	Total	9.0	mg/l
2009-01-13	13:40:00	EDT	21SC60WQ_WQX-RS-09323	Ammonia	Total	0.25	mg/l
2009-01-13	13:40:00	EDT	21SC60WQ_WQX-RS-09323	Biochemical oxygen demand, standard conditions			
2009-01-13	13:40:00	EDT	21SC60WQ_WQX-RS-09323	Enterococcus		6.3	#/100ml
2009-01-13	13:40:00	EDT	21SC60WQ_WQX-RS-09323	Escherichia coli		22.3	#/100ml
2009-01-13	13:40:00	EDT	21SC60WQ_WQX-RS-09323	Nitrogen	Total	0.71	mg/l
2009-01-13	13:40:00	EDT	21SC60WQ_WQX-RS-09323	Fecal Coliform		3	#/100ml

2009-01-13	13:40:00	EDT	21SC60WQ_WQX-RS-09323	Inorganic ni	Total	0.22	mg/l
2009-01-13	13:40:00	EDT	21SC60WQ_WQX-RS-09323	Kjeldahl nitr	Total	0.49	mg/l
2009-01-13	13:40:00	EDT	21SC60WQ_WQX-RS-09323	Phosphorus	Total	0.072	mg/l
2009-01-13	13:40:00	EDT	21SC60WQ_WQX-RS-09323	Turbidity		6.0	NTU
2009-01-13	13:40:00	EDT	21SC60WQ_WQX-RS-09323	Dissolved oxygen (DO)		10.34	mg/l
2009-01-13	13:40:00	EDT	21SC60WQ_WQX-RS-09323	pH		6.48	None
2009-01-13	13:40:00	EDT	21SC60WQ_WQX-RS-09323	Temperature, water		11.0	deg C
2009-02-18	14:10:00	EDT	21SC60WQ_WQX-RS-09323	Alkalinity, to	Total	8.4	mg/l
2009-02-18	14:10:00	EDT	21SC60WQ_WQX-RS-09323	Ammonia	Total		
2009-02-18	14:10:00	EDT	21SC60WQ_WQX-RS-09323	Biochemical oxygen dem		3.7	mg/l
2009-02-18	14:10:00	EDT	21SC60WQ_WQX-RS-09323	Cadmium	Total		
2009-02-18	14:10:00	EDT	21SC60WQ_WQX-RS-09323	Calcium	Total	4.8	mg/l
2009-02-18	14:10:00	EDT	21SC60WQ_WQX-RS-09323	Chromium	Total		
2009-02-18	14:10:00	EDT	21SC60WQ_WQX-RS-09323	Copper	Total		
2009-02-18	14:10:00	EDT	21SC60WQ_WQX-RS-09323	Enterococcus		72.3	#/100ml
2009-02-18	14:10:00	EDT	21SC60WQ_WQX-RS-09323	Escherichia coli		517.2	#/100ml
2009-02-18	14:10:00	EDT	21SC60WQ_WQX-RS-09323	Fecal Coliform		170	#/100ml
2009-02-18	14:10:00	EDT	21SC60WQ_WQX-RS-09323	Hardness, C	Total	16	mg/l
2009-02-18	14:10:00	EDT	21SC60WQ_WQX-RS-09323	Inorganic ni	Total	0.27	mg/l
2009-02-18	14:10:00	EDT	21SC60WQ_WQX-RS-09323	Iron	Total	1.6	mg/l
2009-02-18	14:10:00	EDT	21SC60WQ_WQX-RS-09323	Kjeldahl nitr	Total	0.78	mg/l
2009-02-18	14:10:00	EDT	21SC60WQ_WQX-RS-09323	Lead	Total		
2009-02-18	14:10:00	EDT	21SC60WQ_WQX-RS-09323	Magnesium	Total	0.91	mg/l
2009-02-18	14:10:00	EDT	21SC60WQ_WQX-RS-09323	Manganese	Total	0.053	mg/l
2009-02-18	14:10:00	EDT	21SC60WQ_WQX-RS-09323	Mercury	Total		
2009-02-18	14:10:00	EDT	21SC60WQ_WQX-RS-09323	Nickel	Total		
2009-02-18	14:10:00	EDT	21SC60WQ_WQX-RS-09323	Organic carl	Total	6.3	mg/l
2009-02-18	14:10:00	EDT	21SC60WQ_WQX-RS-09323	Phosphorus	Total	0.10	mg/l
2009-02-18	14:10:00	EDT	21SC60WQ_WQX-RS-09323	Turbidity		20	NTU
2009-02-18	14:10:00	EDT	21SC60WQ_WQX-RS-09323	Zinc	Total	0.037	mg/l
2009-02-18	14:10:00	EDT	21SC60WQ_WQX-RS-09323	Nitrogen	Total	1.05	mg/l
2009-02-18	14:10:00	EDT	21SC60WQ_WQX-RS-09323	Depth		0.3	m
2009-02-18	14:10:00	EDT	21SC60WQ_WQX-RS-09323	Dissolved oxygen (DO)		9.03	mg/l
2009-02-18	14:10:00	EDT	21SC60WQ_WQX-RS-09323	pH		6.62	None
2009-02-18	14:10:00	EDT	21SC60WQ_WQX-RS-09323	Temperature, water		12.1	deg C
2009-03-17	14:15:00	EDT	21SC60WQ_WQX-RS-09323	Alkalinity, to	Total	8.4	mg/l
2009-03-17	14:15:00	EDT	21SC60WQ_WQX-RS-09323	Ammonia	Total	0.17	mg/l
2009-03-17	14:15:00	EDT	21SC60WQ_WQX-RS-09323	Biochemical oxygen demand, standard conditions			
2009-03-17	14:15:00	EDT	21SC60WQ_WQX-RS-09323	Enterococcus		13.5	#/100ml
2009-03-17	14:15:00	EDT	21SC60WQ_WQX-RS-09323	Escherichia coli		228.2	#/100ml
2009-03-17	14:15:00	EDT	21SC60WQ_WQX-RS-09323	Fecal Coliform		140	#/100ml
2009-03-17	14:15:00	EDT	21SC60WQ_WQX-RS-09323	Kjeldahl nitr	Total	0.44	mg/l
2009-03-17	14:15:00	EDT	21SC60WQ_WQX-RS-09323	Phosphorus	Total		
2009-03-17	14:15:00	EDT	21SC60WQ_WQX-RS-09323	Turbidity		8.6	NTU
2009-03-17	14:15:00	EDT	21SC60WQ_WQX-RS-09323	Depth		0.3	m
2009-03-17	14:15:00	EDT	21SC60WQ_WQX-RS-09323	Dissolved oxygen (DO)		8.92	mg/l
2009-03-17	14:15:00	EDT	21SC60WQ_WQX-RS-09323	pH		6.67	None
2009-03-17	14:15:00	EDT	21SC60WQ_WQX-RS-09323	Temperature, water		16.6	deg C
2009-04-07	08:55:00	EDT	21SC60WQ_WQX-RS-09323	Alkalinity, to	Total	9.8	mg/l
2009-04-07	08:55:00	EDT	21SC60WQ_WQX-RS-09323	Ammonia	Total	0.12	mg/l
2009-04-07	08:55:00	EDT	21SC60WQ_WQX-RS-09323	Biochemical oxygen dem		3.8	mg/l
2009-04-07	08:55:00	EDT	21SC60WQ_WQX-RS-09323	Enterococcus		275.5	#/100ml
2009-04-07	08:55:00	EDT	21SC60WQ_WQX-RS-09323	Escherichia coli		290.9	#/100ml
2009-04-07	08:55:00	EDT	21SC60WQ_WQX-RS-09323	Fecal Coliform		120	#/100ml

2009-04-07	08:55:00	EDT	21SC60WQ_WQX-RS-09323	Inorganic ni	Total	0.10	mg/l
2009-04-07	08:55:00	EDT	21SC60WQ_WQX-RS-09323	Kjeldahl nitr	Total	0.34	mg/l
2009-04-07	08:55:00	EDT	21SC60WQ_WQX-RS-09323	Phosphorus	Total	0.030	mg/l
2009-04-07	08:55:00	EDT	21SC60WQ_WQX-RS-09323	Turbidity		8.3	NTU
2009-04-07	08:55:00	EDT	21SC60WQ_WQX-RS-09323	Nitrogen	Total	0.44	mg/l
2009-04-07	08:55:00	EDT	21SC60WQ_WQX-RS-09323	Dissolved oxygen (DO)		8.75	mg/l
2009-04-07	08:55:00	EDT	21SC60WQ_WQX-RS-09323	pH		6.23	None
2009-04-07	08:55:00	EDT	21SC60WQ_WQX-RS-09323	Temperature, water		14.0	deg C
2009-05-19	13:25:00	EDT	21SC60WQ_WQX-RS-09323	Alkalinity, to	Total	9.9	mg/l
2009-05-19	13:25:00	EDT	21SC60WQ_WQX-RS-09323	Ammonia	Total	0.12	mg/l
2009-05-19	13:25:00	EDT	21SC60WQ_WQX-RS-09323	Biochemical oxygen dem		4.0	mg/l
2009-05-19	13:25:00	EDT	21SC60WQ_WQX-RS-09323	Cadmium	Total	0.00015	mg/l
2009-05-19	13:25:00	EDT	21SC60WQ_WQX-RS-09323	Calcium	Total	4.9	mg/l
2009-05-19	13:25:00	EDT	21SC60WQ_WQX-RS-09323	Chromium	Total		
2009-05-19	13:25:00	EDT	21SC60WQ_WQX-RS-09323	Copper	Total		
2009-05-19	13:25:00	EDT	21SC60WQ_WQX-RS-09323	Enterococcus			
2009-05-19	13:25:00	EDT	21SC60WQ_WQX-RS-09323	Escherichia coli		727	#/100ml
2009-05-19	13:25:00	EDT	21SC60WQ_WQX-RS-09323	Fecal Coliform		610	#/100ml
2009-05-19	13:25:00	EDT	21SC60WQ_WQX-RS-09323	Hardness, C	Total	16	mg/l
2009-05-19	13:25:00	EDT	21SC60WQ_WQX-RS-09323	Inorganic ni	Total	0.12	mg/l
2009-05-19	13:25:00	EDT	21SC60WQ_WQX-RS-09323	Iron	Total	1.2	mg/l
2009-05-19	13:25:00	EDT	21SC60WQ_WQX-RS-09323	Kjeldahl nitr	Total	0.97	mg/l
2009-05-19	13:25:00	EDT	21SC60WQ_WQX-RS-09323	Lead	Total		
2009-05-19	13:25:00	EDT	21SC60WQ_WQX-RS-09323	Magnesium	Total	0.90	mg/l
2009-05-19	13:25:00	EDT	21SC60WQ_WQX-RS-09323	Manganese	Total	0.039	mg/l
2009-05-19	13:25:00	EDT	21SC60WQ_WQX-RS-09323	Mercury	Total		
2009-05-19	13:25:00	EDT	21SC60WQ_WQX-RS-09323	Nickel	Total		
2009-05-19	13:25:00	EDT	21SC60WQ_WQX-RS-09323	Organic carl	Total	7.2	mg/l
2009-05-19	13:25:00	EDT	21SC60WQ_WQX-RS-09323	Phosphorus	Total	0.029	mg/l
2009-05-19	13:25:00	EDT	21SC60WQ_WQX-RS-09323	Turbidity		8.1	NTU
2009-05-19	13:25:00	EDT	21SC60WQ_WQX-RS-09323	Zinc	Total	0.016	mg/l
2009-05-19	13:25:00	EDT	21SC60WQ_WQX-RS-09323	Nitrogen	Total	1.09	mg/l
2009-05-19	13:25:00	EDT	21SC60WQ_WQX-RS-09323	Dissolved oxygen (DO)		7.92	mg/l
2009-05-19	13:25:00	EDT	21SC60WQ_WQX-RS-09323	pH		6.67	None
2009-05-19	13:25:00	EDT	21SC60WQ_WQX-RS-09323	Temperature, water		19.9	deg C
2009-06-23	13:55:00	EDT	21SC60WQ_WQX-RS-09323	Alkalinity, to	Total	15	mg/l
2009-06-23	13:55:00	EDT	21SC60WQ_WQX-RS-09323	Ammonia	Total	0.13	mg/l
2009-06-23	13:55:00	EDT	21SC60WQ_WQX-RS-09323	Biochemical oxygen demand, standard conditions			
2009-06-23	13:55:00	EDT	21SC60WQ_WQX-RS-09323	Enterococcus		461.1	#/100ml
2009-06-23	13:55:00	EDT	21SC60WQ_WQX-RS-09323	Escherichia coli		396.0	#/100ml
2009-06-23	13:55:00	EDT	21SC60WQ_WQX-RS-09323	Fecal Coliform		430	#/100ml
2009-06-23	13:55:00	EDT	21SC60WQ_WQX-RS-09323	Inorganic ni	Total	0.63	mg/l
2009-06-23	13:55:00	EDT	21SC60WQ_WQX-RS-09323	Kjeldahl nitr	Total	0.23	mg/l
2009-06-23	13:55:00	EDT	21SC60WQ_WQX-RS-09323	Phosphorus	Total		
2009-06-23	13:55:00	EDT	21SC60WQ_WQX-RS-09323	Turbidity		6.2	NTU
2009-06-23	13:55:00	EDT	21SC60WQ_WQX-RS-09323	Nitrogen	Total	0.86	mg/l
2009-06-23	13:55:00	EDT	21SC60WQ_WQX-RS-09323	Depth		0.3	m
2009-06-23	13:55:00	EDT	21SC60WQ_WQX-RS-09323	Dissolved oxygen (DO)		6.10	mg/l
2009-06-23	13:55:00	EDT	21SC60WQ_WQX-RS-09323	pH		6.81	None
2009-06-23	13:55:00	EDT	21SC60WQ_WQX-RS-09323	Temperature, water		25.5	deg C
2009-07-29	13:00:00	EDT	21SC60WQ_WQX-RS-09323	Alkalinity, to	Total	15	mg/l
2009-07-29	13:00:00	EDT	21SC60WQ_WQX-RS-09323	Ammonia	Total	0.19	mg/l
2009-07-29	13:00:00	EDT	21SC60WQ_WQX-RS-09323	Biochemical oxygen demand, standard conditions			
2009-07-29	13:00:00	EDT	21SC60WQ_WQX-RS-09323	Enterococcus		816.4	#/100ml

2009-07-29	13:00:00	EDT	21SC60WQ_WQX-RS-09323	Escherichia coli		663.2	#/100ml
2009-07-29	13:00:00	EDT	21SC60WQ_WQX-RS-09323	Fecal Coliform		3900	#/100ml
2009-07-29	13:00:00	EDT	21SC60WQ_WQX-RS-09323	Inorganic ni	Total	0.32	mg/l
2009-07-29	13:00:00	EDT	21SC60WQ_WQX-RS-09323	Kjeldahl nitr	Total	0.47	mg/l
2009-07-29	13:00:00	EDT	21SC60WQ_WQX-RS-09323	Phosphorus	Total	0.033	mg/l
2009-07-29	13:00:00	EDT	21SC60WQ_WQX-RS-09323	Turbidity		8.1	NTU
2009-07-29	13:00:00	EDT	21SC60WQ_WQX-RS-09323	Nitrogen	Total	0.79	mg/l
2009-07-29	13:00:00	EDT	21SC60WQ_WQX-RS-09323	Depth		0.3	m
2009-07-29	13:00:00	EDT	21SC60WQ_WQX-RS-09323	Dissolved oxygen (DO)		6.34	mg/l
2009-07-29	13:00:00	EDT	21SC60WQ_WQX-RS-09323	pH		6.60	None
2009-07-29	13:00:00	EDT	21SC60WQ_WQX-RS-09323	Temperature, water		25.7	deg C
2009-08-19	12:25:00	EDT	21SC60WQ_WQX-RS-09323	Alkalinity, to	Total	14	mg/l
2009-08-19	12:25:00	EDT	21SC60WQ_WQX-RS-09323	Ammonia	Total	0.22	mg/l
2009-08-19	12:25:00	EDT	21SC60WQ_WQX-RS-09323	Biochemical oxygen dem		2.3	mg/l
2009-08-19	12:25:00	EDT	21SC60WQ_WQX-RS-09323	Cadmium	Total	0.00030	mg/l
2009-08-19	12:25:00	EDT	21SC60WQ_WQX-RS-09323	Calcium	Total	5.9	mg/l
2009-08-19	12:25:00	EDT	21SC60WQ_WQX-RS-09323	Chromium	Total		
2009-08-19	12:25:00	EDT	21SC60WQ_WQX-RS-09323	Copper	Total		
2009-08-19	12:25:00	EDT	21SC60WQ_WQX-RS-09323	Enterococcus		613.1	#/100ml
2009-08-19	12:25:00	EDT	21SC60WQ_WQX-RS-09323	Escherichia coli		474.8	#/100ml
2009-08-19	12:25:00	EDT	21SC60WQ_WQX-RS-09323	Fecal Coliform		2000	#/100ml
2009-08-19	12:25:00	EDT	21SC60WQ_WQX-RS-09323	Hardness, C	Total	19	mg/l
2009-08-19	12:25:00	EDT	21SC60WQ_WQX-RS-09323	Inorganic ni	Total	0.50	mg/l
2009-08-19	12:25:00	EDT	21SC60WQ_WQX-RS-09323	Iron	Total	1.3	mg/l
2009-08-19	12:25:00	EDT	21SC60WQ_WQX-RS-09323	Kjeldahl nitr	Total	0.33	mg/l
2009-08-19	12:25:00	EDT	21SC60WQ_WQX-RS-09323	Lead	Total	0.0020	mg/l
2009-08-19	12:25:00	EDT	21SC60WQ_WQX-RS-09323	Magnesium	Total	0.97	mg/l
2009-08-19	12:25:00	EDT	21SC60WQ_WQX-RS-09323	Manganese	Total	0.034	mg/l
2009-08-19	12:25:00	EDT	21SC60WQ_WQX-RS-09323	Mercury	Total		
2009-08-19	12:25:00	EDT	21SC60WQ_WQX-RS-09323	Nickel	Total		
2009-08-19	12:25:00	EDT	21SC60WQ_WQX-RS-09323	Organic carl	Total	5.7	mg/l
2009-08-19	12:25:00	EDT	21SC60WQ_WQX-RS-09323	Phosphorus	Total	0.039	mg/l
2009-08-19	12:25:00	EDT	21SC60WQ_WQX-RS-09323	Turbidity		6.2	NTU
2009-08-19	12:25:00	EDT	21SC60WQ_WQX-RS-09323	Zinc	Total	0.025	mg/l
2009-08-19	12:25:00	EDT	21SC60WQ_WQX-RS-09323	Nitrogen	Total	0.83	mg/l
2009-08-19	12:25:00	EDT	21SC60WQ_WQX-RS-09323	Dissolved oxygen (DO)		5.94	mg/l
2009-08-19	12:25:00	EDT	21SC60WQ_WQX-RS-09323	pH		6.59	None
2009-08-19	12:25:00	EDT	21SC60WQ_WQX-RS-09323	Temperature, water		26.1	deg C
2009-09-22	13:50:00	EDT	21SC60WQ_WQX-RS-09323	Alkalinity, to	Total	16	mg/l
2009-09-22	13:50:00	EDT	21SC60WQ_WQX-RS-09323	Ammonia	Total	0.13	mg/l
2009-09-22	13:50:00	EDT	21SC60WQ_WQX-RS-09323	Biochemical oxygen demand, standard conditions			
2009-09-22	13:50:00	EDT	21SC60WQ_WQX-RS-09323	Enterococcus		686.7	#/100ml
2009-09-22	13:50:00	EDT	21SC60WQ_WQX-RS-09323	Escherichia coli		943.6	#/100ml
2009-09-22	13:50:00	EDT	21SC60WQ_WQX-RS-09323	Fecal Coliform		2200	#/100ml
2009-09-22	13:50:00	EDT	21SC60WQ_WQX-RS-09323	Inorganic ni	Total	0.58	mg/l
2009-09-22	13:50:00	EDT	21SC60WQ_WQX-RS-09323	Kjeldahl nitr	Total	0.25	mg/l
2009-09-22	13:50:00	EDT	21SC60WQ_WQX-RS-09323	Phosphorus	Total	0.039	mg/l
2009-09-22	13:50:00	EDT	21SC60WQ_WQX-RS-09323	Turbidity		5.0	NTU
2009-09-22	13:50:00	EDT	21SC60WQ_WQX-RS-09323	Nitrogen	Total	0.83	mg/l
2009-09-22	13:50:00	EDT	21SC60WQ_WQX-RS-09323	Depth		0.3	m
2009-09-22	13:50:00	EDT	21SC60WQ_WQX-RS-09323	Dissolved oxygen (DO)		7.07	mg/l
2009-09-22	13:50:00	EDT	21SC60WQ_WQX-RS-09323	pH		6.22	None
2009-09-22	13:50:00	EDT	21SC60WQ_WQX-RS-09323	Temperature, water		24.3	deg C
2009-12-15	13:20:00	EDT	21SC60WQ_WQX-RS-09323	Alkalinity, to	Total	8.7	mg/l

2009-12-15	13:20:00	EDT	21SC60WQ_WQX-RS-09323	Ammonia	Total	0.16	mg/l
2009-12-15	13:20:00	EDT	21SC60WQ_WQX-RS-09323	Biochemical oxygen demand, standard conditions			
2009-12-15	13:20:00	EDT	21SC60WQ_WQX-RS-09323	Cadmium	Total		
2009-12-15	13:20:00	EDT	21SC60WQ_WQX-RS-09323	Calcium	Total	3.6	mg/l
2009-12-15	13:20:00	EDT	21SC60WQ_WQX-RS-09323	Chromium	Total		
2009-12-15	13:20:00	EDT	21SC60WQ_WQX-RS-09323	Copper	Total		
2009-12-15	13:20:00	EDT	21SC60WQ_WQX-RS-09323	Enterococcus		55.4	#/100ml
2009-12-15	13:20:00	EDT	21SC60WQ_WQX-RS-09323	Escherichia coli		295.2	#/100ml
2009-12-15	13:20:00	EDT	21SC60WQ_WQX-RS-09323	Fecal Coliform		180	#/100ml
2009-12-15	13:20:00	EDT	21SC60WQ_WQX-RS-09323	Hardness, C	Total	13	mg/l
2009-12-15	13:20:00	EDT	21SC60WQ_WQX-RS-09323	Inorganic ni	Total	0.23	mg/l
2009-12-15	13:20:00	EDT	21SC60WQ_WQX-RS-09323	Iron	Total	0.80	mg/l
2009-12-15	13:20:00	EDT	21SC60WQ_WQX-RS-09323	Kjeldahl nitr	Total	0.34	mg/l
2009-12-15	13:20:00	EDT	21SC60WQ_WQX-RS-09323	Lead	Total	0.0027	mg/l
2009-12-15	13:20:00	EDT	21SC60WQ_WQX-RS-09323	Magnesium	Total	0.88	mg/l
2009-12-15	13:20:00	EDT	21SC60WQ_WQX-RS-09323	Manganese	Total	0.033	mg/l
2009-12-15	13:20:00	EDT	21SC60WQ_WQX-RS-09323	Mercury	Total		
2009-12-15	13:20:00	EDT	21SC60WQ_WQX-RS-09323	Nickel	Total		
2009-12-15	13:20:00	EDT	21SC60WQ_WQX-RS-09323	Phosphorus	Total	0.036	mg/l
2009-12-15	13:20:00	EDT	21SC60WQ_WQX-RS-09323	Turbidity		16	NTU
2009-12-15	13:20:00	EDT	21SC60WQ_WQX-RS-09323	Zinc	Total	0.019	mg/l
2009-12-15	13:20:00	EDT	21SC60WQ_WQX-RS-09323	Nitrogen	Total	0.57	mg/l
2009-12-15	13:20:00	EDT	21SC60WQ_WQX-RS-09323	Dissolved oxygen (DO)		10.00	mg/l
2009-12-15	13:20:00	EDT	21SC60WQ_WQX-RS-09323	pH		6.30	None
2009-12-15	13:20:00	EDT	21SC60WQ_WQX-RS-09323	Temperature, water		13.3	deg C

2004-09-15	09:45:00	EST	21SC60WQ_WQX-S-960	Copper	Total		
2004-09-15	09:45:00	EST	21SC60WQ_WQX-S-960	Escherichia	Total	160	#/100ml
2004-10-20	10:30:00	EST	21SC60WQ_WQX-S-960	Copper	Total		
2004-10-20	10:30:00	EST	21SC60WQ_WQX-S-960	Escherichia	Total	1000	#/100ml
2004-10-20	10:30:00	EST	21SC60WQ_WQX-S-960	Temperature, water		20.5	deg C
2004-11-23	10:48:00	EST	21SC60WQ_WQX-S-960	Copper	Total		
2004-11-23	10:48:00	EST	21SC60WQ_WQX-S-960	Escherichia	Total		
2004-12-16	12:40:00	EST	21SC60WQ_WQX-S-960	Copper	Total		
2004-12-16	12:40:00	EST	21SC60WQ_WQX-S-960	Escherichia	Total	220	#/100ml
2005-01-20	11:10:00	EST	21SC60WQ_WQX-S-960	Copper	Total		
2005-01-20	11:10:00	EST	21SC60WQ_WQX-S-960	Escherichia	Total	280	#/100ml
2005-02-16	10:45:00	EST	21SC60WQ_WQX-S-960	Copper	Total		
2005-02-16	10:45:00	EST	21SC60WQ_WQX-S-960	Escherichia	Total	140	#/100ml
2006-06-08	13:50:00	EST	21SC60WQ_WQX-S-960	Fecal Colifoı	Total	110	#/100ml
2006-07-06	13:05:00	EST	21SC60WQ_WQX-S-960	Fecal Colifoı	Total	81	#/100ml
2006-08-23	11:45:00	EST	21SC60WQ_WQX-S-960	Fecal Colifoı	Total	900	#/100ml
2006-09-07	10:45:00	EST	21SC60WQ_WQX-S-960	Fecal Colifoı	Total	370	#/100ml
2006-11-02	13:20:00	EST	21SC60WQ_WQX-S-960	Fecal Colifoı	Total	100	#/100ml
2006-12-12	12:00:00	EST	21SC60WQ_WQX-S-960	Fecal Colifoı	Total	90	#/100ml
2007-01-04	10:50:00	EST	21SC60WQ_WQX-S-960	Fecal Colifoı	Total	400	#/100ml
2007-02-14	13:10:00	EST	21SC60WQ_WQX-S-960	Fecal Colifoı	Total	540	#/100ml
2007-04-17	09:45:00	EST	21SC60WQ_WQX-S-960	Fecal Colifoı	Total	490	#/100ml

Richland County Monitoring Data

Biochemical Oxygen Demand, 5-Day (BOD5)	2	mg/l	GIL-TMDL-3	3/2/2007
Cadmium (Cd)	0	mg/l	GIL-TMDL-3	3/2/2007
Chemical Oxygen Demand (COD)	140	mg/l	GIL-TMDL-3	3/2/2007
Copper (Cu)	0	mg/l	GIL-TMDL-3	3/2/2007
Dissolved Phosphorus (SP)	0.06	mg/l	GIL-TMDL-3	3/2/2007
Fecal Coliform	2567	#/100ml	GIL-TMDL-3	3/2/2007
Inorganic Nitrogen (Na+Ni)	0.2	mg/l	GIL-TMDL-3	3/2/2007
Lead (Pb)	0.0063	mg/l	GIL-TMDL-3	3/2/2007
Oil and Grease (HEM)	0	mg/l	GIL-TMDL-3	3/2/2007
Total Dissolved Solids (TDS)	39	mg/l	GIL-TMDL-3	3/2/2007
Total Kjeldahl Nitrogen (TKN)	1	mg/l	GIL-TMDL-3	3/2/2007
Total Phosphorus (TP)	0.13	mg/l	GIL-TMDL-3	3/2/2007
Total Suspended Solids (TSS)	93	mg/l	GIL-TMDL-3	3/2/2007
Zinc (Zn)	0.094	mg/l	GIL-TMDL-3	3/2/2007
Biochemical Oxygen Demand, 5-Day (BOD5)	18	mg/l	GIL-TMDL-3	4/11/2007
Cadmium (Cd)	0	mg/l	GIL-TMDL-3	4/11/2007
Chemical Oxygen Demand (COD)	0	mg/l	GIL-TMDL-3	4/11/2007
Copper (Cu)	0	mg/l	GIL-TMDL-3	4/11/2007
Dissolved Phosphorus (SP)	0.08	mg/l	GIL-TMDL-3	4/11/2007
Fecal Coliform	3700	#/100ml	GIL-TMDL-3	4/11/2007
Inorganic Nitrogen (Na+Ni)	0.58	mg/l	GIL-TMDL-3	4/11/2007
Lead (Pb)	0.003	mg/l	GIL-TMDL-3	4/11/2007
Oil and Grease (HEM)	0	mg/l	GIL-TMDL-3	4/11/2007
Total Dissolved Solids (TDS)	60	mg/l	GIL-TMDL-3	4/11/2007
Total Kjeldahl Nitrogen (TKN)	2.4	mg/l	GIL-TMDL-3	4/11/2007
Total Phosphorus (TP)	0.27	mg/l	GIL-TMDL-3	4/11/2007
Total Suspended Solids (TSS)	183	mg/l	GIL-TMDL-3	4/11/2007
Zinc (Zn)	0.132	mg/l	GIL-TMDL-3	4/11/2007
Biochemical Oxygen Demand, 5-Day (BOD5)	10	mg/l	GIL-TMDL-3	6/2/2007
Cadmium (Cd)	0	mg/l	GIL-TMDL-3	6/2/2007
Chemical Oxygen Demand (COD)	96	mg/l	GIL-TMDL-3	6/2/2007
Copper (Cu)	0.025	mg/l	GIL-TMDL-3	6/2/2007
Dissolved Phosphorus (SP)	0.28	mg/l	GIL-TMDL-3	6/2/2007
Fecal Coliform	20	#/100ml	GIL-TMDL-3	6/2/2007
Inorganic Nitrogen (Na+Ni)	0.4	mg/l	GIL-TMDL-3	6/2/2007
Lead (Pb)	0	mg/l	GIL-TMDL-3	6/2/2007
Oil and Grease (HEM)	0	mg/l	GIL-TMDL-3	6/2/2007
Total Dissolved Solids (TDS)	64	mg/l	GIL-TMDL-3	6/2/2007
Total Kjeldahl Nitrogen (TKN)	2.2	mg/l	GIL-TMDL-3	6/2/2007
Total Phosphorus (TP)	0.77	mg/l	GIL-TMDL-3	6/2/2007
Total Suspended Solids (TSS)	83	mg/l	GIL-TMDL-3	6/2/2007
Zinc (Zn)	0.122	mg/l	GIL-TMDL-3	6/2/2007
Biochemical Oxygen Demand, 5-Day (BOD5)	2	mg/l	GIL-TMDL-3	5/11/2008
Cadmium (Cd)	0	mg/l	GIL-TMDL-3	5/11/2008
Chemical Oxygen Demand (COD)	0	mg/l	GIL-TMDL-3	5/11/2008

Copper (Cu)	0.015	mg/l	GIL-TMDL-3	5/11/2008
Dissolved Phosphorus (SP)	0.19	mg/l	GIL-TMDL-3	5/11/2008
Fecal Coliform	4667	#/100ml	GIL-TMDL-3	5/11/2008
Inorganic Nitrogen (Na+Ni)	0.3	mg/l	GIL-TMDL-3	5/11/2008
Lead (Pb)	0.004	mg/l	GIL-TMDL-3	5/11/2008
Oil and Grease (HEM)	0	mg/l	GIL-TMDL-3	5/11/2008
Total Dissolved Solids (TDS)	51	mg/l	GIL-TMDL-3	5/11/2008
Total Kjeldahl Nitrogen (TKN)	0.8	mg/l	GIL-TMDL-3	5/11/2008
Total Phosphorus (TP)	0.09	mg/l	GIL-TMDL-3	5/11/2008
Total Suspended Solids (TSS)	43	mg/l	GIL-TMDL-3	5/11/2008
Zinc (Zn)	0.08	mg/l	GIL-TMDL-3	5/11/2008
Biochemical Oxygen Demand, 5-Day (BOD5)	3	mg/l	GIL-TMDL-3	2/28/2009
Cadmium (Cd)	0.004	mg/l	GIL-TMDL-3	2/28/2009
Chemical Oxygen Demand (COD)	192	mg/l	GIL-TMDL-3	2/28/2009
Copper (Cu)	0.006	mg/l	GIL-TMDL-3	2/28/2009
Dissolved Phosphorus (SP)	0	mg/l	GIL-TMDL-3	2/28/2009
Fecal Coliform	600	#/100ml	GIL-TMDL-3	2/28/2009
Inorganic Nitrogen (Na+Ni)	0.14	mg/l	GIL-TMDL-3	2/28/2009
Lead (Pb)	0.017	mg/l	GIL-TMDL-3	2/28/2009
Oil and Grease (HEM)	0	mg/l	GIL-TMDL-3	2/28/2009
Total Dissolved Solids (TDS)	13	mg/l	GIL-TMDL-3	2/28/2009
Total Kjeldahl Nitrogen (TKN)	0	mg/l	GIL-TMDL-3	2/28/2009
Total Phosphorus (TP)	0.06	mg/l	GIL-TMDL-3	2/28/2009
Total Suspended Solids (TSS)	220	mg/l	GIL-TMDL-3	2/28/2009
Zinc (Zn)	0.077	mg/l	GIL-TMDL-3	2/28/2009
Biochemical Oxygen Demand, 5-Day (BOD5)	0	mg/l	GIL-TMDL-3	11/11/2009
Cadmium (Cd)	0	mg/l	GIL-TMDL-3	11/11/2009
Chemical Oxygen Demand (COD)	0	mg/l	GIL-TMDL-3	11/11/2009
Copper (Cu)	0	mg/l	GIL-TMDL-3	11/11/2009
Dissolved Phosphorus (SP)	0	mg/l	GIL-TMDL-3	11/11/2009
Fecal Coliform	0	#/100ml	GIL-TMDL-3	11/11/2009
Inorganic Nitrogen (Na+Ni)	0.097	mg/l	GIL-TMDL-3	11/11/2009
Lead (Pb)	0.0024	mg/l	GIL-TMDL-3	11/11/2009
Oil and Grease (HEM)	0	mg/l	GIL-TMDL-3	11/11/2009
Total Dissolved Solids (TDS)	35	mg/l	GIL-TMDL-3	11/11/2009
Total Kjeldahl Nitrogen (TKN)	0	mg/l	GIL-TMDL-3	11/11/2009
Total Phosphorus (TP)	0.081	mg/l	GIL-TMDL-3	11/11/2009
Total Suspended Solids (TSS)	51	mg/l	GIL-TMDL-3	11/11/2009
Zinc (Zn)	0.0304	mg/l	GIL-TMDL-3	11/11/2009
Biochemical Oxygen Demand, 5-Day (BOD5)	23	mg/l	GIL-TMDL-3	10/25/2010
Cadmium (Cd)	0.000452	mg/l	GIL-TMDL-3	10/25/2010
Chemical Oxygen Demand (COD)	22	mg/l	GIL-TMDL-3	10/25/2010
Copper (Cu)	0.0146	mg/l	GIL-TMDL-3	10/25/2010
Dissolved Phosphorus (SP)	0	mg/l	GIL-TMDL-3	10/25/2010
Fecal Coliform	6000	#/100ml	GIL-TMDL-3	10/25/2010
Inorganic Nitrogen (Na+Ni)	0.192	mg/l	GIL-TMDL-3	10/25/2010
Lead (Pb)	0.0156	mg/l	GIL-TMDL-3	10/25/2010

Oil and Grease (HEM)	0	mg/l	GIL-TMDL-3	10/25/2010
Total Dissolved Solids (TDS)	70	mg/l	GIL-TMDL-3	10/25/2010
Total Kjeldahl Nitrogen (TKN)	1.26	mg/l	GIL-TMDL-3	10/25/2010
Total Phosphorus (TP)	0.341	mg/l	GIL-TMDL-3	10/25/2010
Total Suspended Solids (TSS)	100	mg/l	GIL-TMDL-3	10/25/2010
Zinc (Zn)	0.0337	mg/l	GIL-TMDL-3	10/25/2010
Biochemical Oxygen Demand, 5-Day (BOD5)	3.5	mg/l	GIL-TMDL-3	2/2/2011
Cadmium (Cd)	0	mg/l	GIL-TMDL-3	2/2/2011
Chemical Oxygen Demand (COD)	24	mg/l	GIL-TMDL-3	2/2/2011
Copper (Cu)	0.012	mg/l	GIL-TMDL-3	2/2/2011
Dissolved Phosphorus (SP)	0.071	mg/l	GIL-TMDL-3	2/2/2011
Fecal Coliform	2400	#/100ml	GIL-TMDL-3	2/2/2011
Inorganic Nitrogen (Na+Ni)	0.47	mg/l	GIL-TMDL-3	2/2/2011
Lead (Pb)	0.0073	mg/l	GIL-TMDL-3	2/2/2011
Oil and Grease (HEM)	0	mg/l	GIL-TMDL-3	2/2/2011
Total Dissolved Solids (TDS)	36	mg/l	GIL-TMDL-3	2/2/2011
Total Kjeldahl Nitrogen (TKN)	0.6	mg/l	GIL-TMDL-3	2/2/2011
Total Phosphorus (TP)	0.071	mg/l	GIL-TMDL-3	2/2/2011
Total Suspended Solids (TSS)	47	mg/l	GIL-TMDL-3	2/2/2011
Zinc (Zn)	0.054	mg/l	GIL-TMDL-3	2/2/2011
Biochemical Oxygen Demand, 5-Day (BOD5)	3.2	mg/l	GIL-TMDL-3	2/24/2012
Cadmium (Cd)	0.0002	mg/l	GIL-TMDL-3	2/24/2012
Chemical Oxygen Demand (COD)	57	mg/l	GIL-TMDL-3	2/24/2012
Copper (Cu)	0.01	mg/l	GIL-TMDL-3	2/24/2012
Dissolved Phosphorus (SP)		mg/l	GIL-TMDL-3	2/24/2012
Fecal Coliform	43	#/100ml	GIL-TMDL-3	2/24/2012
Inorganic Nitrogen (Na+Ni)	0	mg/l	GIL-TMDL-3	2/24/2012
Lead (Pb)	0.021	mg/l	GIL-TMDL-3	2/24/2012
Oil and Grease (HEM)	0	mg/l	GIL-TMDL-3	2/24/2012
Total Dissolved Solids (TDS)	26	mg/l	GIL-TMDL-3	2/24/2012
Total Kjeldahl Nitrogen (TKN)	1.1	mg/l	GIL-TMDL-3	2/24/2012
Total Phosphorus (TP)	0.26	mg/l	GIL-TMDL-3	2/24/2012
Total Suspended Solids (TSS)	170	mg/l	GIL-TMDL-3	2/24/2012
Zinc (Zn)	0.053	mg/l	GIL-TMDL-3	2/24/2012
Biochemical Oxygen Demand, 5-Day (BOD5)	4.5	mg/l	GIL-TMDL-3	1/31/2013
Cadmium (Cd)	0.00014	mg/l	GIL-TMDL-3	1/31/2013
Chemical Oxygen Demand (COD)	68	mg/l	GIL-TMDL-3	1/31/2013
Copper (Cu)	0.025	mg/l	GIL-TMDL-3	1/31/2013
Dissolved Phosphorus (SP)		mg/l	GIL-TMDL-3	1/31/2013
Fecal Coliform	1414	#/100ml	GIL-TMDL-3	1/31/2013
Inorganic Nitrogen (Na+Ni)	0.14	mg/l	GIL-TMDL-3	1/31/2013
Lead (Pb)	0.01	mg/l	GIL-TMDL-3	1/31/2013
Oil and Grease (HEM)	0	mg/l	GIL-TMDL-3	1/31/2013
Total Dissolved Solids (TDS)	41	mg/l	GIL-TMDL-3	1/31/2013
Total Kjeldahl Nitrogen (TKN)	0.48	mg/l	GIL-TMDL-3	1/31/2013
Total Phosphorus (TP)	0.12	mg/l	GIL-TMDL-3	1/31/2013
Total Suspended Solids (TSS)	78	mg/l	GIL-TMDL-3	1/31/2013

Zinc (Zn)	0.093	mg/l	GIL-TMDL-3	1/31/2013
Biochemical Oxygen Demand, 5-Day (BOD5)	0	mg/l	GIL-TMDL-3	3/7/2014
Cadmium (Cd)	0	mg/l	GIL-TMDL-3	3/7/2014
Chemical Oxygen Demand (COD)	29	mg/l	GIL-TMDL-3	3/7/2014
Copper (Cu)	0.0036	mg/l	GIL-TMDL-3	3/7/2014
Fecal Coliform	2850	#/100ml	GIL-TMDL-3	3/7/2014
Inorganic Nitrogen (Na+Ni)	0.065	mg/l	GIL-TMDL-3	3/7/2014
Lead (Pb)	0.0038	mg/l	GIL-TMDL-3	3/7/2014
Oil and Grease (HEM)	0	mg/l	GIL-TMDL-3	3/7/2014
Total Dissolved Solids (TDS)	27	mg/l	GIL-TMDL-3	3/7/2014
Total Kjeldahl Nitrogen (TKN)	0.39	mg/l	GIL-TMDL-3	3/7/2014
Total Phosphorus (TP)	0.035	mg/l	GIL-TMDL-3	3/7/2014
Total Suspended Solids (TSS)	24	mg/l	GIL-TMDL-3	3/7/2014
Zinc (Zn)	0.023	mg/l	GIL-TMDL-3	3/7/2014
Biochemical Oxygen Demand, 5-Day (BOD5)	2	mg/l	GIL-TMDL-3	11/17/2014
Cadmium (Cd)	0.00015	mg/l	GIL-TMDL-3	11/17/2014
Chemical Oxygen Demand (COD)	18	mg/l	GIL-TMDL-3	11/17/2014
Copper (Cu)	0.0041	mg/l	GIL-TMDL-3	11/17/2014
Fecal Coliform	210	#/100ml	GIL-TMDL-3	11/17/2014
Inorganic Nitrogen (Na+Ni)	0.42	mg/l	GIL-TMDL-3	11/17/2014
Lead (Pb)	0	mg/l	GIL-TMDL-3	11/17/2014
Oil and Grease (HEM)	0	mg/l	GIL-TMDL-3	11/17/2014
Total Dissolved Solids (TDS)	14	mg/l	GIL-TMDL-3	11/17/2014
Total Kjeldahl Nitrogen (TKN)	0.23	mg/l	GIL-TMDL-3	11/17/2014
Total Phosphorus (TP)	0.011	mg/l	GIL-TMDL-3	11/17/2014
Total Suspended Solids (TSS)	2.4	mg/l	GIL-TMDL-3	11/17/2014
Zinc (Zn)	0.014	mg/l	GIL-TMDL-3	11/17/2014
Biochemical Oxygen Demand, 5-Day (BOD5)	5.4	mg/l	GIL-TMDL-3	9/22/2015
Cadmium (Cd)	0	mg/l	GIL-TMDL-3	9/22/2015
Chemical Oxygen Demand (COD)	33	mg/l	GIL-TMDL-3	9/22/2015
Copper (Cu)	0.0047	mg/l	GIL-TMDL-3	9/22/2015
Fecal Coliform	6000	#/100ml	GIL-TMDL-3	9/22/2015
Inorganic Nitrogen (Na+Ni)	0.32	mg/l	GIL-TMDL-3	9/22/2015
Lead (Pb)	0.003	mg/l	GIL-TMDL-3	9/22/2015
Oil and Grease (HEM)	0	mg/l	GIL-TMDL-3	9/22/2015
Total Dissolved Solids (TDS)	36	mg/l	GIL-TMDL-3	9/22/2015
Total Kjeldahl Nitrogen (TKN)	0.48	mg/l	GIL-TMDL-3	9/22/2015
Total Phosphorus (TP)	0.11	mg/l	GIL-TMDL-3	9/22/2015
Total Suspended Solids (TSS)	27	mg/l	GIL-TMDL-3	9/22/2015
Zinc (Zn)	0.025	mg/l	GIL-TMDL-3	9/22/2015
Biochemical Oxygen Demand, 5-Day (BOD5)	4.4	mg/l	GIL-TMDL-3	12/21/2017
Chemical Oxygen Demand (COD)	23	mg/l	GIL-TMDL-3	12/21/2017
Copper (Cu)	0.0066	mg/l	GIL-TMDL-3	12/21/2017
Dissolved Phosphorus (SP)	0	mg/l	GIL-TMDL-3	12/21/2017
E Coli	17329	MPN/100 mL	GIL-TMDL-3	12/21/2017
Lead (Pb)	0.003	mg/l	GIL-TMDL-3	12/21/2017
Oil and Grease (HEM)	0	mg/l	GIL-TMDL-3	12/21/2017

Total Dissolved Solids (TDS)	0	mg/l	GIL-TMDL-3	12/21/2017
Total Kjeldahl Nitrogen (TKN)	0.55	mg/l	GIL-TMDL-3	12/21/2017
Total Phosphorus (TP)	0.048	mg/l	GIL-TMDL-3	12/21/2017
Total Suspended Solids (TSS)	30	mg/l	GIL-TMDL-3	12/21/2017
Zinc (Zn)	0.033	mg/l	GIL-TMDL-3	12/21/2017
Biochemical Oxygen Demand, 5-Day (BOD5)	4.7	mg/l	GIL-TMDL-3	3/20/2018
Chemical Oxygen Demand (COD)	34	mg/l	GIL-TMDL-3	3/20/2018
Copper (Cu)	0.0067	mg/l	GIL-TMDL-3	3/20/2018
Dissolved Phosphorus (SP)	0.013	mg/l	GIL-TMDL-3	3/20/2018
E Coli	15531	MPN/100 mL	GIL-TMDL-3	3/20/2018
Lead (Pb)	0.0058	mg/l	GIL-TMDL-3	3/20/2018
Oil and Grease (HEM)	0	mg/l	GIL-TMDL-3	3/20/2018
Total Dissolved Solids (TDS)	52	mg/l	GIL-TMDL-3	3/20/2018
Total Kjeldahl Nitrogen (TKN)	0.77	mg/l	GIL-TMDL-3	3/20/2018
Total Phosphorus (TP)	0.063	mg/l	GIL-TMDL-3	3/20/2018
Total Suspended Solids (TSS)	77	mg/l	GIL-TMDL-3	3/20/2018
Zinc (Zn)	0.032	mg/l	GIL-TMDL-3	3/20/2018
Biochemical Oxygen Demand, 5-Day (BOD5)	4.5	mg/l	GIL-TMDL-3	4/16/2018
Chemical Oxygen Demand (COD)	35	mg/l	GIL-TMDL-3	4/16/2018
Copper (Cu)	0.0073	mg/l	GIL-TMDL-3	4/16/2018
Dissolved Phosphorus (SP)	0.011	mg/l	GIL-TMDL-3	4/16/2018
E Coli	24196	MPN/100 mL	GIL-TMDL-3	4/16/2018
Lead (Pb)	0.0037	mg/l	GIL-TMDL-3	4/16/2018
Oil and Grease (HEM)	0	mg/l	GIL-TMDL-3	4/16/2018
Total Dissolved Solids (TDS)	54	mg/l	GIL-TMDL-3	4/16/2018
Total Kjeldahl Nitrogen (TKN)	0.69	mg/l	GIL-TMDL-3	4/16/2018
Total Phosphorus (TP)	0.075	mg/l	GIL-TMDL-3	4/16/2018
Total Suspended Solids (TSS)	42	mg/l	GIL-TMDL-3	4/16/2018
Zinc (Zn)	0.03	mg/l	GIL-TMDL-3	4/16/2018
Biochemical Oxygen Demand, 5-Day (BOD5)	0	mg/l	GIL-TMDL-3	12/14/2018
Chemical Oxygen Demand (COD)	22	mg/l	GIL-TMDL-3	12/14/2018
Copper (Cu)	0	mg/l	GIL-TMDL-3	12/14/2018
Dissolved Phosphorus (SP)	0	mg/l	GIL-TMDL-3	12/14/2018
E Coli	1112	MPN/100 mL	GIL-TMDL-3	12/14/2018
Lead (Pb)	0.0012	mg/l	GIL-TMDL-3	12/14/2018
Oil and Grease (HEM)	0	mg/l	GIL-TMDL-3	12/14/2018
Total Dissolved Solids (TDS)	53	mg/l	GIL-TMDL-3	12/14/2018
Total Kjeldahl Nitrogen (TKN)	0.35	mg/l	GIL-TMDL-3	12/14/2018
Total Phosphorus (TP)	0.016	mg/l	GIL-TMDL-3	12/14/2018
Total Suspended Solids (TSS)	15	mg/l	GIL-TMDL-3	12/14/2018
Zinc (Zn)	0.028	mg/l	GIL-TMDL-3	12/14/2018
Biochemical Oxygen Demand, 5-Day (BOD5)	4.7	mg/l	GIL-TMDL-3	4/2/2019
Chemical Oxygen Demand (COD)	30	mg/l	GIL-TMDL-3	4/2/2019
Copper (Cu)	0.006	mg/l	GIL-TMDL-3	4/2/2019
Dissolved Phosphorus (SP)	0	mg/l	GIL-TMDL-3	4/2/2019
E Coli	4106	MPN/100mL	GIL-TMDL-3	4/2/2019
Lead (Pb)	0.0022	mg/l	GIL-TMDL-3	4/2/2019

Total Dissolved Solids (TDS)	33	mg/l	GIL-TMDL-3	4/2/2019
Total Kjeldahl Nitrogen (TKN)	0.42	mg/l	GIL-TMDL-3	4/2/2019
Total Phosphorus (TP)	0	mg/l	GIL-TMDL-3	4/2/2019
Total Suspended Solids (TSS)	32	mg/l	GIL-TMDL-3	4/2/2019
Zinc (Zn)	0.025	mg/l	GIL-TMDL-3	4/2/2019
Total Dissolved Solids (TDS)	55	mg/l	GIL-TMDL-3	6/6/2019
Chemical Oxygen Demand (COD)	42	mg/l	GIL-TMDL-3	6/6/2019
Total Suspended Solids (TSS)	35	mg/l	GIL-TMDL-3	6/6/2019
Biochemical Oxygen Demand, 5-Day (BOD5)	8.8	mg/l	GIL-TMDL-3	6/6/2019
Total Kjeldahl Nitrogen (TKN)	1	mg/l	GIL-TMDL-3	6/6/2019
Total Phosphorus (TP)	0.058	mg/l	GIL-TMDL-3	6/6/2019
Zinc (Zn)	0.034	mg/l	GIL-TMDL-3	6/6/2019
Copper (Cu)	0.01	mg/l	GIL-TMDL-3	6/6/2019
Lead (Pb)	0.0029	mg/l	GIL-TMDL-3	6/6/2019
Oil and Grease (HEM)	0	mg/l	GIL-TMDL-3	6/6/2019
Dissolved Phosphorus (SP)	0	mg/l	GIL-TMDL-3	6/6/2019
E Coli	24196	MPN/100mL	GIL-TMDL-3	6/6/2019
Biochemical Oxygen Demand, 5-Day (BOD5)	8.8	mg/l	GIL-TMDL-3	12/11/2019
Chemical Oxygen Demand (COD)	33	mg/l	GIL-TMDL-3	12/11/2019
Copper (Cu)	0	mg/l	GIL-TMDL-3	12/11/2019
Dissolved Phosphorus (SP)	0	mg/l	GIL-TMDL-3	12/11/2019
E Coli	10462	MPN/100mL	GIL-TMDL-3	12/11/2019
Lead (Pb)	0.0013	mg/l	GIL-TMDL-3	12/11/2019
Total Dissolved Solids (TDS)	100	mg/l	GIL-TMDL-3	12/11/2019
Total Kjeldahl Nitrogen (TKN)	0.71	mg/l	GIL-TMDL-3	12/11/2019
Total Phosphorus (TP)	0.36	mg/l	GIL-TMDL-3	12/11/2019
Total Suspended Solids (TSS)	20	mg/l	GIL-TMDL-3	12/11/2019
Zinc (Zn)	0.036	mg/l	GIL-TMDL-3	12/11/2019
Oil and Grease (HEM)	0	mg/l	GIL-TMDL-3	12/11/2019
Biochemical Oxygen Demand, 5-Day (BOD5)	7.1	mg/l	GIL-TMDL-4	12/21/2017
Chemical Oxygen Demand (COD)	36	mg/l	GIL-TMDL-4	12/21/2017
Copper (Cu)	0.0074	mg/l	GIL-TMDL-4	12/21/2017
Dissolved Phosphorus (SP)	0.015	mg/l	GIL-TMDL-4	12/21/2017
E Coli	24196	MPN/100 mL	GIL-TMDL-4	12/21/2017
Lead (Pb)	0.002	mg/l	GIL-TMDL-4	12/21/2017
Oil and Grease (HEM)	0	mg/l	GIL-TMDL-4	12/21/2017
Total Dissolved Solids (TDS)	190	mg/l	GIL-TMDL-4	12/21/2017
Total Kjeldahl Nitrogen (TKN)	0.45	mg/l	GIL-TMDL-4	12/21/2017
Total Phosphorus (TP)	0.075	mg/l	GIL-TMDL-4	12/21/2017
Total Suspended Solids (TSS)	18	mg/l	GIL-TMDL-4	12/21/2017
Zinc (Zn)	0.017	mg/l	GIL-TMDL-4	12/21/2017
Biochemical Oxygen Demand, 5-Day (BOD5)	3	mg/l	GIL-TMDL-4	3/12/2018
Chemical Oxygen Demand (COD)	20	mg/l	GIL-TMDL-4	3/12/2018
Copper (Cu)	0	mg/l	GIL-TMDL-4	3/12/2018
Dissolved Phosphorus (SP)	0.071	mg/l	GIL-TMDL-4	3/12/2018
E Coli	3654	MPN/100 mL	GIL-TMDL-4	3/12/2018
Lead (Pb)	0	mg/l	GIL-TMDL-4	3/12/2018

Oil and Grease (HEM)	0	mg/l	GIL-TMDL-4	3/12/2018
Total Dissolved Solids (TDS)	33	mg/l	GIL-TMDL-4	3/12/2018
Total Kjeldahl Nitrogen (TKN)	0.54	mg/l	GIL-TMDL-4	3/12/2018
Total Phosphorus (TP)	0.052	mg/l	GIL-TMDL-4	3/12/2018
Total Suspended Solids (TSS)	17	mg/l	GIL-TMDL-4	3/12/2018
Zinc (Zn)	0.013	mg/l	GIL-TMDL-4	3/12/2018
Biochemical Oxygen Demand, 5-Day (BOD5)	16	mg/l	GIL-TMDL-4	4/16/2018
Chemical Oxygen Demand (COD)	68	mg/l	GIL-TMDL-4	4/16/2018
Copper (Cu)	0.02	mg/l	GIL-TMDL-4	4/16/2018
Dissolved Phosphorus (SP)	0.034	mg/l	GIL-TMDL-4	4/16/2018
E Coli	24196	MPN/100 mL	GIL-TMDL-4	4/16/2018
Lead (Pb)	0.0031	mg/l	GIL-TMDL-4	4/16/2018
Oil and Grease (HEM)	4.7	mg/l	GIL-TMDL-4	4/16/2018
Total Dissolved Solids (TDS)	55	mg/l	GIL-TMDL-4	4/16/2018
Total Kjeldahl Nitrogen (TKN)	1.3	mg/l	GIL-TMDL-4	4/16/2018
Total Phosphorus (TP)	0.22	mg/l	GIL-TMDL-4	4/16/2018
Total Suspended Solids (TSS)	23	mg/l	GIL-TMDL-4	4/16/2018
Zinc (Zn)	0.022	mg/l	GIL-TMDL-4	4/16/2018
Biochemical Oxygen Demand, 5-Day (BOD5)	0	mg/l	GIL-TMDL-4	12/14/2018
Biochemical Oxygen Demand, 5-Day (BOD5)	0	mg/l	GIL-TMDL-4	12/14/2018
Chemical Oxygen Demand (COD)	0	mg/l	GIL-TMDL-4	12/14/2018
Chemical Oxygen Demand (COD)	0	mg/l	GIL-TMDL-4	12/14/2018
Copper (Cu)	0	mg/l	GIL-TMDL-4	12/14/2018
Copper (Cu)	0	mg/l	GIL-TMDL-4	12/14/2018
Dissolved Phosphorus (SP)	0	mg/l	GIL-TMDL-4	12/14/2018
Dissolved Phosphorus (SP)	0	mg/l	GIL-TMDL-4	12/14/2018
E Coli	285	MPN/100 mL	GIL-TMDL-4	12/14/2018
Lead (Pb)	0	mg/l	GIL-TMDL-4	12/14/2018
Lead (Pb)	0	mg/l	GIL-TMDL-4	12/14/2018
Oil and Grease (HEM)	0	mg/l	GIL-TMDL-4	12/14/2018
Oil and Grease (HEM)	0	mg/l	GIL-TMDL-4	12/14/2018
Total Dissolved Solids (TDS)	58	mg/l	GIL-TMDL-4	12/14/2018
Total Dissolved Solids (TDS)	58	mg/l	GIL-TMDL-4	12/14/2018
Total Kjeldahl Nitrogen (TKN)	0.33	mg/l	GIL-TMDL-4	12/14/2018
Total Kjeldahl Nitrogen (TKN)	0.33	mg/l	GIL-TMDL-4	12/14/2018
Total Phosphorus (TP)	0.021	mg/l	GIL-TMDL-4	12/14/2018
Total Phosphorus (TP)	0.021	mg/l	GIL-TMDL-4	12/14/2018
Total Suspended Solids (TSS)	5.7	mg/l	GIL-TMDL-4	12/14/2018
Total Suspended Solids (TSS)	5.7	mg/l	GIL-TMDL-4	12/14/2018
Zinc (Zn)	0.013	mg/l	GIL-TMDL-4	12/14/2018
Zinc (Zn)	0.013	mg/l	GIL-TMDL-4	12/14/2018
Biochemical Oxygen Demand, 5-Day (BOD5)	3.5	mg/l	GIL-TMDL-4	1/24/2019
Chemical Oxygen Demand (COD)	0	mg/l	GIL-TMDL-4	1/24/2019
Copper (Cu)	0	mg/l	GIL-TMDL-4	1/24/2019
Dissolved Phosphorus (SP)	0.02	mg/l	GIL-TMDL-4	1/24/2019
E coli	4884	MPN/100 mL	GIL-TMDL-4	1/24/2019
Lead (Pb)	0	mg/l	GIL-TMDL-4	1/24/2019

Oil and Grease (HEM)	0	mg/l	GIL-TMDL-4	1/24/2019
Total Dissolved Solids (TDS)	27	mg/l	GIL-TMDL-4	1/24/2019
Total Kjeldahl Nitrogen (TKN)	0.4	mg/l	GIL-TMDL-4	1/24/2019
Total Phosphorus (TP)	0.043	mg/l	GIL-TMDL-4	1/24/2019
Total Suspended Solids (TSS)	76	mg/l	GIL-TMDL-4	1/24/2019
Zinc (Zn)	0	mg/l	GIL-TMDL-4	1/24/2019
Biochemical Oxygen Demand, 5-Day (BOD5)	20	mg/l	GIL-TMDL-4	4/2/2019
Chemical Oxygen Demand (COD)	59	mg/l	GIL-TMDL-4	4/2/2019
Copper (Cu)	0.013	mg/l	GIL-TMDL-4	4/2/2019
Dissolved Phosphorus (SP)	0	mg/l	GIL-TMDL-4	4/2/2019
E Coli	4352	MPN/100mL	GIL-TMDL-4	4/2/2019
Lead (Pb)	0.0012	mg/l	GIL-TMDL-4	4/2/2019
Oil and Grease (HEM)	0	mg/l	GIL-TMDL-4	4/2/2019
Total Dissolved Solids (TDS)	52	mg/l	GIL-TMDL-4	4/2/2019
Total Kjeldahl Nitrogen (TKN)	1.5	mg/l	GIL-TMDL-4	4/2/2019
Total Phosphorus (TP)	0.18	mg/l	GIL-TMDL-4	4/2/2019
Total Suspended Solids (TSS)	20	mg/l	GIL-TMDL-4	4/2/2019
Zinc (Zn)	0.023	mg/l	GIL-TMDL-4	4/2/2019
Total Dissolved Solids (TDS)	52	mg/l	GIL-TMDL-4	6/6/2019
Chemical Oxygen Demand (COD)	39	mg/l	GIL-TMDL-4	6/6/2019
Total Suspended Solids (TSS)	23	mg/l	GIL-TMDL-4	6/6/2019
Biochemical Oxygen Demand, 5-Day (BOD5)	9	mg/l	GIL-TMDL-4	6/6/2019
Total Kjeldahl Nitrogen (TKN)	1.2	mg/l	GIL-TMDL-4	6/6/2019
Total Phosphorus (TP)	0.092	mg/l	GIL-TMDL-4	6/6/2019
Dissolved Phosphorus (SP)	0.072	mg/l	GIL-TMDL-4	6/6/2019
Zinc (Zn)	0.017	mg/l	GIL-TMDL-4	6/6/2019
Copper (Cu)	0.01	mg/l	GIL-TMDL-4	6/6/2019
Lead (Pb)	0.0029	mg/l	GIL-TMDL-4	6/6/2019
Oil and Grease (HEM)	0	mg/l	GIL-TMDL-4	6/6/2019
E Coli	24196	MPN/100mL	GIL-TMDL-4	6/6/2019
Biochemical Oxygen Demand, 5-Day (BOD5)	7.1	mg/l	GIL-TMDL-4	11/12/2019
Chemical Oxygen Demand (COD)	25	mg/l	GIL-TMDL-4	11/12/2019
Copper (Cu)	0	mg/l	GIL-TMDL-4	11/12/2019
Dissolved Phosphorus (SP)	0.096	mg/l	GIL-TMDL-4	11/12/2019
E Coli	24196	MPN/100mL	GIL-TMDL-4	11/12/2019
Lead (Pb)	0	mg/l	GIL-TMDL-4	11/12/2019
Oil and Grease (HEM)	0	mg/l	GIL-TMDL-4	11/12/2019
Total Dissolved Solids (TDS)	43	mg/l	GIL-TMDL-4	11/12/2019
Total Kjeldahl Nitrogen (TKN)	0.28	mg/l	GIL-TMDL-4	11/12/2019
Total Phosphorus (TP)	0.12	mg/l	GIL-TMDL-4	11/12/2019
Total Suspended Solids (TSS)	14	mg/l	GIL-TMDL-4	11/12/2019
Zinc (Zn)	0.018	mg/l	GIL-TMDL-4	11/12/2019
Ammonia	0	mg/l	LWK-IMP-15	8/1/2018
Conductivity	77.3	umho/cm	LWK-IMP-15	8/1/2018
Dissolved Oxygen (DO)	6.3	mg/l	LWK-IMP-15	8/1/2018
E Coli	307.6	MPN/100mL	LWK-IMP-15	8/1/2018
Oil and Grease (HEM)	0	mg/l	LWK-IMP-15	8/1/2018

pH	6.62	std. units	LWK-IMP-15	8/1/2018
Potassium	1.38	mg/l	LWK-IMP-15	8/1/2018
Surfactants	0.06	mg/l	LWK-IMP-15	8/1/2018
Total Kjeldahl Nitrogen (TKN)	0.55	mg/l	LWK-IMP-15	8/1/2018
Total Phosphorus (TP)	0	mg/l	LWK-IMP-15	8/1/2018
Total Suspended Solids (TSS)	7.74	mg/l	LWK-IMP-15	8/1/2018
Turbidity	6.76	NTU	LWK-IMP-15	8/1/2018
Water Temperature	24.9	deg C	LWK-IMP-15	8/1/2018
Ammonia	0	mg/l	LWK-IMP-15	10/31/2018
Conductivity	83.5	umho/cm	LWK-IMP-15	10/31/2018
Dissolved Oxygen (DO)	10.7	mg/l	LWK-IMP-15	10/31/2018
E Coli	307.6	MPN/100mL	LWK-IMP-15	10/31/2018
Oil and Grease (HEM)	0	mg/l	LWK-IMP-15	10/31/2018
pH	6.92	std. units	LWK-IMP-15	10/31/2018
Potassium	1.59	mg/l	LWK-IMP-15	10/31/2018
Surfactants	0.05	mg/l	LWK-IMP-15	10/31/2018
Total Kjeldahl Nitrogen (TKN)	0.69	mg/l	LWK-IMP-15	10/31/2018
Total Phosphorus (TP)	0.055	mg/l	LWK-IMP-15	10/31/2018
Total Suspended Solids (TSS)	1.69	mg/l	LWK-IMP-15	10/31/2018
Turbidity	7.12	NTU	LWK-IMP-15	10/31/2018
Water Temperature	13.3	deg C	LWK-IMP-15	10/31/2018
Ammonia	0	mg/l	LWK-IMP-15	2/6/2019
Conductivity	81.8	umho/cm	LWK-IMP-15	2/6/2019
Dissolved Oxygen (DO)	10.7	mg/l	LWK-IMP-15	2/6/2019
E Coli	187.2	MPN/100mL	LWK-IMP-15	2/6/2019
Oil and Grease (HEM)	0	mg/l	LWK-IMP-15	2/6/2019
pH	6.79	std. units	LWK-IMP-15	2/6/2019
Potassium	1.54	mg/l	LWK-IMP-15	2/6/2019
Surfactants	0.05	mg/l	LWK-IMP-15	2/6/2019
Total Kjeldahl Nitrogen (TKN)	0.53	mg/l	LWK-IMP-15	2/6/2019
Total Phosphorus (TP)	0	mg/l	LWK-IMP-15	2/6/2019
Total Suspended Solids (TSS)	3.12	mg/l	LWK-IMP-15	2/6/2019
Turbidity	4.77	NTU	LWK-IMP-15	2/6/2019
Water Temperature	12.9	deg C	LWK-IMP-15	2/6/2019
Ammonia	0	mg/l	LWK-IMP-15	5/1/2019
Conductivity	70.3	umho/cm	LWK-IMP-15	5/1/2019
Dissolved Oxygen (DO)	7.9	mg/l	LWK-IMP-15	5/1/2019
E Coli	108.1	MPN/100mL	LWK-IMP-15	5/1/2019
Oil and Grease (HEM)	0	mg/l	LWK-IMP-15	5/1/2019
pH	6.68	std. units	LWK-IMP-15	5/1/2019
Potassium	1.35	mg/l	LWK-IMP-15	5/1/2019
Surfactants	0.05	mg/l	LWK-IMP-15	5/1/2019
Total Kjeldahl Nitrogen (TKN)	0.38	mg/l	LWK-IMP-15	5/1/2019
Total Phosphorus (TP)	0	mg/l	LWK-IMP-15	5/1/2019
Total Suspended Solids (TSS)	2.47	mg/l	LWK-IMP-15	5/1/2019
Turbidity	4.99	NTU	LWK-IMP-15	5/1/2019
Water Temperature	19.8	deg C	LWK-IMP-15	5/1/2019

Ammonia	0	mg/l	LWK-IMP-15	11/21/2019
Conductivity	77.7	umho/cm	LWK-IMP-15	11/21/2019
Dissolved Oxygen (DO)	10.45	mg/l	LWK-IMP-15	11/21/2019
E Coli	248.1	MPN/100mL	LWK-IMP-15	11/21/2019
Oil and Grease (HEM)	0	mg/l	LWK-IMP-15	11/21/2019
pH	6.25	std. units	LWK-IMP-15	11/21/2019
Potassium	1.32	mg/l	LWK-IMP-15	11/21/2019
Surfactants	0	mg/l	LWK-IMP-15	11/21/2019
Total Kjeldahl Nitrogen (TKN)	0.2	mg/l	LWK-IMP-15	11/21/2019
Total Phosphorus (TP)	0	mg/l	LWK-IMP-15	11/21/2019
Total Suspended Solids (TSS)	2.3	mg/l	LWK-IMP-15	11/21/2019
Turbidity	6.02	NTU	LWK-IMP-15	11/21/2019
Water Temperature	10.6	deg C	LWK-IMP-15	11/21/2019

Organization	Station	StationDescript	Latitude(DD)	Longitude(DD)	WaterBody	Notes	SCDHECStation
ConRivKee	CRK05	Gills Creek	33.98937	80.97458	S	Approx. 20 yarc	C-001

SITE #	CRK05	CRK05	CRK05	CRK05	CRK05	CRK05	CRK05	CRK05
SITE NAME	Gills Creek	Gills Creek	Gills Creek	Gills Creek	Gills Creek	Gills Creek	Gills Creek	Gills Creek
DATE	2015-05-08	2015-08-05	2015-11-19	2016-02-17	2016-05-19	2016-07-26	2016-09-29	2016-11-30
Sample Result	119.8	57.3	**1732.9**	137.4	260.8	107.6	298.7	**1299.7**
LIMIT (349)	349	349	349	349	349	349	349	349
EXCEEDENCE (Y/N)	N	N	Y	N	N	N	N	Y
RAINFALL, INCHES (past 48 hours)	0	0.72	2.22	0.68	0.7	0.00	0.13	1.16
NOTES			SSO Reported Upstream		Avg of sample and duplicate			

CRK05	CRK05	CRK05	CRK05	CRK05	CRK05	CRK05	CRK05	CRK05
Gills Creek	Gills Creek	Gills Creek	Gills Creek	Gills Creek	Gills Creek	Gills Creek	Gills Creek	Gills Creek
2017-01-31	2017-03-23	2017-05-22	2017-07-28	2017-09-26	2017-11-28	2018-01-23	2018-03-28	2018-05-22
178.0	**770.1**	**2419.6**	**353.8**	107.1	113.4	307.6	203.9	155.3
349	349	349	349	349	349	349	349	349
N	Y	Y	Y	N	N	N	N	N
0.00	0.01	3.21	0.00	0.00	T	0.02	0.00	0.01
			SSOs reported upstream on 7/23 & 7/24				Avg of sample and duplicate	

CRK05	CRK05	CRK05	CRK05	CRK05	CRK05	CRK05	CRK05	CRK05
Gills Creek	Gills Creek	Gills Creek	Gills Creek	Gills Creek	Gills Creek	Gills Creek	Gills Creek	Gills Creek
2018-07-24	2018-07-24	2018-11-29	2019-01-30	2019-03-20	2019-05-29	2019-07-23	2019-09-25	2019-11-19
488.4	86.0	98.8	48.8	65.1	178.9	**866.4**	248.9	316.6
349	349	349	349	349	349	349	349	349
Y	N	N	N	N	N	Y	N	N
0.98	0.00	0.00	0.04	0.00	0.00	1.25	0.00	0.17
								Avg of sample and duplicate.

Site ID LJCL-0031
Creek: Little Jackson Creek/Carys Lake
Group Dent Middle School
Lat/Long 34.0594, -80.9535

Date	E. coli (cfu/100ml)	pH (Standard Unit)	Conductivity (µS/cm)	Water Temp (°C)	Air Temp (°C)	DO (mg/L (ppm))	Macro Rating	Habitat Rating
7/25/2019 9:34	N/A	6	31	26	25	4	Not available	Not Available
6/19/2019 9:00	N/A	6	18	27	30	5.6	Not available	Not Available
5/2/2019 12:37	N/A	5.88	N/A	28	27	5.3	Not available	Not Available
1/25/2019 14:06	N/A	5.5	N/A	7	17	9.7	Not available	Not Available
11/30/2018 9:09	N/A	6	27	17.9	23	8.2	Not available	Not Available
10/24/2018 9:08	N/A	6.5	41	15	20	5.95	Not available	Not Available
9/13/2018 13:44	N/A	6	N/A	26	31	3.7	Not available	Not Available
6/4/2018 8:00	N/A	6.25	0	28	24.8	1.8	Not available	Not Available
5/3/2018 12:50	N/A	5.5	70	30	30	1.7	Not available	Not Available
4/19/2018 11:46	66.67	0	0	0	0	0	Not available	Not Available
4/12/2018 13:45	N/A	6.5	57	19	24	7.5	Not available	Not Available
3/27/2018 14:51	33.33	0	0	0	0	0	Not available	Not Available
2/14/2018 11:11	33.33	0	0	0	0	0	Not available	Not Available
1/23/2018 1:40	N/A	6	72	13	19	7.75	Not available	Not Available
11/30/2017 0:00	466.67	0	0	0	0	0	Not available	Not Available
11/21/2017 13:40	N/A	6	82	14	20	7.3	Not available	Not Available
11/15/2017 10:54	N/A	5.5	108	11	14	5	Not available	Not Available
10/30/2017 11:36	200	0	0	0	0	0	Not available	Not Available
10/26/2017 8:22	N/A	6	0	15	13	7.8	Not available	Not Available
9/21/2017 7:55	N/A	6	68	25	25	6	Not available	Not Available
9/7/2017 9:00	N/A	6	82	25	25	5.2	Not available	Not Available
8/28/2017 10:50	366.67	6	61	25	27	6.9	Not available	Not Available

7/19/2017 9:25	N/A	6	77	26	29	4.6	Not available	Not Available
5/25/2017 0:00	266.67	0	0	0	0	0	Not available	Not Available
5/2/2017 0:00	N/A	0	0	18.64	0	0	Not available	Not Available
4/19/2017 0:00	133.33	0	0	0	0	0	Not available	Not Available
4/18/2017 0:00	N/A	0	0	0	0	0	Not available	Not Available
4/4/2017 0:00	N/A	0	0	17.22	0	0	Not available	Not Available
3/7/2017 0:00	N/A	0	0	25.03	0	0	Not available	Not Available
2/7/2017 0:00	266.67	0	0	0	0	0	Not available	Not Available
1/17/2017 0:00	N/A	0	0	0	0	0	Not available	Not Available
1/13/2017 10:45	166.67	0	0	0	0	0	Not available	Not Available
11/29/2016 0:00	N/A	6	0	25.64	23	7.9	Not available	Not Available
1/3/2016 0:00	N/A	6	0	20.91	25.5	7.2	Not available	Not Available

Site ID CL-0700
Creek: Cary Lake
Group this is it
Lat/Long 34.0513, -80.9568

Date	E. coli (cfu/100ml)	pH (Standard Unit)	Conductivity (µS/cm)	Water Temp (°C)	Air Temp (°C)	DO (mg/L (ppm))	Macro Rating	Habitat Rating
3/15/2017 0:00	533.33	0	0	12.54	0	0	Not available	Not Available
2/16/2017 0:00	200	6.5	0	19.36	17.7	6.7	Not available	Not Available
1/30/2017 0:00	N/A	5	0	37.71	21	10.1	Not available	Not Available

Site ID JC-0407
Creek: Jackson Creek
Group GCWA
Lat/Long 34.0612, -80.9517

Date	E. coli (cfu/100ml)	pH (Standard Unit)	Conductivity (µS/cm)	Water Temp (°C)	Air Temp (°C)	DO (mg/L (ppm))	Macro Rating	Habitat Rating
10/21/2019 11:00	166.67	7	58	19	20	6	Not available	Not Available
8/26/2019 15:19	33.33	6	1220	22	24	3	Not available	Good

Date	E. coli (cfu/100ml)	pH (Standard Unit)	Conductivity (µS/cm)	Water Temp (°C)	Air Temp (°C)	DO (mg/L (ppm))	Macro Rating	Habitat Rating
11/14/2019 11:00	66.67	6.5	N/A	12	5	8.5	Not available	Not Available
10/10/2019 11:10	33.33	6.38	52	23	21	6.75	Not available	Not Available
9/12/2019 11:00	133.33	6.75	29	28	28	4.4	Not available	Good

Date	E. coli (cfu/100ml)	pH (Standard Unit)	Conductivity (µS/cm)	Water Temp (°C)	Air Temp (°C)	DO (mg/L (ppm))	Macro Rating	Habitat Rating
10/17/2019 11:15	N/A	6.5	65	20	16	3.65	Not available	Not Available
10/17/2019 7:16	366.67	N/A	N/A	N/A	N/A	N/A	Not available	Not Available
9/21/2019 6:25	N/A	N/A	N/A	N/A	N/A	N/A	Not available	Not Available
9/20/2019 13:50	N/A	N/A	N/A	N/A	N/A	N/A	Not available	Not Available
8/24/2019 15:00	N/A	6	65	29	28	3	Not available	Good
8/24/2019 10:22	N/A	N/A	N/A	N/A	N/A	N/A	Not available	Not Available
8/24/2019 9:38	N/A	6	65	29	28	3	Not available	Good

Site ID	GC-0133
Creek:	Gills Creek
Group	GCWA (I think)
Lat/Long	33.9876, -80.9764

Date	E. coli (cfu/100ml)	pH (Standard Unit)	Conductivity (µS/cm)	Water Temp (°C)	Air Temp (°C)	DO (mg/L (ppm))	Macro Rating	Habitat Rating
9/1/2018 8:01	N/A	N/A	N/A	N/A	N/A	N/A	Good	Not Available
6/18/2018 13:45	N/A	0	0	0	0	0	Good	Not Available
2/17/2018 13:00	N/A	0	0	0	0	0	Good	Not Available
11/18/2017 13:10	N/A	0	0	0	0	0	Fair	Not Available

Site ID	G-0069
Creek:	GillsCreek/FlorestLake
Group	test grp
Lat/Long	34.0353, -80.9521

Date	E. coli (cfu/100ml)	pH (Standard Unit)	Conductivity (µS/cm)	Water Temp (°C)	Air Temp (°C)	DO (mg/L (ppm))	Macro Rating	Habitat Rating
1/30/2017 0:00	N/A	5.5	0	30.47	8	10	Not available	Not Available

Site ID	CC-0068
Creek:	CJDS Creek
Group	Richland SWCD - Girls Scout Troop 1929
Lat/Long	34.0336, -80.9662

Date	E. coli (cfu/100ml)	pH (Standard Unit)	Conductivity (µS/cm)	Water Temp (°C)	Air Temp (°C)	DO (mg/L (ppm))	Macro Rating	Habitat Rating
11/24/2019 12:40	N/A	6	83	14.3	18	5.05	Poor	Not Available
10/6/2019 15:30	N/A	6	74	23	32	0	Not available	Good
8/25/2019 15:45	N/A	6	86	22.8	34	6	Not available	Not Available
3/15/2017 0:00	N/A	0	0	10.64	0	0	Not available	Not Available
1/25/2017 0:00	N/A	6.5	0	23.08	23	7.45	Not available	Not Available
12/29/2016 0:00	N/A	6.5	0	15.23	19	6.1	Not available	Not Available

Site ID GCO-0358
Creek: Gills Creek OFP
Group Gills Creek Watershed Association
Lat/Long 34.0198, -80.9635

Date	E. coli (cfu/100ml)	pH (Standard Unit)	Conductivity (µS/cm)	Water Temp (°C)	Air Temp (°C)	DO (mg/L (ppm))	Macro Rating	Habitat Rating
11/14/2019 11:00	66.67	6.5	N/A	12	5	8.5	Not available	Not Available
10/10/2019 11:10	33.33	6.38	52	23	21	6.75	Not available	Not Available
9/12/2019 11:00	133.33	6.75	29	28	28	4.4	Not available	Good
8/8/2019 11:17	0	6.5	22	29	28.5	6.35	Not available	Not Available
7/11/2019 15:49	N/A	6.22	41	25	27	6.15	Not available	Fair

Site ID PB-0022
Creek: Pen Branch
Group Gills Creek Watershed Association
Lat/Long 34.0089, -80.9645

Date	E. coli (cfu/100ml)	pH (Standard Unit)	Conductivity (µS/cm)	Water Temp (°C)	Air Temp (°C)	DO (mg/L (ppm))	Macro Rating	Habitat Rating
7/10/2017 15:34	2933.33	6	119	26.9	34.5	5.45	Not available	Not Available
2/13/2017 0:00	1333.33	6.25	0	29.28	20	8.55	Not available	Not Available
12/21/2016 0:00	266.67	6.5	0	27.61	14	9	Not available	Not Available
11/17/2016 0:00	1000	6.5	0	26.41	18	8.4	Poor	Not Available

Site ID GC-0133
Creek: Gills Creek
Group
Lat/Long 33.9876, -80.9764

Date	E. coli (cfu/100ml)	pH (Standard Unit)	Conductivity (µS/cm)	Water Temp (°C)	Air Temp (°C)	DO (mg/L (ppm))	Macro Rating	Habitat Rating
9/1/2018 8:01	N/A	N/A	N/A	N/A	N/A	N/A	Good	Not Available
6/18/2018 13:45	N/A	0	0	0	0	0	Good	Not Available
2/17/2018 13:00	N/A	0	0	0	0	0	Good	Not Available
11/18/2017 13:10	N/A	0	0	0	0	0	Fair	Not Available

Site ID EB-0067
Creek: Eightmile Branch
Group Gills Creek Watershed Association
Lat/Long 34.0197, -80.9649

Date	E. coli (cfu/100ml)	pH (Standard Unit)	Conductivity (µS/cm)	Water Temp (°C)	Air Temp (°C)	DO (mg/L (ppm))	Macro Rating	Habitat Rating
11/14/2019 10:00	366.67	7	N/A	9	5	9	Not available	Not Available
10/10/2019 10:05	133.33	6.5	53	21	22	7.1	Not available	Not Available
9/12/2019 19:18	300	7	106	25	25	5.9	Not available	Good
8/8/2019 11:16	100	7	67	27	28	6.45	Not available	Not Available
7/11/2019 15:49	N/A	6.5	50	25	27	9.35	Not available	Good
6/14/2019 15:50	N/A	6.5	110	21	22	7.95	Not available	Fair
2/18/2017 0:00	400	6.5	0	28.2	19	8.8	Not available	Not Available

Site ID GC/R-0400
Creek: Gills Creek / Rosewood
Group muddy waters
Lat/Long 33.9865, -80.9799

Date	E. coli (cfu/100ml)	pH (Standard Unit)	Conductivity (µS/cm)	Water Temp (°C)	Air Temp (°C)	DO (mg/L (ppm))	Macro Rating	Habitat Rating
10/17/2019 11:15	N/A	6.5	65	20	16	3.65	Not available	Not Available
10/17/2019 7:16	366.67	N/A	N/A	N/A	N/A	N/A	Not available	Not Available
9/21/2019 6:25	N/A	N/A	N/A	N/A	N/A	N/A	Not available	Not Available
9/20/2019 13:50	N/A	N/A	N/A	N/A	N/A	N/A	Not available	Not Available
8/24/2019 15:00	N/A	6	65	29	28	3	Not available	Good
8/24/2019 10:22	N/A	N/A	N/A	N/A	N/A	N/A	Not available	Not Available
8/24/2019 9:38	N/A	6	65	29	28	3	Not available	Good

Site ID GC2-0162
Creek: Gills Creek 2
Group EHMs
Lat/Long 33.9482, -80.9888

Date	E. coli (cfu/100ml)	pH (Standard Unit)	Conductivity (µS/cm)	Water Temp (°C)	Air Temp (°C)	DO (mg/L (ppm))	Macro Rating	Habitat Rating
4/24/2019 15:40	N/A	N/A	N/A	N/A	N/A	N/A	Excellent	Not Available
9/1/2018 7:37	N/A	N/A	N/A	N/A	N/A	N/A	Good	Not Available
6/18/2018 12:15	N/A	0	0	0	0	0	Excellent	Not Available
2/24/2018 10:40	N/A	0	0	0	0	0	Excellent	Not Available

Appendix B – Hotspot Survey and Webmap Results

Hotspot Types	
Hotspot Type	**Total**
Broken Sewer Lines	4
Construction Sites	22
Dog walking	9
Industrial/Commercial Pollution Sources	10
Litter	44
Recreation	11
Sediment	81
Wildlife	25
Grand Total	**206**

Hotspots by Watershed	
Name	**Total**
Gillies Creek-Wateree River	2
Jackson Creek-Gills Creek	60
Lower Gills Creek-Congaree River	133
Upper Crane Creek	1
Upper Gills Creek-Congaree River	10
Grand Total	**206**

Creation Date	Hotspot Type	Notes	HUC12	Name
10/14/2019	Sediment		030501040304	Gillies Creek-Wateree River
10/14/2019	Wildlife		030501040304	Gillies Creek-Wateree River
11/13/2019	Wildlife	deer, water birds and others, squirrels, rabbits, armadillo?	030501060706	Upper Crane Creek
11/8/2019	Sediment		030501100201	Jackson Creek-Gills Creek
11/8/2019	Sediment		030501100201	Jackson Creek-Gills Creek
11/8/2019	Sediment		030501100201	Jackson Creek-Gills Creek
11/8/2019	Sediment		030501100201	Jackson Creek-Gills Creek
11/8/2019	Sediment		030501100201	Jackson Creek-Gills Creek
11/8/2019	Dog walking		030501100201	Jackson Creek-Gills Creek
11/13/2019	Wildlife	bird spotting	030501100201	Jackson Creek-Gills Creek
11/13/2019	Wildlife	plenty of birds	030501100201	Jackson Creek-Gills Creek
11/13/2019	Dog walking		030501100201	Jackson Creek-Gills Creek
11/13/2019	Dog walking	dog walking	030501100201	Jackson Creek-Gills Creek
11/13/2019	Dog walking	dog park	030501100201	Jackson Creek-Gills Creek
11/13/2019	Recreation	hike/mtn bike	030501100201	Jackson Creek-Gills Creek
11/16/2019	Litter	Quite a bit of stuff comes from little jackson creek into the upper reaches of Carey Lake	030501100201	Jackson Creek-Gills Creek
11/16/2019	Recreation	wading, kayaking, canoeing	030501100201	Jackson Creek-Gills Creek
11/21/2019	Broken Sewer Lines		030501100201	Jackson Creek-Gills Creek
11/21/2019	Construction Sites	Significant sediment flow from construction site of apartments and neighboring previous development	030501100201	Jackson Creek-Gills Creek
11/21/2019	Sediment	Significant sediment accumulation	030501100201	Jackson Creek-Gills Creek
11/21/2019	Sediment		030501100201	Jackson Creek-Gills Creek
11/21/2019	Sediment	Enormous deposit of sediment that continues to build in the pond	030501100201	Jackson Creek-Gills Creek
11/21/2019	Sediment	Additional sediment deposits flowing into pond	030501100201	Jackson Creek-Gills Creek
11/21/2019	Construction Sites	See photos of failed silt fence and signs of erosion	030501100201	Jackson Creek-Gills Creek
11/21/2019	Sediment	See photos of sediment in creek downhill from property which empties into pond	030501100201	Jackson Creek-Gills Creek
11/24/2019	Industrial/Commercial Pollution Sources	Parking lot sliding into creek at site of adandoned restaurant	030501100201	Jackson Creek-Gills Creek
11/24/2019	Construction Sites		030501100201	Jackson Creek-Gills Creek
11/24/2019	Construction Sites		030501100201	Jackson Creek-Gills Creek
11/24/2019	Litter	Storm water outfall from decker	030501100201	Jackson Creek-Gills Creek
11/24/2019	Recreation	Kayak and rowing recreation	030501100201	Jackson Creek-Gills Creek
12/3/2019	Sediment	Bank erosion along power line easement.	030501100201	Jackson Creek-Gills Creek
12/3/2019	Sediment	Boat slip erosion.	030501100201	Jackson Creek-Gills Creek
12/3/2019	Sediment	Sed and algal bloom from residential lawn runoff.	030501100201	Jackson Creek-Gills Creek
12/3/2019	Construction Sites	Pond completely infilled and overplanted. Replaced with standalone constructed water feature.	030501100201	Jackson Creek-Gills Creek
12/5/2019	Sediment	Erosion/runoff from scalped lawn.	030501100201	Jackson Creek-Gills Creek
12/5/2019	Sediment	Algal bloom from lawn runoff.	030501100201	Jackson Creek-Gills Creek
12/5/2019	Sediment	Lawn runoff	030501100201	Jackson Creek-Gills Creek
12/5/2019	Construction Sites	Headwaters drainage filed now leveled and infilled by First Northeast Baptist Church and parking lots.	030501100201	Jackson Creek-Gills Creek
12/5/2019	Sediment	Bank erosion.	030501100201	Jackson Creek-Gills Creek
12/5/2019	Sediment	Erosion - possibly parking lot runoff.	030501100201	Jackson Creek-Gills Creek
12/5/2019	Sediment	Roadside shoulder erosion into outflow culvert.	030501100201	Jackson Creek-Gills Creek
12/5/2019	Sediment	Bank erosion from Interstate median.	030501100201	Jackson Creek-Gills Creek
12/5/2019	Sediment	Multiple sources - unitility easement/pad, yard erosion.	030501100201	Jackson Creek-Gills Creek
12/5/2019	Construction Sites	Heavy earthmoving where new road intersects utility easement - no regard whatsoever for stream bed or buffer.	030501100201	Jackson Creek-Gills Creek
12/5/2019	Sediment	Erosion along entire stream bed - no buffers observed along the length of the utility easement.	030501100201	Jackson Creek-Gills Creek
12/5/2019	Sediment	Erosion along entire stream bed - no buffers observed along the length of the utility easement NW to Hinton St.	030501100201	Jackson Creek-Gills Creek
12/5/2019	Sediment		030501100201	Jackson Creek-Gills Creek
12/12/2019	Litter		030501100201	Jackson Creek-Gills Creek
12/12/2019	Litter		030501100201	Jackson Creek-Gills Creek
12/12/2019	Litter		030501100201	Jackson Creek-Gills Creek
12/3/2019	Industrial/Commercial Pollution Sources	Massive algal blooms, possibly from aggregate lawn fertilizer runoff.	030501100202	Upper Gills Creek-Congaree River

12/3/2019	Sediment	Sed from lawn runoff.	030501100202	Upper Gills Creek-Congaree River
12/3/2019	Sediment	Sed dumps from adjacent lawn runoff.	030501100202	Upper Gills Creek-Congaree River
12/5/2019	Sediment	Bank erosion above inflow/outflow culverts.	030501100202	Upper Gills Creek-Congaree River
12/5/2019	Sediment	Bank erosion above inflow/outflow culverts.	030501100202	Upper Gills Creek-Congaree River
12/5/2019	Construction Sites	Bank erosion above outflow culvert under new road.	030501100202	Upper Gills Creek-Congaree River
12/5/2019	Construction Sites	Soil erosion from bare banks above intake/outtake culverts underpassing new range road.	030501100202	Upper Gills Creek-Congaree River
12/5/2019	Sediment	Soil erosion from bare banks above intake/outtake culverts underpassing new range road.	030501100202	Upper Gills Creek-Congaree River
12/12/2019	Litter		030501100202	Upper Gills Creek-Congaree River
12/12/2019	Litter		030501100202	Upper Gills Creek-Congaree River
11/12/2019	Litter	trash thrown from cars on Woodlake Dr	030501100203	Lower Gills Creek-Congaree River
11/12/2019	Litter	trash from restaurants and commercial development along N Beltline	030501100203	Lower Gills Creek-Congaree River
11/12/2019	Litter	trash gets in Gills Cr from dumpsters and commercial development behind Trenholm Plaza	030501100203	Lower Gills Creek-Congaree River
11/12/2019	Industrial/Commercial Pollution Sources	trash and other pollutants from Trenholm Plaza via storm drains and along back of the buildings next to creek.	030501100203	Lower Gills Creek-Congaree River
11/13/2019	Sediment		030501100203	Lower Gills Creek-Congaree River
11/13/2019	Sediment		030501100203	Lower Gills Creek-Congaree River
11/13/2019	Litter		030501100203	Lower Gills Creek-Congaree River
11/13/2019	Litter		030501100203	Lower Gills Creek-Congaree River
11/13/2019	Sediment		030501100203	Lower Gills Creek-Congaree River
11/13/2019	Litter		030501100203	Lower Gills Creek-Congaree River
11/13/2019	Litter		030501100203	Lower Gills Creek-Congaree River
11/13/2019	Wildlife	plenty of birds	030501100203	Lower Gills Creek-Congaree River
11/13/2019	Wildlife	great birding	030501100203	Lower Gills Creek-Congaree River
11/13/2019	Wildlife	birds	030501100203	Lower Gills Creek-Congaree River
11/13/2019	Wildlife	bird	030501100203	Lower Gills Creek-Congaree River
11/13/2019	Wildlife	birds	030501100203	Lower Gills Creek-Congaree River
11/14/2019	Construction Sites	Columbia trunk sewer project	030501100203	Lower Gills Creek-Congaree River
11/14/2019	Construction Sites	Columbia trunk sewer project	030501100203	Lower Gills Creek-Congaree River
11/14/2019	Construction Sites	car wash	030501100203	Lower Gills Creek-Congaree River
11/15/2019	Litter		030501100203	Lower Gills Creek-Congaree River
11/15/2019	Recreation		030501100203	Lower Gills Creek-Congaree River
11/15/2019	Sediment	From culvert under Dalloz Rd and storm sewers along side roads	030501100203	Lower Gills Creek-Congaree River
11/16/2019	Wildlife	heron rookery, egrets, turtles and other herps	030501100203	Lower Gills Creek-Congaree River
11/16/2019	Litter	Serious dumping problem where homes were abandoned or removed after flood	030501100203	Lower Gills Creek-Congaree River
11/16/2019	Litter	Where the rr crosses Beltline there's a bad problem, due to convenience store and rough road bouncing things out of pick up trucks, etc.	030501100203	Lower Gills Creek-Congaree River
11/16/2019	Recreation	Lots of subsistence fishing here, with associated litter	030501100203	Lower Gills Creek-Congaree River
11/16/2019	Dog walking	Lots of dog walking, because it seems "ownerless" not always picked up	030501100203	Lower Gills Creek-Congaree River
11/16/2019	Recreation	residents use boats, may swim	030501100203	Lower Gills Creek-Congaree River
11/17/2019	Sediment	Drains on both sides routinely clog	030501100203	Lower Gills Creek-Congaree River
11/17/2019	Litter	Traffic island rarely maintained. Lots of litter. Two drains clogged often	030501100203	Lower Gills Creek-Congaree River
11/17/2019	Sediment	Low spot. Lots of sediment	030501100203	Lower Gills Creek-Congaree River
11/17/2019	Sediment		030501100203	Lower Gills Creek-Congaree River
11/17/2019	Sediment		030501100203	Lower Gills Creek-Congaree River
11/17/2019	Dog walking		030501100203	Lower Gills Creek-Congaree River
11/17/2019	Dog walking		030501100203	Lower Gills Creek-Congaree River
11/17/2019	Dog walking		030501100203	Lower Gills Creek-Congaree River
11/21/2019	Broken Sewer Lines		030501100203	Lower Gills Creek-Congaree River
11/25/2019	Broken Sewer Lines	Every year this spot in the road starts leaking water, someone comes and performs a quick fix, and it returns	030501100203	Lower Gills Creek-Congaree River
12/3/2019	Sediment	Before and after the power line easement.	030501100203	Lower Gills Creek-Congaree River
12/3/2019	Sediment	Before and after the power line easement.	030501100203	Lower Gills Creek-Congaree River
12/3/2019	Sediment	Before and after power line easement.	030501100203	Lower Gills Creek-Congaree River
12/3/2019	Sediment	Before and after power line easement.	030501100203	Lower Gills Creek-Congaree River
12/3/2019	Industrial/Commercial Pollution Sources	Containment ponds - spill into floodplain during big storm events.	030501100203	Lower Gills Creek-Congaree River
12/3/2019	Industrial/Commercial Pollution Sources	Gills Creek STP. Overflows into floodplain during major storm events.	030501100203	Lower Gills Creek-Congaree River

12/3/2019	Sediment	Bank erosion at 5-way dirt road junction	030501100203	Lower Gills Creek-Congaree River
12/3/2019	Sediment	Before and after cleared field behind Cricket Plaza.	030501100203	Lower Gills Creek-Congaree River
12/3/2019	Sediment	Before and after cleared field behind Cricket Plaza.	030501100203	Lower Gills Creek-Congaree River
12/3/2019	Sediment	Before and after power line easement.	030501100203	Lower Gills Creek-Congaree River
12/3/2019	Sediment	Before and after power line easement. Note: creek altered course after last big flood. Current location shown.	030501100203	Lower Gills Creek-Congaree River
12/3/2019	Wildlife	From here to Congaree: dense wildlife along entire wooded conservation easement, , plus feral sheep, goats, cattle.	030501100203	Lower Gills Creek-Congaree River
12/3/2019	Sediment	Stream bank erosion adjacent to suburban lawns.	030501100203	Lower Gills Creek-Congaree River
12/3/2019	Construction Sites	Massive erosion behind suburban construction.	030501100203	Lower Gills Creek-Congaree River
12/3/2019	Sediment	Stream bank erosion.	030501100203	Lower Gills Creek-Congaree River
12/3/2019	Sediment	Stream bank erosion.	030501100203	Lower Gills Creek-Congaree River
12/3/2019	Sediment	Sed dumps from adjacent lawn runoff.	030501100203	Lower Gills Creek-Congaree River
12/3/2019	Sediment	Sed dumps from adjacent lawn runoff.	030501100203	Lower Gills Creek-Congaree River
12/3/2019	Sediment	Sed dumps from adjacent lawn runoff.	030501100203	Lower Gills Creek-Congaree River
12/3/2019	Sediment	Sed dumps from adjacent lawn runoff.	030501100203	Lower Gills Creek-Congaree River
12/3/2019	Sediment	Sed dumps from adjacent lawn runoff.	030501100203	Lower Gills Creek-Congaree River
12/3/2019	Sediment	Eroding from access road.	030501100203	Lower Gills Creek-Congaree River
12/3/2019	Sediment	Erosion from graded area adjacent to stream bank.	030501100203	Lower Gills Creek-Congaree River
12/3/2019	Sediment	Massive bank erosion around culvert heads - conservation easement not observed.	030501100203	Lower Gills Creek-Congaree River
12/3/2019	Sediment	Massive bank erosion around culvert heads - conservation easement not observed.	030501100203	Lower Gills Creek-Congaree River
12/3/2019	Construction Sites	Stream re-routed under new parking lot. Erosion at culvert outlet - stream buffer not maintained.	030501100203	Lower Gills Creek-Congaree River
12/3/2019	Sediment	All culvert entrances/exist eroded; stream buffer planting not observed.	030501100203	Lower Gills Creek-Congaree River
12/3/2019	Sediment	All culvert entrances/exist eroded; stream buffer planting not observed.	030501100203	Lower Gills Creek-Congaree River
12/3/2019	Sediment	All culvert entrances/exist eroded; stream buffer planting not observed.	030501100203	Lower Gills Creek-Congaree River
12/3/2019	Sediment	All culvert entrances/exist eroded; stream buffer planting not observed.	030501100203	Lower Gills Creek-Congaree River
12/3/2019	Sediment	Lake no longer extant after dam burst. Lakebed not re-canalized; channel clogged with sediment. Creek reemerges from groundwater in debris field, carries sediment.	030501100203	Lower Gills Creek-Congaree River
12/3/2019	Construction Sites	Holiday Inn Express parking and outbuildings have obliterated Wildcat Creek headwaters.	030501100203	Lower Gills Creek-Congaree River
12/3/2019	Construction Sites	Headwaters diverted to a now heavily sedimented stormwater retention pond.	030501100203	Lower Gills Creek-Congaree River
12/3/2019	Sediment	Creek bed now mostly infilled.	030501100203	Lower Gills Creek-Congaree River
12/3/2019	Construction Sites	Creek canalized into concrete channel entering culvert under parking lot.	030501100203	Lower Gills Creek-Congaree River
12/5/2019	Sediment	Stream bank burst/erosion at intersection with unitlity easement.	030501100203	Lower Gills Creek-Congaree River
12/5/2019	Sediment	Stream bank erosion from Carolina Gardens.	030501100203	Lower Gills Creek-Congaree River
12/5/2019	Sediment	MAssive, braided, eroded stream bed along utility easement constructed w/o respect for stream buffers, Beltline to Brentwood.	030501100203	Lower Gills Creek-Congaree River
12/5/2019	Sediment	MAssive, braided, eroded stream bed along utility easement constructed w/o respect for stream buffers, Beltline to Brentwood.	030501100203	Lower Gills Creek-Congaree River
12/5/2019	Construction Sites	Erosion from what looks like a construction tip or pad related to south-of-Beltline development not depicted on this map.	030501100203	Lower Gills Creek-Congaree River
12/5/2019	Sediment	Possibly incoming from eightmile branch.	030501100203	Lower Gills Creek-Congaree River
12/5/2019	Construction Sites	Erosion behind new home construction - second (new) house from the corner.	030501100203	Lower Gills Creek-Congaree River
12/5/2019	Sediment	(Stream plot incorrect) roadside erosion into outflow culvert.	030501100203	Lower Gills Creek-Congaree River
12/5/2019	Construction Sites	From here to Forest Trace Dr., Eightmile Branch effectively no longer exists, due to suburban infill construction, both residential and commercial. Headwaters rerouted to a forest patch northeast ofHeyward Career and tech center.	030501100203	Lower Gills Creek-Congaree River
12/5/2019	Construction Sites	From here NW to Connors St., Eightmile Branch effectively no longer exists, due to suburban infill construction, both residential and commercial. Headwaters rerouted to a forest patch northeast of Heyward Career and tech center.	030501100203	Lower Gills Creek-Congaree River
12/10/2019	Broken Sewer Lines		030501100203	Lower Gills Creek-Congaree River
12/10/2019	Wildlife	Opportunity for culvert replacement to improve fish passage	030501100203	Lower Gills Creek-Congaree River
12/10/2019	Litter	Lots of trash	030501100203	Lower Gills Creek-Congaree River
12/10/2019	Sediment		030501100203	Lower Gills Creek-Congaree River
12/10/2019	Industrial/Commercial Pollution Sources	Abandoned Inertape Polymer & Cardinal Chemical Sites	030501100203	Lower Gills Creek-Congaree River
12/10/2019	Industrial/Commercial Pollution Sources		030501100203	Lower Gills Creek-Congaree River
12/10/2019	Industrial/Commercial Pollution Sources		030501100203	Lower Gills Creek-Congaree River

12/10/2019	Dog walking		030501100203	Lower Gills Creek-Congaree River
12/10/2019	Sediment		030501100203	Lower Gills Creek-Congaree River
12/10/2019	Sediment		030501100203	Lower Gills Creek-Congaree River
12/10/2019	Recreation		030501100203	Lower Gills Creek-Congaree River
12/10/2019	Recreation		030501100203	Lower Gills Creek-Congaree River
12/10/2019	Construction Sites		030501100203	Lower Gills Creek-Congaree River
12/12/2019	Sediment	Sediment from sanitary sewer project and feeder stream	030501100203	Lower Gills Creek-Congaree River
12/12/2019	Litter		030501100203	Lower Gills Creek-Congaree River
12/12/2019	Litter		030501100203	Lower Gills Creek-Congaree River
12/12/2019	Litter		030501100203	Lower Gills Creek-Congaree River
12/12/2019	Litter		030501100203	Lower Gills Creek-Congaree River
12/12/2019	Sediment	construction site poorly fenced	030501100203	Lower Gills Creek-Congaree River
12/12/2019	Wildlife	deer, birds, turtles	030501100203	Lower Gills Creek-Congaree River
12/12/2019	Wildlife	birds, turtles, fish	030501100203	Lower Gills Creek-Congaree River
12/12/2019	Recreation	fishermen	030501100203	Lower Gills Creek-Congaree River
12/12/2019	Recreation	fishermen	030501100203	Lower Gills Creek-Congaree River
12/12/2019	Recreation	birds	030501100203	Lower Gills Creek-Congaree River
12/12/2019	Wildlife	all kinds of birds, frog, turtles, etc	030501100203	Lower Gills Creek-Congaree River
12/12/2019	Litter		030501100203	Lower Gills Creek-Congaree River
12/12/2019	Litter		030501100203	Lower Gills Creek-Congaree River
12/12/2019	Litter		030501100203	Lower Gills Creek-Congaree River
12/12/2019	Litter		030501100203	Lower Gills Creek-Congaree River
12/12/2019	Litter		030501100203	Lower Gills Creek-Congaree River
12/12/2019	Litter		030501100203	Lower Gills Creek-Congaree River
12/12/2019	Litter		030501100203	Lower Gills Creek-Congaree River
12/12/2019	Litter		030501100203	Lower Gills Creek-Congaree River
12/12/2019	Sediment		030501100203	Lower Gills Creek-Congaree River
12/12/2019	Litter		030501100203	Lower Gills Creek-Congaree River
12/12/2019	Litter		030501100203	Lower Gills Creek-Congaree River
12/12/2019	Litter		030501100203	Lower Gills Creek-Congaree River
12/12/2019	Wildlife		030501100203	Lower Gills Creek-Congaree River
12/12/2019	Wildlife		030501100203	Lower Gills Creek-Congaree River
12/12/2019	Wildlife	turtles, fish, birds	030501100203	Lower Gills Creek-Congaree River
1/7/2020 19:28	Sediment	Richland County Storm Drain Pipes	30501100201	Jackson Creek-Gills Creek
1/7/2020 19:29	Litter	Litter coming from Decker area and Richland Drain Pipes	30501100201	Jackson Creek-Gills Creek
1/7/2020 19:29	Litter	Litter coming from Decker area and County Drain pipes	30501100201	Jackson Creek-Gills Creek
1/7/2020 19:30	Litter	Litter from Decker and County Drain pipes	30501100201	Jackson Creek-Gills Creek
1/7/2020 19:31	Litter	Litter coming from Decker area and Drain Pipes	30501100201	Jackson Creek-Gills Creek
1/7/2020 19:32	Industrial/Commercial Pollution Sources	General Decker, Red Lobster area	30501100201	Jackson Creek-Gills Creek
1/7/2020 19:33	Industrial/Commercial Pollution Sources	From Richland County Drain Pipes	30501100201	Jackson Creek-Gills Creek
1/7/2020 19:34	Sediment	Silt from drain pipes	30501100201	Jackson Creek-Gills Creek
1/7/2020 19:34	Litter	Coming from Decker area & drain pipes	30501100201	Jackson Creek-Gills Creek
1/7/2020 19:36	Litter	Litter from Decker & County Drain Pipes	30501100201	Jackson Creek-Gills Creek
1/7/2020 19:37	Litter	From Decker and County Drain pipes	30501100201	Jackson Creek-Gills Creek
1/7/2020 19:39	Wildlife	Wildlife	30501100201	Jackson Creek-Gills Creek
1/7/2020 19:39	Wildlife	Wildlife	30501100201	Jackson Creek-Gills Creek
1/17/2020 15:15	Wildlife	Many box turtles just upland from wetland adjacent The Blvd	30501100203	Lower Gills Creek-Congaree River
1/17/2020 15:17	Litter	Tires in stream along 6A onramp	30501100203	Lower Gills Creek-Congaree River
1/17/2020 15:22	Wildlife	Many deer tracks under bridge	30501100203	Lower Gills Creek-Congaree River
1/17/2020 15:23	Wildlife	Many deer tracks under bridge	30501100203	Lower Gills Creek-Congaree River
1/17/2020 15:26	Wildlife	Many deer prints	30501100203	Lower Gills Creek-Congaree River
1/17/2020 15:28	Wildlife	Deer prints, coyote scat	30501100203	Lower Gills Creek-Congaree River
1/17/2020 15:32	Litter	Litter and erosion of stream bed and bank	30501100203	Lower Gills Creek-Congaree River
1/17/2020 15:41	Litter	trash in floodplain	30501100203	Lower Gills Creek-Congaree River
1/17/2020 16:10	Sediment	Sediment from pipes	30501100203	Lower Gills Creek-Congaree River
1/17/2020 16:11	Sediment	<Null>	30501100203	Lower Gills Creek-Congaree River

Appendix C – WTM Model Procedure and Output Summaries

Watershed Treatment Model (WTM) Procedure for Gills Creek Watershed

1. Sources Tab: Inputs

a. **Watershed Data**: watershed area (acres), annual rainfall (in), and stream length (miles)
b. **Primary Sources**: Runoff (inches/year) and pollutant loading rates (lb/yr) for Total Nitrogen (TN), Total Phosphorus (TP), Total Suspended Solids (TSS), and bacteria (billions/yr) are attributed to specific land uses. The land uses were derived from the 2016 National Land Cover Database (NLCD2016) and available zoning data from the City of Columbia and the Central Midlands Council of Governments:
   i. Residential Low Density (<1 du/acre)
   ii. Residential Low Density (1-4 du/acre)
   iii. Residential Low Density (>5 du/acre)
   iv. Commercial
   v. Roadway
   vi. Industrial
   vii. Forest
   viii. Rural
   ix. Open Water
c. **Soils Data**: obtained from the USDA Natural Resources Conservation Service Web Soil Survey https://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm
   i. Hydrologic Soil Group (Percent of A, B, C, D in watershed)
   ii. Depth to Water Table
d. **General Sewage Use Data**:
   i. Dwelling units calculated by taking census population data and assigning 2.7 individuals per dwelling unit
e. **Nutrient Concentration in Streams**: estimates nutrient in channel erosion
   i. Soil P% and TN% from Figure 4.1 and 4.2 in WTM 2013 Documentation (Caraco, 2013)
f. **On-Site Sewage Disposal Systems (OSDS)**:
   i. Unswered Dwelling units (for HUC-10 watershed) based on estimate of potential 1,800 unconnected residential customers in East Richland Public Service district (per discussion with E. Richland PSD); exact locations of unsewered dwellings is not known at this time.
   ii. Failure Rate: assumed 10%
g. **Sanitary Sewer Overflows (SSOs)**: based on miles of sanitary sewer in the watershed. Information obtained from East Richland PSD and City of Columbia.
h. **Urband Channel Erosion**:
   i. Method 1: estimate based on typical estimates of channel erosion rates
   ii. Condition: Moderate = 50% of the watershed sediment load. Channels show signs of degradation, with some areas of severe channel erosion

2. Existing Practices

a. **Turf Condition and Management Practices – Residential**
   i. Based off residential land areas
   ii. Estimated fertilizer rate: 150 lb TN/acre

b. **Turf Condition and Management Practices – Other**
   i. Assumed commercial, roadway, and industrial land uses were same as residential

c. **Riparian Buffers:**
   i. Maintenance factor = 0.9 (specific ordinance with enforcement and education)
   ii. Buffer length = miles of streams
   iii. Buffer width = 50 ft (based on ordinance)

3. Future Practices

a. **Residential Lawn Care Education:**
   i. Awareness of Message factor = 40% (Selected Television Media type, which is highest available credit in WTM given for media type)
   ii. Goals of program:
      1. Reduce fertilizer to recommended levels
      2. Switch to non-phosphorus fertilizer
      3. Change to organic fertilizer
      4. Add soil amendments to lawn
      5. Convert 25% of lawn to forest or native vegetation
      6. No fertilizer

b. **Pet Waste Education:**
   i. Awareness of Message factor = 40% (Selected Television Media type, which is highest available credit in WTM given for media type)

c. **Street Sweeping:**
   i. Proposed technique factor = 0.5 for no parking restrictions or operator training
   ii. Sweeper type = mechanical
   iii. Area = half of residential and commercial land uses
   iv. Frequency = monthly

d. **Catch Basin Cleanouts:**
   i. Proposed monthly cleaning of half of residential and commercial land uses

e. **Stormwater Retrofits:**
   i. Water quality volume: 1”
   ii. Design factor: 100% (specific, enforceable design standards)
   iii. Maintenance factor: 90% (specific, enforceable maintenance)
   iv. Assumed C soils, 3-5 feet depth to groundwater
   v. Selected individual practice type, drainage area (captured), and % impervious surfaces in drainage area; data was summarized for each individual practice in Appendix D.

f. **Stream Retrofits**: identified from Stakeholder inputs for stream and shoreline projects
   i. Method 1: estimate based on miles of stream stabilized

g. **SSO Repair/Abatement**:
   i. Goal: 100% reduction
   ii. Fraction Complete: 25%

h. **OSDS Education**:
   i. Awareness of Message: 40%
   ii. Fraction willing to change behavior: 25%

i. **Conservation Projects**: *not specific WTM project Type*
    i. Non-floodplain (land conservation): benefit calculated from difference between load in natural state (forested) and developed state (based on zoning)
    ii. Floodplain projects: modeled as benefit of riparian buffer for the measured length and width of area

4. **New Development**
    a. Table filled out for net change in each land use category based on Richland County Future Land Use (FLU) from Comprehensive Plan. Gains (+) and losses (-). Roadways were assumed to remain the same. Calculated for overall HUC-10 watershed for planning purposes.
5. **Results:**
    a. Organized separately in "WTM Summaries" spreadsheet for HUC-10 and HUC-12 watersheds
        i. Total Existing Load = Primary Source Load + Secondary Source Load
        ii. Project Reduction = sum of load reductions from
            1. Stormwater retrofits (GR, LID, UD, WET, WP)
            2. Shoreline & Strem restoration (SH, SR)
            3. Conservation and Floodplain Conservation (CP, FP)
        iii. Practices Reduction = sum of load reductions from
            1. Riparian buffer
            2. Residential lawn care education
            3. Pet waste education
            4. Street sweeping
            5. Catch basin cleanouts
            6. SSO repair/abatement
            7. OSDS education
        iv. New Load = Existing Load – (Project Reductions) – (Practice Reductions)

01 Jackson Creek-Gills Creek

	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion/yr)	Runoff Volume (ac-ft)			
Primary Sources:								
LDR	25,953.30	3,831.20	605,577.01	1,126,502.30	4,557.05			
MDR	6,409.82	946.21	149,562.40	278,217.94	1,125.48			
HDR	1,188.20	175.40	27,724.63	51,573.72	208.63			
Commercial	25,439.78	2,665.12	520,909.79	1,104,212.97	4,466.88			
Roadway	9,963.57	1,083.00	580,486.08	394,862.41	1,597.34			
Industrial	-	-	-	-	-			
Forest	7,182.50	574.60	287,300.00	34,476.00	375.18			
Rural	3,210.80	488.60	69,800.00	27,222.00	91.15			
Open Water	4,377.60	171.00	53,010.00	-	-			
Total:	83,725.56	9,935.13	2,294,369.91	3,017,067.34	12,421.71			
Secondary Sources:								
SSOs	1,139.30	189.88	7,595.30	862,066.80	-			
Channel Erosion	2,258.70	1,806.93	2,258,659.91	-	-			
Total:	3,398.00	1,996.81	2,266,255.21	862,066.80	-			
Total Existing Load:	**87,123.56**	**11,931.94**	**4,560,625.13**	**3,879,134.14**	**12,421.71**			
Future Practices:								
50' riparian buffer	3,948.86	788.91	95,604.69	149,951.26	606.60	stream length	40.00	miles
Residential Lawn Care (40% awareness)	768.42	284.33	-	-	-	dwelling units	11,432.00	#
Pet Waste Education (40% awareness)	1,474.12	192.28	-	12,818.47	-	dwelling units	11,432.00	#
Street Sweeping (50% of roadways, mechanical)	457.95	64.81	13,954.99	-	-	roadway area	293.00	acres
catch basin cleanouts (50% of developed areas, monthly)	11,919.67	1,295.62	1,157,417.15	-	-	developed areas	3,912.50	acres
SSO repair/abatement (goal: 25%)	569.65	94.94	3,797.65	431,033.40	-	sanitary sewer length	181.00	miles
Stormwater Retrofit Projects:	6,941.0	1,792.6	597,813.6	284,139.6	1,779.6			
New Load:	**61,043.89**	**7,418.47**	**2,692,037.07**	**3,001,191.42**	**10,035.46**			

03 Lower Gills Creek

	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion/yr)	Runoff Volume (ac-ft)
Primary Sources:					
LDR	48,489.32	7,157.95	1,131,417.39	2,104,677.46	8514.07
MDR	13,285.75	1,961.23	310,000.87	576,667.68	2332.80
HDR	5,102.09	753.17	119,048.67	221,455.89	895.86
Commercial	23,123.46	2,422.46	473,480.29	1,003,672.98	4060.17
Roadway	16,730.94	1,818.58	974,758.89	663,057.49	2682.27
Industrial	3,939.53	447.67	145,046.24	163,222.58	660.29
Forest	10,234.50	818.76	409,380.00	49,125.60	592.13
Rural	11,536.80	1,755.60	250,800.00	97,812.00	362.76
Open Water	4,157.44	162.40	50,344.00	-	-
Total:	136,599.8	17,297.8	3,864,276.3	4,879,691.7	20,100.3
Secondary Sources:					
SSOs	1,882.0	313.7	12,546.9	1,424,077.2	-
Channel Erosion	3,798.3	3,038.6	3,798,258.3	-	-
Total:	5,680.3	3,352.3	3,810,805.3	1,424,077.2	-
Total Existing Load:	**142,280.1**	**20,650.1**	**7,675,081.6**	**6,303,768.9**	**20,100.3**

Future Practices:

	TN	TP	TSS	Bacteria	Runoff Volume			
50' riparian buffer	6,301.34	1,347.60	160,258.51	240,495.78	972.8793518	stream length	62.00	miles
Residential Lawn Care (40% awareness)	1,432.06	529.88	-	-	0	dwelling units	23,237.00	#
Pet Waste Education (40% awareness)	2,996.35	390.83	-	26,055.18	0	dwelling units	23,237.00	#
Street Sweeping (50% of roadways, mechanical)	654.91	96.68	19,101.54	-	0	roadway area	490.50	acres
catch basin cleanouts (50% of developed areas, monthly)	20,253.54	2,201.47	1,966,647.71	-	0	developed areas	6,647.95	acres
SSO repair/abatement (goal: 25%)	470.51	78.42	3,136.73	356,019.30	0	sanitary sewer length	299.00	miles
Stormwater Retrofit Projects:	13,179.33	3,589.01	608,448.95	681,050.50	882.8912794			
New Load:	**96,992.08**	**12,416.21**	**4,917,488.18**	**5,000,148.13**	**18,244.56**			

02 Upper Gills Creek

	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion/yr)	Runoff Volume (ac-ft)			
Primary Sources:								
LDR	12,899.4	1,904.2	300,985.2	559,896.6	2,265.0			
MDR	3,368.6	497.3	78,601.2	146,215.0	591.5			
HDR	846.8	125.0	19,757.7	36,753.6	148.7			
Commercial	3,556.2	372.6	72,818.1	154,358.2	624.4			
Roadway	4,901.0	532.7	285,535.9	194,229.3	785.7			
Industrial	-	-	-	-	-			
Forest	20,390.0	1,631.2	815,600.0	97,872.0	1,034.3			
Rural	10,162.8	1,546.5	220,930.0	86,162.7	280.2			
Open Water	1,236.5	48.3	14,973.0	-	-			
Total:	57,361.2	6,657.7	1,809,201.1	1,275,487.4	5,729.8			
Secondary Sources:								
SSOs	465.8	77.6	3,105.3	352,447.2	-			
Channel Erosion	1,705.5	1,364.4	1,705,548.1	-	-			
Total:	2,171.3	1,442.1	1,708,653.4	352,447.2	-			
Total Existing Load:	**59,532.6**	**8,099.8**	**3,517,854.5**	**1,627,934.6**	**5,729.8**			
Future Practices:								
50' riparian buffer	4,612.91	1,037.53	116,393.72	167,663.39	678.25	stream length	41.00	miles
Residential Lawn Care (40% awareness)	394.40	145.93	-	-	-	dwelling units	6,391.00	#
Pet Waste Education (40% awareness)	824.10	107.49	-	7,166.10	-	dwelling units	6,391.00	#
Street Sweeping (50% of roadways, mechanical)	193.60	28.58	5,646.73	-	-	roadway area	293.00	acres
catch basin cleanouts (50% of developed areas, monthly)	5,125.84	557.16	497,726.35	-	-	developed areas	3,912.50	acres
SSO repair/abatement (goal: 25%)	116.45	19.41	776.32	88,111.80	-	sanitary sewer length	73.00	miles
Stormwater Retrofit Projects:	160.2	33.4	10,046.7	5,589.6	16.4			
New Load:	**48,105.07**	**6,170.31**	**2,887,264.66**	**1,359,403.66**	**5,035.11**			

Gills Creek HUC-10 existing conditions

	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion/yr)	Runoff Volume (ac-ft)			
Primary Sources:								
LDR	87,621.85	12,934.65	2,044,509.78	3,803,223.90	15385.20996			
MDR	23,135.85	3,415.29	539,836.61	1,004,211.15	4062.342822			
HDR	7,148.54	1,055.26	166,799.29	310,282.22	1255.186979			
Commercial	52,181.56	5,466.64	1,068,479.49	2,264,939.04	9162.374742			
Roadway	31,640.56	3,439.19	1,843,406.50	1,253,935.21	5072.553438			
Industrial	3,918.36	445.27	144,266.96	162,345.64	656.7380328			
Forest	37,829.22	3,026.34	1,513,168.68	181,580.24	2090.113415			
Rural	24,953.23	3,797.23	542,461.51	211,559.99	749.2925885			
Open Water	9,765.68	381.47	118,256.23	-	-			
Total:	278,195	33,961	7,981,185	9,192,077	38,434			
Secondary Sources:								
OSDS	2,831.0	471.8	18,873.1	4,283.7	-			
SSOs	3,484.0	580.7	23,226.5	2,636,209.8	-			
Channel Erosion	7,775.6	6,220.5	7,775,622.0	-	-			
Total:	14,090.6	7,273.0	7,817,721.7	2,640,493.5	-			
Total Existing Load:	**292,285**	**41,234**	**15,798,907**	**11,832,571**	**38,434**			
Future Practices:								
50' riparian buffer	14,538	3,061	363,440	550,666	2,228	stream length	143.00	miles
Residential Lawn Care (40% awareness)	2,600	962	-	-	-	dwelling units	41,060.00	#
Pet Waste Education (40% awareness)	5,295	691	-	46,040	-	dwelling units	41,060.00	#
Street Sweeping (50% of roadways, mechanical)	1,240	183	36,178	-	-	roadway area	929.00	acres
catch basin cleanouts (50% of developed areas, monthly)	37,357	4,061	3,627,412	-	-	developed areas	12,262.45	acres
SSO repair/abatement (goal: 25%)	871	145	5,807	659,052		sanitary sewer length	553.50	miles
OSDS Education	283	47	1,887	428	-			
Total:	62,184	9,150	4,034,724	1,256,187	2,228			

Gills Creek HUC-10 future conditions

	area pre	area post	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion/yr)	Runoff Volume (ac-ft)
Primary Sources:							
LDR	*16285.98*	*4059.40*	21,839.59	3,206.93	509,617.44	947,992.36	3,836.14
MDR	*3439.49*	*828.48*	5,575.70	820.20	130,030.71	241,884.46	978.30
HDR	*838.87*	*7616.63*	64,893.69	9,596.95	1,514,490.75	2,817,239.19	11,399.56
Commercial	*3634.90*	*15657.81*	224,846.13	23,486.71	4,602,612.88	9,756,537.20	39,470.73
Roadway	*1857.53*	*1857.53*	31,633.81	3,436.44	1,843,398.74	1,253,928.72	5,072.62
Industrial	*324.86*	*1280.80*	15,446.44	1,754.69	568,790.08	640,066.55	2,589.35
Forest	*15131.69*	*11149.31*	27,873.27	2,229.86	1,114,930.68	133,791.68	1,542.32
Rural	*5424.62*	*4487.99*	20,644.73	3,141.59	448,798.51	175,031.42	620.84
Open Water	*762.94*	*762.94*	9,765.68	381.47	118,256.23	-	-
Total:	*47700.89*	*47700.90*	422,519.0	48,054.9	10,850,926.0	15,966,471.6	65,509.85
Secondary Sources:							
OSDS			2,547.87	424.65	16,985.83	3,855.34	-
SSOs			2,612.98	435.50	17,419.89	1,977,157.35	-
Channel Erosion			7,775.62	6,220.50	7,775,622.03	-	-
Total:			12,936.48	7,080.64	7,810,027.75	1,981,012.69	-
Total Future Load:			**435,455.5**	**55,135.5**	**18,660,953.8**	**17,947,484.3**	**65,509.8**
Total Existing Load:			292,285.41	41,234.34	15,798,906.74	11,832,570.89	38,433.81
Difference:			143,170.10	13,901.16	2,862,047.03	6,114,913.37	27,076.03
% increase:			49%	34%	18%	52%	70%

Appendix D – All Potential Projects Overall Ranking

HUC_12	BMP_ID	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion/yr)	RR (ac-ft/ yr)	Cost Estimate	Cost (20 pts)	TSS Removed (20 pts)	Bacteria Removed (20 pts)	Flood Reduction Potential (10 pts)	Watershed Goals (20 pts)	Maintenance Burden (15 pts)	Landowner Cooperation (10 pts)	Permitting Burden (15 pts)	Community Acceptance & Public Visibility (10 pts)	Access (10 points)	TOTAL Score (Out of 150 pts)
030501100203	WP-2	1,353.4	577.4	71,724.1	88,640.1	-	$ 1,925,785	20	20	20	10	20	15	5	10	10	8	**138**
030501100203	WP-10	3,350.5	1,078.4	192,312.1	237,668.7	-	$ 3,010,541	20	20	20	10	20	15	5	10	10	4	**134**
030501100203	WP-12	654.4	279.2	34,680.3	42,859.7	-	$ 931,095	20	15	20	10	20	15	6	10	10	8	**134**
030501100201	WET-9	1,520.0	488.6	58,117.7	78,791.8	-	$ 1,506,995	20	20	20	10	20	15	4	10	10	4	**133**
030501100203	WP-13	227.8	95.6	12,136.8	14,999.3	-	$ 310,365	20	15	20	10	20	15	6	10	10	4	**130**
030501100201	WET-1	380.5	122.3	14,549.4	19,725.0	-	$ 377,266	20	15	20	10	20	15	4	10	10	4	**128**
030501100203	WP-7	114.9	49.0	6,088.3	7,524.3	-	$ 163,459	20	10	15	10	20	15	6	10	10	8	**124**
030501100203	WP-1	139.8	56.8	7,531.1	9,307.3	-	$ 175,717	20	10	15	10	20	15	4	10	10	8	**122**
030501100203	LID-24	469.2	63.5	12,068.3	18,110.6	41.90	$ 5,907,903	15	15	20	5	15	8	8	13	10	10	**119**
030501100203	LID-29	398.9	48.3	10,470.2	15,712.3	36.30	$ 4,732,195	15	15	20	5	15	8	8	13	10	10	**119**
030501100203	WET-6	32.6	10.3	1,247.0	1,761.2	-	$ 50,000	20	10	10	10	20	15	6	10	10	8	**119**
030501100203	WP-11a	19.9	4.9	1,203.6	1,487.4	-	$ 50,000	20	10	10	10	20	15	6	10	10	8	**119**
030501100203	WP-11b	23.6	5.8	1,428.7	1,765.7	-	$ 50,000	20	10	10	10	20	15	6	10	10	8	**119**
030501100201	WP-14	17.9	5.6	1,069.3	1,268.4	-	$ 50,000	20	10	10	10	20	15	6	10	10	8	**119**
030501100201	WP-15	66.9	31.1	3,437.2	4,077.4	-	$ 106,904	20	10	10	10	20	15	6	10	10	8	**119**
030501100203	WP-4	20.4	8.7	1,082.8	1,338.2	-	$ 50,000	20	10	10	10	20	15	6	10	10	8	**119**
030501100201	WET-18	40.4	13.6	1,507.9	2,044.3	-	$ 50,000	20	10	10	10	20	15	4	10	10	8	**117**
030501100201	WP-16	58.2	15.4	3,626.4	4,301.8	-	$ 50,000	20	10	10	10	20	15	4	10	10	8	**117**
030501100201	WP-17	38.3	12.2	2,271.9	2,695.0	-	$ 50,000	20	10	10	10	20	15	4	10	10	8	**117**
030501100201	LID-5	442.6	73.7	11,164.0	16,081.3	37.20	$ 6,270,514	15	15	20	5	15	8	5	13	8	10	**114**
030501100201	WP-19	15.1	3.8	949.7	1,126.6	-	$ 50,000	20	5	10	10	20	15	6	10	10	8	**114**
030501100203	WET-7	20.1	6.3	771.3	1,089.4	-	$ 50,000	20	5	10	10	20	15	5	10	10	8	**113**
030501100203	WP-9	37.3	15.9	1,978.1	2,444.6	-	$ 53,107	20	10	10	10	20	15	4	10	10	4	**113**
030501100203	WET-8a	18.9	3.4	833.9	1,177.8	-	$ 50,000	20	5	10	10	20	15	4	10	10	8	**112**
030501100203	FP-5b	325.3	68.5	8,132.9	12,322.6	49.85	$ 30,100	20	10	20	10	5	12	5	15	5	8	**110**
030501100203	LID-23	223.6	30.3	5,752.0	8,631.9	20.00	$ 2,816,478	15	10	15	5	15	8	8	13	10	10	**109**
030501100203	LID-26	232.4	40.0	5,662.6	8,497.7	19.60	$ 3,614,244	15	10	15	5	15	8	8	13	10	10	**109**
030501100203	LID-28	133.8	20.8	3,341.7	5,014.8	11.60	$ 1,869,695	15	10	15	5	15	8	8	13	10	10	**109**
030501100203	WET-3	8.6	1.7	372.1	525.5	-	$ 50,000	20	5	5	10	20	15	6	10	10	8	**109**
030501100203	WET-5	15.2	4.8	582.7	823.0	-	$ 50,000	20	5	5	10	20	15	6	10	10	8	**109**
030501100201	WP-18	5.0	1.3	316.6	375.5	-	$ 50,000	20	5	5	10	20	15	6	10	10	8	**109**
030501100203	WP-5	5.2	1.7	300.3	371.1	-	$ 50,000	20	5	5	10	20	15	6	10	10	8	**109**
030501100203	WP-6	12.9	5.2	698.9	863.8	-	$ 50,000	20	5	5	10	20	15	6	10	10	8	**109**
030501100203	WP-3	11.5	5.1	597.5	738.5	-	$ 50,000	20	5	5	10	20	15	5	10	10	8	**108**
030501100203	WP-8	18.7	8.0	989.0	1,222.3	-	$ 50,000	20	5	10	10	20	15	4	10	10	4	**108**

HUC_12	BMP_ID	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion/yr)	RR (ac-ft/yr)	Cost Estimate	Cost (20 pts)	TSS Removed (20 pts)	Bacteria Removed (20 pts)	Flood Reduction Potential (10 pts)	Watershed Goals (20 pts)	Maintenance Burden (15 pts)	Landowner Cooperation (10 pts)	Permitting Burden (15 pts)	Community Acceptance & Public Visibility (10 pts)	Access (10 points)	TOTAL Score (Out of 150 pts)
030501100203	WET-8b	6.3	1.1	278.0	392.6	-	$ 50,000	20	5	5	10	20	15	4	10	10	8	**107**
030501100203	LID-46	164.9	22.5	4,233.1	6,352.5	14.70	$ 2,089,670	15	10	15	5	15	8	4	13	10	10	**105**
030501100203	LID-22b	60.4	8.2	1,553.2	2,330.8	5.40	$ 760,595	15	10	10	5	15	8	8	13	10	10	**104**
030501100203	LID-27	39.0	4.7	1,023.2	1,535.5	3.50	$ 462,628	15	10	10	5	15	8	8	13	10	10	**104**
030501100203	LID-44	62.5	7.6	1,641.3	2,463.0	5.70	$ 742,217	15	10	10	5	15	8	8	13	10	10	**104**
030501100201	LID-66b	39.9	4.9	1,087.9	1,567.0	3.60	$ 474,735	15	10	10	5	15	8	8	13	10	10	**104**
030501100203	WET-4	3.1	0.6	136.2	192.4	-	$ 50,000	15	5	5	10	20	15	6	10	10	8	**104**
030501100201	LID-73	139.0	17.2	3,792.1	5,462.4	12.60	$ 1,655,280	15	10	15	5	15	8	4	13	8	10	**103**
030501100201	LID-78	110.7	14.4	2,986.4	4,301.8	9.90	$ 1,344,915	15	10	10	5	15	8	5	13	10	10	**101**
030501100203	UD-1	4.0	1.2	221.9	-	-	$ 380,297	20	5	0	10	20	12	5	13	8	8	**101**
030501100203	UD-10	2.3	0.6	129.2	-	-	$ 204,326	20	5	0	10	20	12	5	13	8	8	**101**
030501100203	UD-11	2.6	0.7	145.5	-	-	$ 230,212	20	5	0	10	20	12	5	13	8	8	**101**
030501100203	UD-12	0.7	0.2	41.5	-	-	$ 65,949	20	5	0	10	20	12	5	13	8	8	**101**
030501100203	UD-13	3.3	0.9	190.3	-	-	$ 300,918	20	5	0	10	20	12	5	13	8	8	**101**
030501100201	UD-18	3.9	1.2	225.0	-	-	$ 372,438	20	5	0	10	20	12	5	13	8	8	**101**
030501100203	UD-2	4.9	1.3	281.9	-	-	$ 446,087	20	5	0	10	20	12	5	13	8	8	**101**
030501100203	UD-3	2.0	0.5	113.8	-	-	$ 179,831	20	5	0	10	20	12	5	13	8	8	**101**
030501100203	UD-4	3.0	0.8	169.7	-	-	$ 268,262	20	5	0	10	20	12	5	13	8	8	**101**
030501100203	UD-5	4.4	1.1	248.5	-	-	$ 392,992	20	5	0	10	20	12	5	13	8	8	**101**
030501100203	UD-6	2.4	0.6	138.3	-	-	$ 218,832	20	5	0	10	20	12	5	13	8	8	**101**
030501100203	UD-7	2.0	0.5	112.2	-	-	$ 177,447	20	5	0	10	20	12	5	13	8	8	**101**
030501100203	UD-8	2.3	0.6	129.2	-	-	$ 204,456	20	5	0	10	20	12	5	13	8	8	**101**
030501100203	UD-9	1.4	0.4	77.8	-	-	$ 123,330	20	5	0	10	20	12	5	13	8	8	**101**
030501100203	LID-45	52.0	7.5	1,321.0	1,982.4	4.60	$ 680,310	15	10	10	5	15	8	4	13	10	10	**100**
030501100201	LID-70	45.2	5.6	1,232.4	1,775.3	4.10	$ 537,966	15	10	10	5	15	8	4	13	10	10	**100**
030501100201	LID-71	66.6	8.2	1,817.9	2,618.6	6.10	$ 793,500	15	10	10	5	15	8	4	13	10	10	**100**
030501100201	LID-72a	92.3	11.4	2,519.4	3,629.1	8.40	$ 1,099,222	15	10	10	5	15	8	4	13	10	10	**100**
030501100201	LID-72b	121.9	15.1	3,327.6	4,793.3	11.10	$ 1,452,758	15	10	10	5	15	8	4	13	10	10	**100**
030501100201	LID-79	51.2	6.3	1,398.4	2,014.3	4.70	$ 610,385	15	10	10	5	15	8	4	13	10	10	**100**
030501100203	UD-14	5.7	1.5	326.4	-	-	$ 516,463	20	5	0	10	20	12	4	13	8	8	**100**
030501100203	UD-16	58.8	26.7	2,931.6	-	-	$ 10,035,135	15	10	0	10	20	12	4	13	8	8	**100**
030501100201	UD-19	4.4	1.2	259.7	-	-	$ 396,992	20	5	0	10	20	12	4	13	8	8	**100**
030501100201	UD-20a	6.1	1.6	358.9	-	-	$ 548,312	20	5	0	10	20	12	4	13	8	8	**100**
030501100201	UD-20b	6.1	1.6	358.9	-	-	$ 548,312	20	5	0	10	20	12	4	13	8	8	**100**
030501100201	UD-20c	8.0	2.1	474.0	-	-	$ 724,185	20	5	0	10	20	12	4	13	8	8	**100**

HUC_12	BMP_ID	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion/yr)	RR (ac-ft/ yr)	Cost Estimate	Cost (20 pts)	TSS Removed (20 pts)	Bacteria Removed (20 pts)	Flood Reduction Potential (10 pts)	Watershed Goals (20 pts)	Maintenance Burden (15 pts)	Landowner Cooperation (10 pts)	Permitting Burden (15 pts)	Community Acceptance & Public Visibility (10 pts)	Access (10 points)	TOTAL Score (Out of 150 pts)
030501100201	UD-21	7.3	2.1	426.6	-	-	$ 448,305	20	5	0	10	20	12	4	13	8	8	**100**
030501100201	UD-22	3.4	0.9	199.8	-	-	$ 305,192	20	5	0	10	20	12	4	13	8	8	**100**
030501100203	LID-22a	34.2	4.6	879.1	1,319.2	3.00	$ 430,607	15	5	10	5	15	8	8	13	10	10	**99**
030501100203	LID-25	28.4	4.4	708.3	1,062.9	2.50	$ 396,221	15	5	10	5	15	8	8	13	10	10	**99**
030501100203	LID-34	31.8	4.3	817.8	1,227.2	2.80	$ 400,660	15	5	10	5	15	8	8	13	10	10	**99**
030501100203	LID-35	31.6	3.8	828.6	1,243.5	2.90	$ 374,576	15	5	10	5	15	8	8	13	10	10	**99**
030501100203	LID-37	35.5	4.3	931.6	1,398.1	3.20	$ 420,808	15	5	10	5	15	8	8	13	10	10	**99**
030501100203	LID-38a	26.5	3.2	695.9	1,044.3	2.40	$ 314,124	15	5	10	5	15	8	8	13	10	10	**99**
030501100203	LID-59	34.9	4.2	915.6	1,374.1	3.20	$ 413,820	15	5	10	5	15	8	8	13	10	10	**99**
030501100201	LID-74b	61.7	12.9	1,430.6	2,060.7	4.80	$ 1,210,424	10	10	10	5	15	8	8	13	10	10	**99**
030501100203	WET-2	66.9	15.8	2,785.8	3,934.7	-	$ 50,000		10	10	10	20	15	5	10	10	8	**98**
030501100203	LID-48	59.4	8.0	1,527.8	2,292.8	5.30	$ 747,993	15	5	10	5	15	8	4	13	10	10	**95**
030501100201	LID-18	74.3	16.1	1,692.1	2,437.5	5.60	$ 1,598,013	10	10	10	5	15	8	5	13	8	10	**94**
030501100201	LID-19	111.4	24.2	2,538.7	3,657.0	8.50	$ 2,398,180	10	10	10	5	15	8	5	13	8	10	**94**
030501100201	LID-1d	13.8	1.7	376.8	542.8	1.30	$ 164,493	15	5	5	5	15	8	8	13	10	10	**94**
030501100203	LID-21	27.6	4.8	667.9	1,002.3	2.30	$ 44,486	10	5	10	5	15	8	8	13	10	10	**94**
030501100203	LID-31	4.6	0.6	121.3	182.1	0.40	$ 54,485	15	5	5	5	15	8	8	13	10	10	**94**
030501100203	LID-33	7.1	1.0	183.8	275.9	0.60	$ 89,716	15	5	5	5	15	8	8	13	10	10	**94**
030501100203	LID-36	9.0	1.4	224.0	336.2	0.80	$ 124,570	15	5	5	5	15	8	8	13	10	10	**94**
030501100203	LID-38b	27.0	4.7	655.7	983.9	2.30	$ 423,601	15	5	5	5	15	8	8	13	10	10	**94**
030501100203	LID-38c	8.8	1.4	217.0	325.7	0.80	$ 126,648	15	5	5	5	15	8	8	13	10	10	**94**
030501100203	LID-38d	23.6	5.5	521.9	783.2	1.80	$ 805,005	15	5	5	5	15	8	8	13	10	10	**94**
030501100203	LID-42	16.4	2.0	430.3	645.8	1.50	$ 194,308	15	5	5	5	15	8	8	13	10	10	**94**
030501100203	LID-43	8.6	1.0	226.6	340.1	0.80	$ 101,930	15	5	5	5	15	8	8	13	10	10	**94**
030501100203	LID-49	13.0	1.8	332.5	198.9	1.20	$ 165,528	15	5	5	5	15	8	8	13	10	10	**94**
030501100203	LID-50	13.4	1.6	352.5	529.0	1.20	$ 159,460	15	5	5	5	15	8	8	13	10	10	**94**
030501100203	LID-52	13.5	1.7	349.4	524.3	1.20	$ 165,676	15	5	5	5	15	8	8	13	10	10	**94**
030501100203	LID-54	6.3	0.8	164.8	247.3	0.60	$ 74,488	15	5	5	5	15	8	8	13	10	10	**94**
030501100203	LID-58a	6.5	1.0	165.7	248.6	0.60	$ 86,902	15	5	5	5	15	8	8	13	10	10	**94**
030501100203	LID-58b	11.2	1.4	293.0	439.7	1.00	$ 132,422	15	5	5	5	15	8	8	13	10	10	**94**
030501100203	LID-58c	5.6	0.8	143.0	214.6	0.50	$ 72,419	15	5	5	5	15	8	8	13	10	10	**94**
030501100203	LID-61a	5.6	0.7	146.5	219.8	0.50	$ 65,929	15	5	5	5	15	8	8	13	10	10	**94**
030501100203	LID-61b	10.0	1.2	263.2	395.0	0.90	$ 118,546	15	5	5	5	15	8	8	13	10	10	**94**
030501100203	LID-63a	12.3	1.5	322.8	484.4	1.10	$ 146,384	15	5	5	5	15	8	8	13	10	10	**94**
030501100203	LID-63b	16.6	2.0	434.9	652.7	1.50	$ 196,565	15	5	5	5	15	8	8	13	10	10	**94**

HUC_12	BMP_ID	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion/yr)	RR (ac-ft/ yr)	Cost Estimate	Cost (20 pts)	TSS Removed (20 pts)	Bacteria Removed (20 pts)	Flood Reduction Potential (10 pts)	Watershed Goals (20 pts)	Maintenance Burden (15 pts)	Landowner Cooperation (10 pts)	Permitting Burden (15 pts)	Community Acceptance & Public Visibility (10 pts)	Access (10 points)	TOTAL Score (Out of 150 pts)
030501100202	LID-66a	11.7	1.4	320.0	460.9	1.10	$ 139,536	15	5	5	5	15	8	8	13	10	10	**94**
030501100201	LID-68a	2.5	0.3	68.7	99.0	0.20	$ 30,002	15	5	5	5	15	8	8	13	10	10	**94**
030501100201	LID-68b	1.4	0.2	37.9	54.6	0.10	$ 16,553	15	5	5	5	15	8	8	13	10	10	**94**
030501100201	LID-68c	2.0	0.2	54.5	78.5	0.20	$ 23,795	15	5	5	5	15	8	8	13	10	10	**94**
030501100201	LID-68d	4.7	0.6	128.0	184.4	0.40	$ 55,866	15	5	5	5	15	8	8	13	10	10	**94**
030501100201	LID-69a	8.5	1.1	232.3	334.6	0.80	$ 101,386	15	5	5	5	15	8	8	13	10	10	**94**
030501100201	LID-69b	6.9	0.9	189.6	273.1	0.60	$ 82,764	15	5	5	5	15	8	8	13	10	10	**94**
030501100201	LID-69c	17.4	2.1	474.0	682.8	1.60	$ 206,910	15	5	5	5	15	8	8	13	10	10	**94**
030501100201	LID-69e	2.8	0.3	75.8	109.2	0.30	$ 33,106	15	5	5	5	15	8	8	13	10	10	**94**
030501100201	LID-69f	3.0	0.4	80.6	116.1	0.30	$ 35,175	15	5	5	5	15	8	8	13	10	10	**94**
030501100201	LID-74a	40.6	8.6	934.5	1,346.1	3.10	$ 827,640	10	5	10	5	15	8	8	13	10	10	**94**
030501100201	LID-75a	8.7	1.1	237.0	341.4	0.80	$ 103,455	15	5	5	5	15	8	8	13	10	10	**94**
030501100201	LID-75b	12.2	1.5	331.8	478.0	1.10	$ 144,837	15	5	5	5	15	8	8	13	10	10	**94**
030501100201	LID-76	24.0	3.0	654.1	942.3	2.20	$ 285,139	15	5	5	5	15	8	8	13	10	10	**94**
030501100201	LID-77a	20.0	2.5	545.1	785.2	1.80	$ 237,947	15	5	5	5	15	8	8	13	10	10	**94**
030501100201	LID-77b	21.7	2.7	592.5	853.5	2.00	$ 258,638	15	5	5	5	15	8	8	13	10	10	**94**
030501100201	LID-82	71.2	14.6	1,660.6	2,392.0	5.50	$ 1,344,915	10	10	10	5	15	8	5	13	8	10	**94**
030501100203	SR-19	3.1	2.5	3,063.1	-	-	$ 89,639	15	10	0	0	20	15	8	5	10	10	**93**
030501100201	FP-11	1,321.7	278.3	33,040.0	50,060.6	202.51	$ 7,660,600	1	15	20	10	5	12	1	15	5	8	**92**
030501100203	FP-5	1,382.7	291.1	34,564.9	52,371.1	211.86	Numerous Parcels Impacted	1	15	20	10	5	12	1	15	5	8	**92**
030501100203	UD-17	8.7	2.3	497.1	-	-	$ 786,258	20	5	0	10	20	12	4	13	8		**92**
030501100203	FP-2	1,748.7	368.2	43,714.4	66,234.0	267.94	$ 11,642,800	1	10	20	10	10	12	1	15	5	7	**91**
030501100203	LID-56	19.1	3.4	459.8	690.0	1.60	$ 310,365	15	5	5	5	15	8	5	13	10	10	**91**
030501100203	FP-5a	14.2	3.0	355.8	539.1	2.18	$ 9,000	20	5	5	10	5	12	5	15	5	8	**90**
030501100203	LID-47	23.4	2.8	613.5	920.6	2.10	$ 277,606	15	5	5	5	15	8	4	13	10	10	**90**
030501100203	LID-51	23.0	3.4	581.2	872.2	2.00	$ 310,365	15	5	5	5	15	8	4	13	10	10	**90**
030501100203	LID-55	4.4	0.8	104.5	156.8	0.40	$ 79,660	15	5	5	5	15	8	4	13	10	10	**90**
030501100203	LID-57	16.8	2.0	441.8	663.0	1.50	$ 199,992	15	5	5	5	15	8	4	13	10	10	**90**
030501100203	LID-60	24.6	3.0	645.5	968.7	2.20	$ 291,232	15	5	5	5	15	8	4	13	10	10	**90**
030501100201	LID-64a	14.2	1.7	386.3	556.5	1.30	$ 168,771	15	5	5	5	15	8	4	13	10	10	**90**
030501100201	LID-64b	17.1	2.1	466.9	672.6	1.60	$ 204,131	15	5	5	5	15	8	4	13	10	10	**90**
030501100201	LID-64c	9.6	1.2	260.7	375.5	0.90	$ 113,801	15	5	5	5	15	8	4	13	10	10	**90**
030501100201	LID-67a	3.7	0.5	101.9	146.8	0.30	$ 44,486	15	5	5	5	15	8	4	13	10	10	**90**
030501100201	LID-67b	1.7	0.2	45.0	64.9	0.10	$ 19,656	15	5	5	5	15	8	4	13	10	10	**90**

HUC_12	BMP_ID	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion/yr)	RR (ac-ft/yr)	Cost Estimate	Cost (20 pts)	TSS Removed (20 pts)	Bacteria Removed (20 pts)	Flood Reduction Potential (10 pts)	Watershed Goals (20 pts)	Maintenance Burden (15 pts)	Landowner Cooperation (10 pts)	Permitting Burden (15 pts)	Community Acceptance & Public Visibility (10 pts)	Access (10 points)	TOTAL Score (Out of 150 pts)
030501100201	LID-17	39.7	8.6	903.6	1,301.6	3.00	$ 853,484	10	5	10	5	15	8	5	13	8	10	**89**
030501100201	LID-1a	7.1	0.9	194.3	279.9	0.60	$ 84,708	10	5	5	5	15	8	8	13	10	10	**89**
030501100201	LID-1b	5.6	0.7	151.7	218.5	0.50	$ 66,211	10	5	5	5	15	8	8	13	10	10	**89**
030501100201	LID-1c	4.7	0.6	128.0	184.4	0.40	$ 55,866	10	5	5	5	15	8	8	13	10	10	**89**
030501100203	LID-20	10.3	2.2	236.9	355.6	0.80	$ 231,730	10	5	5	5	15	8	8	13	10	10	**89**
030501100201	LID-3	103.3	23.5	2,299.2	3,311.9	7.70	$ 2,604,794	5	10	10	5	15	8	5	13	8	10	**89**
030501100203	LID-32	2.1	0.4	47.2	70.9	0.20	$ 48,492	10	5	5	5	15	8	8	13	10	10	**89**
030501100203	LID-38e	17.4	3.5	403.9	606.1	1.40	$ 354,271	10	5	5	5	15	8	8	13	10	10	**89**
030501100201	LID-69d	19.6	4.4	441.8	636.4	1.50	$ 455,202	10	5	5	5	15	8	8	13	10	10	**89**
030501100201	LID-75c	5.6	1.3	125.8	181.2	0.40	$ 134,492	10	5	5	5	15	8	8	13	10	10	**89**
030501100201	LID-83	12.2	2.4	291.9	420.5	1.00	$ 206,910	15	5	5	5	15	8	5	13	8	10	**89**
030501100201	LID-85b	39.5	8.6	900.3	1,296.8	3.00	$ 850,883	10	5	10	5	15	8	5	13	8	10	**89**
030501100203	FP-3	162.7	34.3	4,066.5	6,161.3	24.92	$ 579,600	5	10	15	10	5	12	1	15	5	10	**88**
030501100203	LID-53	15.4	2.5	379.8	569.9	1.30	$ 227,601	15	5	5	5	15	8	4	13	8	10	**88**
030501100203	SR-15	3.1	2.5	3,063.1	-	-	$ 88,543	15	10	0	0	15	15	8	5	10	10	**88**
030501100203	FP-4	325.3	68.5	8,132.9	12,322.6	49.85	$ 7,540,100	1	10	20	10	5	12	1	15	5	8	**87**
030501100203	FP-9	4.9	1.0	122.0	184.8	0.75	$ 17,200	10	5	5	10	5	12	5	15	10	10	**87**
030501100203	UD-15	2.7	0.7	153.7	-	-	$ 243,119	15	5	0	10	20	12	4	13		8	**87**
030501100203	SR-20	3.1	2.5	3,063.1	-	-	$ 128,349	10	10	0	0	20	15	6	5	10	10	**86**
030501100203	LID-62	11.5	1.4	302.2	453.4	1.00	$ 136,816	10	5	5	5	15	8	4	13	10	10	**85**
030501100203	SR-21	1.5	1.2	1,531.5	-	-	$ 52,743	20	10	0	0	15	15	4	5	8	8	**85**
030501100201	FP-14	162.7	34.3	4,066.5	6,161.3	24.92	$ 10,416,600	1	10	15	10	5	12	1	15	7	8	**84**
030501100202	LID-10	11.4	2.5	260.7	375.5	0.90	$ 246,575	10	5	5	5	15	8	5	13	8	10	**84**
030501100202	LID-11	13.3	2.9	302.3	435.4	1	$ 285,349	10	5	5	5	15	8	5	13	8	10	**84**
030501100202	LID-12	13.9	3.0	316.5	455.9	1.1	$ 299,226	10	5	5	5	15	8	5	13	8	10	**84**
030501100202	LID-13	6.2	1.3	140.2	201.9	0.5	$ 132,913	10	5	5	5	15	8	5	13	8	10	**84**
030501100202	LID-14	15.9	3.5	362.5	522.2	1.20	$ 342,138	10	5	5	5	15	8	5	13	8	10	**84**
030501100201	LID-15	12.0	2.6	272.7	392.8	0.90	$ 257,303	10	5	5	5	15	8	5	13	8	10	**84**
030501100201	LID-16	13.5	2.9	307.8	443.3	1.00	$ 290,971	10	5	5	5	15	8	5	13	8	10	**84**
030501100201	LID-2	9.7	2.0	227.4	327.5	0.80	$ 184,081	10	5	5	5	15	8	5	13	8	10	**84**
030501100203	LID-30	23.1	5.1	522.1	783.5	1.80	$ 612,726	5	5	5	5	15	8	8	13	10	10	**84**
030501100202	LID-6	9.2	2.0	210.3	302.9	0.70	$ 198,757	10	5	5	5	15	8	5	13	8	10	**84**
030501100202	LID-7	11.1	2.4	251.9	362.9	0.8	$ 237,564	10	5	5	5	15	8	5	13	8	10	**84**
030501100201	LID-80b	24.2	5.5	540.2	778.1	1.80	$ 600,039	10	5	5	5	15	8	5	13	8	10	**84**
030501100201	LID-80d	5.8	1.3	130.4	187.8	0.40	$ 144,837	10	5	5	5	15	8	5	13	8	10	**84**

HUC_12	BMP_ID	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion/yr)	RR (ac-ft/yr)	Cost Estimate	Cost (20 pts)	TSS Removed (20 pts)	Bacteria Removed (20 pts)	Flood Reduction Potential (10 pts)	Watershed Goals (20 pts)	Maintenance Burden (15 pts)	Landowner Cooperation (10 pts)	Permitting Burden (15 pts)	Community Acceptance & Public Visibility (10 pts)	Access (10 points)	TOTAL Score (Out of 150 pts)
030501100201	LID-80g	26.3	6.0	586.7	845.2	2.00	$ 651,767	10	5	5	5	15	8	5	13	8	10	**84**
030501100201	LID-81	7.2	1.6	164.3	236.6	0.50	$ 155,183	10	5	5	5	15	8	5	13	8	10	**84**
030501100201	LID-84	13.0	2.8	295.7	426.0	1.00	$ 279,329	10	5	5	5	15	8	5	13	8	10	**84**
030501100201	LID-85a	7.3	1.6	165.4	238.2	0.60	$ 156,391	10	5	5	5	15	8	5	13	8	10	**84**
030501100201	LID-85c	5.4	1.2	122.8	176.9	0.40	$ 117,458	10	5	5	5	15	8	5	13	8	10	**84**
030501100202	LID-9	15.0	3.3	342.8	493.8	1.1	$ 323,557	10	5	5	5	15	8	5	13	8	10	**84**
030501100203	SR-16	9.2	7.4	9,189.3	-	-	$ 273,930	5	10	0	0	20	15	8	5	10	10	**83**
030501100203	SR-17	9.2	7.4	9,189.3	-	-	$ 294,902	5	10	0	0	20	15	8	5	10	10	**83**
030501100201	CP-1	553.2	60.8	9,039.0	28,519.5	1,338.01	$ 996,900	1	10	20	0	10	10	1	15	5	10	**82**
030501100201	SH-2	5.7	4.6	5,700.3	-	-	$ 97,400	20	10	0	0	10	15	8	5	10	4	**82**
030501100201	SR-09	11.4	9.1	11,400.6	-	-	$ 165,110	15	15	0	0	15	15	4	5	8	4	**81**
030501100201	SR-11	11.4	9.1	11,400.6	-	-	$ 184,279	15	15	0	0	15	15	4	5	8	4	**81**
030501100201	FP-12	16.3	3.4	406.6	616.1	2.49	$ 164,200	10	5	5	10	5	12	5	15	5	8	**80**
030501100203	FP-6	14.6	3.1	366.0	554.5	2.24	$ 200,000	5	5	5	10	5	12	5	15	8	10	**80**
030501100203	SR-18	3.1	2.5	3,063.1	-	-	$ 139,610	15	10	0	0	15	15	4	5	8	8	**80**
030501100203	SR-22	12.3	9.8	12,252.3	-	-	$ 436,048	5	15	0	0	20	15	4	5	8	8	**80**
030501100201	FP-10	81.3	17.1	2,033.2	3,080.7	12.46	$ 450,400	1	10	10	10	5	12	1	15	5	10	**79**
030501100201	LID-4	10.7	2.4	237.4	342.0	0.80	$ 269,081	5	5	5	5	15	8	5	13	8	10	**79**
030501100201	LID-80a	8.2	1.9	182.6	263.1	0.60	$ 206,910	5	5	5	5	15	8	5	13	8	10	**79**
030501100201	LID-80c	4.5	1.0	100.4	144.7	0.30	$ 113,801	5	5	5	5	15	8	5	13	8	10	**79**
030501100201	LID-80e	4.1	0.9	91.3	131.5	0.30	$ 103,455	5	5	5	5	15	8	5	13	8	10	**79**
030501100201	LID-80f	9.0	2.1	200.9	289.4	0.70	$ 227,601	5	5	5	5	15	8	5	13	8	10	**79**
030501100203	FP-7	17.9	3.8	447.3	677.7	2.74	$ 454,300	1	5	5	10	5	12	5	15	10	10	**78**
030501100201	SH-1	17.1	13.7	17,100.9	-	-	$ 290,400	10	15	0	0	10	15	8	5	10	4	**77**
030501100201	SH-3	17.1	13.7	17,100.9	-	-	$ 355,600	10	15	0	0	10	15	8	5	10	4	**77**
030501100201	SH-4	22.8	18.2	22,801.2	-	-	$ 396,000	10	15	0	0	10	15	8	5	10	4	**77**
030501100201	SR-12	34.2	27.4	34,201.7	-	-	$ 596,397	10	15	0	0	15	15	4	5	8	4	**76**
030501100201	SR-14	17.1	13.7	17,100.9	-	-	$ 292,834	10	15	0	0	15	15	4	5	8	4	**76**
030501100201	SR-23	17.1	13.7	17,100.9	-	-	$ 294,539	10	15	0	0	15	15	4	5	8	4	**76**
030501100201	SR-24	17.1	13.7	17,100.9	-	-	$ 290,544	10	15	0	0	15	15	4	5	8	4	**76**
030501100201	SR-28	11.4	9.1	11,400.6	-	-	$ 219,631	10	15	0	0	15	15	4	5	8	4	**76**
030501100201	SR-29	5.7	4.6	5,700.3	-	-	$ 157,179	15	10	0	0	15	15	4	5	8	4	**76**
030501100201	FP-13	61.0	12.8	1,524.9	2,310.5	9.35	$ 9,664,300	1	5	10	10	5	12	1	15	7	8	**74**
030501100203	FP-8	81.3	17.1	2,033.2	3,080.7	12.46	$ 2,998,800	1	5	10	10	5	12	1	15	5	8	**72**
030501100201	SR-10	91.2	73.0	91,204.6	-	-	$ 1,684,756	1	20	0	0	15	15	4	5	8	4	**72**

HUC_12	BMP_ID	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion/yr)	RR (ac-ft/ yr)	Cost Estimate	Cost (20 pts)	TSS Removed (20 pts)	Bacteria Removed (20 pts)	Flood Reduction Potential (10 pts)	Watershed Goals (20 pts)	Maintenance Burden (15 pts)	Landowner Cooperation (10 pts)	Permitting Burden (15 pts)	Community Acceptance & Public Visibility (10 pts)	Access (10 points)	TOTAL Score (Out of 150 pts)
030501100202	SR-03	2.1	1.6	2,055.4	-	-	$ 123,555	15	10	0	0	15	15	1	5	6	4	**71**
030501100203	SR-07	3.1	2.5	3,063.1	-	-	$ 144,289	15	10	0	0	15	15	1	5	6	4	**71**
030501100201	SR-13	11.4	9.1	11,400.6	-	-	$ 205,855	5	15	0	0	15	15	4	5	8	4	**71**
030501100201	SR-25	17.1	13.7	17,100.9	-	-	$ 361,694	5	15	0	0	15	15	4	5	8	4	**71**
030501100201	SR-26	22.8	18.2	22,801.2	-	-	$ 444,540	5	15	0	0	15	15	4	5	8	4	**71**
030501100201	SR-27	28.5	22.8	28,501.5	-	-	$ 535,030	5	15	0	0	15	15	4	5	8	4	**71**
030501100202	SR-02	4.1	3.3	4,110.8	-	-	$ 202,587	10	10	0	0	15	15	1	5	6	4	**66**
030501100203	SR-04	9.2	7.4	9,189.3	-	-	$ 284,725	10	10	0	0	15	15	1	5	6	4	**66**
030501100203	SR-05	9.2	7.4	9,189.3	-	-	$ 326,867	10	10	0	0	15	15	1	5	6	4	**66**
030501100203	SR-06	6.1	4.9	6,126.2	-	-	$ 234,746	10	10	0	0	15	15	1	5	6	4	**66**
030501100203	SR-08	18.4	14.7	18,378.5	-	-	$ 683,794	1	15	0	0	15	15	1	5	8	4	**64**
030501100202	GR-29	46.3	6.2	1,373.3	1,978.2	8.00	$ 7,361,131	1	10	10	5	15	4	2	8	6	1	**62**
030501100201	SR-01	45.6	36.5	45,602.3	-	-	$ 846,727	1	15	0	0	15	15	1	5	8	1	**61**
030501100203	GR-19	28.2	3.7	804.4	1,207.2	4.90	$ 4,461,742	1	5	10	5	15	4	1	8	6	1	**56**
030501100203	GR-1	1.9	0.3	54.9	82.4	0.30	$ 304,768	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-10	3.6	0.5	102.0	153.1	0.60	$ 570,388	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-11	1.3	0.2	37.3	55.9	0.20	$ 205,704	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-12	8.5	1.1	243.3	365.1	1.50	$ 1,354,691	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-13	21.3	2.8	606.3	909.8	3.70	$ 3,367,269	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-16	4.4	0.6	125.6	188.4	0.80	$ 697,808	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-17	3.9	0.5	109.9	164.9	0.70	$ 606,215	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-18	4.4	0.6	125.6	188.4	0.80	$ 696,400	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-2	1.6	0.2	45.1	67.7	0.30	$ 251,699	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-21	3.6	0.5	104.0	156.1	0.60	$ 577,170	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-24	1.7	0.2	47.1	70.7	0.30	$ 261,360	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-25a	2.8	0.4	80.4	120.7	0.50	$ 448,648	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-25b	2.8	0.4	80.4	120.7	0.50	$ 451,378	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-25c	1.0	0.1	29.4	44.2	0.20	$ 161,677	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-25d	3.0	0.4	84.4	126.6	0.50	$ 472,352	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-27a	2.4	0.3	68.7	103.1	0.40	$ 384,344	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-27b	4.7	0.6	133.4	200.2	0.80	$ 743,202	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-27c	1.9	0.2	53.0	79.5	0.30	$ 299,471	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-27d	1.3	0.2	37.3	55.9	0.20	$ 203,857	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-3	2.2	0.3	62.8	94.2	0.40	$ 349,940	1	5	5	5	15	4	2	8	6	1	**52**
030501100201	GR-30a	2.1	0.3	63.0	90.7	0.40	$ 335,326	1	5	5	5	15	4	2	8	6	1	**52**

HUC_12	BMP_ID	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion/yr)	RR (ac-ft/yr)	Cost Estimate	Cost (20 pts)	TSS Removed (20 pts)	Bacteria Removed (20 pts)	Flood Reduction Potential (10 pts)	Watershed Goals (20 pts)	Maintenance Burden (15 pts)	Landowner Cooperation (10 pts)	Permitting Burden (15 pts)	Community Acceptance & Public Visibility (10 pts)	Access (10 points)	TOTAL Score (Out of 150 pts)
030501100201	GR-30b	1.1	0.1	32.5	46.8	0.20	$ 177,315	1	5	5	5	15	4	2	8	6	1	**52**
030501100201	GR-32	11.4	1.5	339.9	488.7	2.00	$ 1,816,344	1	5	5	5	15	4	2	8	6	1	**52**
030501100201	GR-35a	4.9	0.7	144.2	207.8	0.80	$ 777,139	1	5	5	5	15	4	2	8	6	1	**52**
030501100201	GR-35b	3.8	0.5	113.8	163.9	0.70	$ 604,942	1	5	5	5	15	4	2	8	6	1	**52**
030501100201	GR-36	3.6	0.5	107.7	155.1	0.60	$ 575,600	1	5	5	5	15	4	2	8	6	1	**52**
030501100201	GR-38	10.9	1.5	323.0	465.3	1.90	$ 1,731,510	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-4	7.6	1.0	215.8	323.9	1.30	$ 1,202,980	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-5	3.1	0.4	88.3	132.5	0.50	$ 485,802	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-6	3.0	0.4	84.4	126.6	0.50	$ 467,210	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-7	2.7	0.4	76.5	114.8	0.50	$ 426,272	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-8	7.6	1.0	217.8	326.8	1.30	$ 1,212,268	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-9	3.4	0.4	96.1	144.3	0.60	$ 530,824	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-14	10.3	1.3	292.3	438.7	1.80	$ 1,624,388	1	5	5	5	15	4	1	8	6	1	**51**
030501100203	GR-15	12.7	1.7	361.0	541.8	2.20	$ 1,999,245	1	5	5	5	15	4	1	8	6	1	**51**
030501100203	GR-20	2.2	0.3	62.8	94.2	0.40	$ 353,709	1	5	5	5	15	4	1	8	6	1	**51**
030501100203	GR-22	2.1	0.3	60.8	91.3	0.40	$ 340,769	1	5	5	5	15	4	1	8	6	1	**51**
030501100203	GR-23	12.5	1.6	357.1	535.9	2.20	$ 1,981,980	1	5	5	5	15	4	1	8	6	1	**51**
030501100203	GR-26a	3.3	0.4	94.2	141.3	0.60	$ 520,592	1	5	5	5	15	4	1	8	6	1	**51**
030501100203	GR-26b	1.4	0.2	39.2	58.9	0.20	$ 218,689	1	5	5	5	15	4	1	8	6	1	**51**
030501100203	GR-26c	0.9	0.1	25.5	38.3	0.20	$ 139,229	1	5	5	5	15	4	1	8	6	1	**51**
030501100203	GR-28a	0.9	0.1	25.5	38.3	0.20	$ 142,993	1	5	5	5	15	4	1	8	6	1	**51**
030501100203	GR-28b	0.9	0.1	25.5	38.3	0.20	$ 142,505	1	5	5	5	15	4	1	8	6	1	**51**
030501100201	GR-31	14.3	1.9	424.6	611.6	2.50	$ 2,276,267	1	5	5	5	15	4	1	8	6	1	**51**
030501100201	GR-33a	8.6	1.2	256.0	368.7	1.50	$ 1,367,078	1	5	5	5	15	4	1	8	6	1	**51**
030501100201	GR-33b	13.6	1.8	402.2	579.4	2.30	$ 2,158,577	1	5	5	5	15	4	1	8	6	1	**51**
030501100201	GR-34	15.3	2.1	453.0	652.6	2.60	$ 2,430,309	1	5	5	5	15	4	1	8	6	1	**51**
030501100201	GR-37	6.4	0.9	188.9	272.1	1.10	$ 1,009,092	1	5	5	5	15	4	1	8	6	1	**51**

Appendix E – All Potential Project Rankings by HUC-12

HUC_12	BMP_ID	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion/yr)	RR (ac-ft/ yr)	Cost Estimate	Cost (20 pts)	TSS Removed (20 pts)	Bacteria Removed (20 pts)	Flood Reduction Potential (10 pts)	Watershed Goals (20 pts)	Maintenance Burden (15 pts)	Landowner Cooperation (10 pts)	Permitting Burden (15 pts)	Community Acceptance & Public Visibility (10 pts)	Access (10 points)	TOTAL Score (Out of 150 pts)
030501100201	WET-9	1,520.0	488.6	58,117.7	78,791.8	-	$ 1,506,995	20	20	20	10	20	15	4	10	10	4	**133**
030501100201	WET-1	380.5	122.3	14,549.4	19,725.0	-	$ 377,266	20	15	20	10	20	15	4	10	10	4	**128**
030501100201	WP-14	17.9	5.6	1,069.3	1,268.4	-	$ 50,000	20	10	10	10	20	15	6	10	10	8	**119**
030501100201	WP-15	66.9	31.1	3,437.2	4,077.4	-	$ 106,904	20	10	10	10	20	15	6	10	10	8	**119**
030501100201	WET-18	40.4	13.6	1,507.9	2,044.3	-	$ 50,000	20	10	10	10	20	15	4	10	10	8	**117**
030501100201	WP-16	58.2	15.4	3,626.4	4,301.8	-	$ 50,000	20	10	10	10	20	15	4	10	10	8	**117**
030501100201	WP-17	38.3	12.2	2,271.9	2,695.0	-	$ 50,000	20	10	10	10	20	15	4	10	10	8	**117**
030501100201	LID-5	442.6	73.7	11,164.0	16,081.3	37.20	$ 6,270,514	15	15	20	5	15	8	5	13	8	10	**114**
030501100201	WP-19	15.1	3.8	949.7	1,126.6	-	$ 50,000	20	5	10	10	20	15	6	10	10	8	**114**
030501100201	WP-18	5.0	1.3	316.6	375.5	-	$ 50,000	20	5	5	10	20	15	6	10	10	8	**109**
030501100201	LID-66b	39.9	4.9	1,087.9	1,567.0	3.60	$ 474,735	15	10	10	5	15	8	8	13	10	10	**104**
030501100201	LID-73	139.0	17.2	3,792.1	5,462.4	12.60	$ 1,655,280	15	10	15	5	15	8	4	13	8	10	**103**
030501100201	LID-78	110.7	14.4	2,986.4	4,301.8	9.90	$ 1,344,915	15	10	10	5	15	8	5	13	10	10	**101**
030501100201	UD-18	3.9	1.2	225.0	-	-	$ 372,438	20	5	0	10	20	12	5	13	8	8	**101**
030501100201	LID-70	45.2	5.6	1,232.4	1,775.3	4.10	$ 537,966	15	10	10	5	15	8	4	13	10	10	**100**
030501100201	LID-71	66.6	8.2	1,817.9	2,618.6	6.10	$ 793,500	15	10	10	5	15	8	4	13	10	10	**100**
030501100201	LID-72a	92.3	11.4	2,519.4	3,629.1	8.40	$ 1,099,222	15	10	10	5	15	8	4	13	10	10	**100**
030501100201	LID-72b	121.9	15.1	3,327.6	4,793.3	11.10	$ 1,452,758	15	10	10	5	15	8	4	13	10	10	**100**
030501100201	LID-79	51.2	6.3	1,398.4	2,014.3	4.70	$ 610,385	15	10	10	5	15	8	4	13	10	10	**100**
030501100201	UD-19	4.4	1.2	259.7	-	-	$ 396,992	20	5	0	10	20	12	4	13	8	8	**100**
030501100201	UD-20a	6.1	1.6	358.9	-	-	$ 548,312	20	5	0	10	20	12	4	13	8	8	**100**
030501100201	UD-20b	6.1	1.6	358.9	-	-	$ 548,312	20	5	0	10	20	12	4	13	8	8	**100**
030501100201	UD-20c	8.0	2.1	474.0	-	-	$ 724,185	20	5	0	10	20	12	4	13	8	8	**100**
030501100201	UD-21	7.3	2.1	426.6	-	-	$ 448,305	20	5	0	10	20	12	4	13	8	8	**100**
030501100201	UD-22	3.4	0.9	199.8	-	-	$ 305,192	20	5	0	10	20	12	4	13	8	8	**100**
030501100201	LID-74b	61.7	12.9	1,430.6	2,060.7	4.80	$ 1,210,424	10	10	10	5	15	8	8	13	10	10	**99**
030501100201	LID-18	74.3	16.1	1,692.1	2,437.5	5.60	$ 1,598,013	10	10	10	5	15	8	5	13	8	10	**94**
030501100201	LID-19	111.4	24.2	2,538.7	3,657.0	8.50	$ 2,398,180	10	10	10	5	15	8	5	13	8	10	**94**
030501100201	LID-1d	13.8	1.7	376.8	542.8	1.30	$ 164,493	15	5	5	5	15	8	8	13	10	10	**94**
030501100201	LID-68a	2.5	0.3	68.7	99.0	0.20	$ 30,002	15	5	5	5	15	8	8	13	10	10	**94**
030501100201	LID-68b	1.4	0.2	37.9	54.6	0.10	$ 16,553	15	5	5	5	15	8	8	13	10	10	**94**
030501100201	LID-68c	2.0	0.2	54.5	78.5	0.20	$ 23,795	15	5	5	5	15	8	8	13	10	10	**94**
030501100201	LID-68d	4.7	0.6	128.0	184.4	0.40	$ 55,866	15	5	5	5	15	8	8	13	10	10	**94**
030501100201	LID-69a	8.5	1.1	232.3	334.6	0.80	$ 101,386	15	5	5	5	15	8	8	13	10	10	**94**
030501100201	LID-69b	6.9	0.9	189.6	273.1	0.60	$ 82,764	15	5	5	5	15	8	8	13	10	10	**94**

HUC_12	BMP_ID	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion/yr)	RR (ac-ft/yr)	Cost Estimate	Cost (20 pts)	TSS Removed (20 pts)	Bacteria Removed (20 pts)	Flood Reduction Potential (10 pts)	Watershed Goals (20 pts)	Maintenance Burden (15 pts)	Landowner Cooperation (10 pts)	Permitting Burden (15 pts)	Community Acceptance & Public Visibility (10 pts)	Access (10 points)	TOTAL Score (Out of 150 pts)
030501100201	LID-69c	17.4	2.1	474.0	682.8	1.60	$ 206,910	15	5	5	5	15	8	8	13	10	10	**94**
030501100201	LID-69e	2.8	0.3	75.8	109.2	0.30	$ 33,106	15	5	5	5	15	8	8	13	10	10	**94**
030501100201	LID-69f	3.0	0.4	80.6	116.1	0.30	$ 35,175	15	5	5	5	15	8	8	13	10	10	**94**
030501100201	LID-74a	40.6	8.6	934.5	1,346.1	3.10	$ 827,640	10	5	10	5	15	8	8	13	10	10	**94**
030501100201	LID-75a	8.7	1.1	237.0	341.4	0.80	$ 103,455	15	5	5	5	15	8	8	13	10	10	**94**
030501100201	LID-75b	12.2	1.5	331.8	478.0	1.10	$ 144,837	15	5	5	5	15	8	8	13	10	10	**94**
030501100201	LID-76	24.0	3.0	654.1	942.3	2.20	$ 285,139	15	5	5	5	15	8	8	13	10	10	**94**
030501100201	LID-77a	20.0	2.5	545.1	785.2	1.80	$ 237,947	15	5	5	5	15	8	8	13	10	10	**94**
030501100201	LID-77b	21.7	2.7	592.5	853.5	2.00	$ 258,638	15	5	5	5	15	8	8	13	10	10	**94**
030501100201	LID-82	71.2	14.6	1,660.6	2,392.0	5.50	$ 1,344,915	10	10	10	5	15	8	5	13	8	10	**94**
030501100201	FP-11	1,321.7	278.3	33,040.0	50,060.6	202.51	$ 7,660,600	1	15	20	10	5	12	1	15	5	8	**92**
030501100201	LID-64a	14.2	1.7	386.3	556.5	1.30	$ 168,771	15	5	5	5	15	8	4	13	10	10	**90**
030501100201	LID-64b	17.1	2.1	466.9	672.6	1.60	$ 204,131	15	5	5	5	15	8	4	13	10	10	**90**
030501100201	LID-64c	9.6	1.2	260.7	375.5	0.90	$ 113,801	15	5	5	5	15	8	4	13	10	10	**90**
030501100201	LID-67a	3.7	0.5	101.9	146.8	0.30	$ 44,486	15	5	5	5	15	8	4	13	10	10	**90**
030501100201	LID-67b	1.7	0.2	45.0	64.9	0.10	$ 19,656	15	5	5	5	15	8	4	13	10	10	**90**
030501100201	LID-17	39.7	8.6	903.6	1,301.6	3.00	$ 853,484	10	5	10	5	15	8	5	13	8	10	**89**
030501100201	LID-1a	7.1	0.9	194.3	279.9	0.60	$ 84,708	10	5	5	5	15	8	8	13	10	10	**89**
030501100201	LID-1b	5.6	0.7	151.7	218.5	0.50	$ 66,211	10	5	5	5	15	8	8	13	10	10	**89**
030501100201	LID-1c	4.7	0.6	128.0	184.4	0.40	$ 55,866	10	5	5	5	15	8	8	13	10	10	**89**
030501100201	LID-3	103.3	23.5	2,299.2	3,311.9	7.70	$ 2,604,794	5	10	10	5	15	8	5	13	8	10	**89**
030501100201	LID-69d	19.6	4.4	441.8	636.4	1.50	$ 455,202	10	5	5	5	15	8	8	13	10	10	**89**
030501100201	LID-75c	5.6	1.3	125.8	181.2	0.40	$ 134,492	10	5	5	5	15	8	8	13	10	10	**89**
030501100201	LID-83	12.2	2.4	291.9	420.5	1.00	$ 206,910	15	5	5	5	15	8	5	13	8	10	**89**
030501100201	LID-85b	39.5	8.6	900.3	1,296.8	3.00	$ 850,883	10	5	10	5	15	8	5	13	8	10	**89**
030501100201	FP-14	162.7	34.3	4,066.5	6,161.3	24.92	$ 10,416,600	1	10	15	10	5	12	1	15	7	8	**84**
030501100201	LID-15	12.0	2.6	272.7	392.8	0.90	$ 257,303	10	5	5	5	15	8	5	13	8	10	**84**
030501100201	LID-16	13.5	2.9	307.8	443.3	1.00	$ 290,971	10	5	5	5	15	8	5	13	8	10	**84**
030501100201	LID-2	9.7	2.0	227.4	327.5	0.80	$ 184,081	10	5	5	5	15	8	5	13	8	10	**84**
030501100201	LID-80b	24.2	5.5	540.2	778.1	1.80	$ 600,039	10	5	5	5	15	8	5	13	8	10	**84**
030501100201	LID-80d	5.8	1.3	130.4	187.8	0.40	$ 144,837	10	5	5	5	15	8	5	13	8	10	**84**
030501100201	LID-80g	26.3	6.0	586.7	845.2	2.00	$ 651,767	10	5	5	5	15	8	5	13	8	10	**84**
030501100201	LID-81	7.2	1.6	164.3	236.6	0.50	$ 155,183	10	5	5	5	15	8	5	13	8	10	**84**
030501100201	LID-84	13.0	2.8	295.7	426.0	1.00	$ 279,329	10	5	5	5	15	8	5	13	8	10	**84**
030501100201	LID-85a	7.3	1.6	165.4	238.2	0.60	$ 156,391	10	5	5	5	15	8	5	13	8	10	**84**

HUC_12	BMP_ID	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion/yr)	RR (ac-ft/ yr)	Cost Estimate	Cost (20 pts)	TSS Removed (20 pts)	Bacteria Removed (20 pts)	Flood Reduction Potential (10 pts)	Watershed Goals (20 pts)	Maintenance Burden (15 pts)	Landowner Cooperation (10 pts)	Permitting Burden (15 pts)	Community Acceptance & Public Visibility (10 pts)	Access (10 points)	TOTAL Score (Out of 150 pts)
030501100201	LID-85c	5.4	1.2	122.8	176.9	0.40	$ 117,458	10	5	5	5	15	8	5	13	8	10	**84**
030501100201	CP-1	553.2	60.8	9,039.0	28,519.5	1,338.01	$ 996,900	1	10	20	0	10	10	1	15	5	10	**82**
030501100201	SH-2	5.7	4.6	5,700.3	-	-	$ 97,400	20	10	0	0	10	15	8	5	10	4	**82**
030501100201	SR-09	11.4	9.1	11,400.6	-	-	$ 165,110	15	15	0	0	15	15	4	5	8	4	**81**
030501100201	SR-11	11.4	9.1	11,400.6	-	-	$ 184,279	15	15	0	0	15	15	4	5	8	4	**81**
030501100201	FP-12	16.3	3.4	406.6	616.1	2.49	$ 164,200	10	5	5	10	5	12	5	15	5	8	**80**
030501100201	FP-10	81.3	17.1	2,033.2	3,080.7	12.46	$ 450,400	1	10	10	10	5	12	1	15	5	10	**79**
030501100201	LID-4	10.7	2.4	237.4	342.0	0.80	$ 269,081	5	5	5	5	15	8	5	13	8	10	**79**
030501100201	LID-80a	8.2	1.9	182.6	263.1	0.60	$ 206,910	5	5	5	5	15	8	5	13	8	10	**79**
030501100201	LID-80c	4.5	1.0	100.4	144.7	0.30	$ 113,801	5	5	5	5	15	8	5	13	8	10	**79**
030501100201	LID-80e	4.1	0.9	91.3	131.5	0.30	$ 103,455	5	5	5	5	15	8	5	13	8	10	**79**
030501100201	LID-80f	9.0	2.1	200.9	289.4	0.70	$ 227,601	5	5	5	5	15	8	5	13	8	10	**79**
030501100201	SH-1	17.1	13.7	17,100.9	-	-	$ 290,400	10	15	0	0	10	15	8	5	10	4	**77**
030501100201	SH-3	17.1	13.7	17,100.9	-	-	$ 355,600	10	15	0	0	10	15	8	5	10	4	**77**
030501100201	SH-4	22.8	18.2	22,801.2	-	-	$ 396,000	10	15	0	0	10	15	8	5	10	4	**77**
030501100201	SR-12	34.2	27.4	34,201.7	-	-	$ 596,397	10	15	0	0	15	15	4	5	8	4	**76**
030501100201	SR-14	17.1	13.7	17,100.9	-	-	$ 292,834	10	15	0	0	15	15	4	5	8	4	**76**
030501100201	SR-23	17.1	13.7	17,100.9	-	-	$ 294,539	10	15	0	0	15	15	4	5	8	4	**76**
030501100201	SR-24	17.1	13.7	17,100.9	-	-	$ 290,544	10	15	0	0	15	15	4	5	8	4	**76**
030501100201	SR-28	11.4	9.1	11,400.6	-	-	$ 219,631	10	15	0	0	15	15	4	5	8	4	**76**
030501100201	SR-29	5.7	4.6	5,700.3	-	-	$ 157,179	15	10	0	0	15	15	4	5	8	4	**76**
030501100201	FP-13	61.0	12.8	1,524.9	2,310.5	9.35	$ 9,664,300	1	5	10	10	5	12	1	15	7	8	**74**
030501100201	SR-10	91.2	73.0	91,204.6	-	-	$ 1,684,756	1	20	0	0	15	15	4	5	8	4	**72**
030501100201	SR-13	11.4	9.1	11,400.6	-	-	$ 205,855	5	15	0	0	15	15	4	5	8	4	**71**
030501100201	SR-25	17.1	13.7	17,100.9	-	-	$ 361,694	5	15	0	0	15	15	4	5	8	4	**71**
030501100201	SR-26	22.8	18.2	22,801.2	-	-	$ 444,540	5	15	0	0	15	15	4	5	8	4	**71**
030501100201	SR-27	28.5	22.8	28,501.5	-	-	$ 535,030	5	15	0	0	15	15	4	5	8	4	**71**
030501100201	SR-01	45.6	36.5	45,602.3	-	-	$ 846,727	1	15	0	0	15	15	1	5	8	1	**61**
030501100201	GR-30a	2.1	0.3	63.0	90.7	0.40	$ 335,326	1	5	5	5	15	4	2	8	6	1	**52**
030501100201	GR-30b	1.1	0.1	32.5	46.8	0.20	$ 177,315	1	5	5	5	15	4	2	8	6	1	**52**
030501100201	GR-32	11.4	1.5	339.9	488.7	2.00	$ 1,816,344	1	5	5	5	15	4	2	8	6	1	**52**
030501100201	GR-35a	4.9	0.7	144.2	207.8	0.80	$ 777,139	1	5	5	5	15	4	2	8	6	1	**52**
030501100201	GR-35b	3.8	0.5	113.8	163.9	0.70	$ 604,942	1	5	5	5	15	4	2	8	6	1	**52**
030501100201	GR-36	3.6	0.5	107.7	155.1	0.60	$ 575,600	1	5	5	5	15	4	2	8	6	1	**52**
030501100201	GR-38	10.9	1.5	323.0	465.3	1.90	$ 1,731,510	1	5	5	5	15	4	2	8	6	1	**52**

HUC_12	BMP_ID	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion/yr)	RR (ac-ft/ yr)	Cost Estimate	Cost (20 pts)	TSS Removed (20 pts)	Bacteria Removed (20 pts)	Flood Reduction Potential (10 pts)	Watershed Goals (20 pts)	Maintenance Burden (15 pts)	Landowner Cooperation (10 pts)	Permitting Burden (15 pts)	Community Acceptance & Public Visibility (10 pts)	Access (10 points)	TOTAL Score (Out of 150 pts)
030501100201	GR-31	14.3	1.9	424.6	611.6	2.50	$ 2,276,267	1	5	5	5	15	4	1	8	6	1	**51**
030501100201	GR-33a	8.6	1.2	256.0	368.7	1.50	$ 1,367,078	1	5	5	5	15	4	1	8	6	1	**51**
030501100201	GR-33b	13.6	1.8	402.2	579.4	2.30	$ 2,158,577	1	5	5	5	15	4	1	8	6	1	**51**
030501100201	GR-34	15.3	2.1	453.0	652.6	2.60	$ 2,430,309	1	5	5	5	15	4	1	8	6	1	**51**
030501100201	GR-37	6.4	0.9	188.9	272.1	1.10	$ 1,009,092	1	5	5	5	15	4	1	8	6	1	**51**
		6,941.0	**1,792.6**	**597,813.6**	**284,139.6**	**1,779.6**	**90,686,023.0**											
030501100202	LID-66a	11.7	1.4	320.0	460.9	1.10	$ 139,536	15	5	5	5	15	8	8	13	10	10	**94**
030501100202	LID-10	11.4	2.5	260.7	375.5	0.90	$ 246,575	10	5	5	5	15	8	5	13	8	10	**84**
030501100202	LID-11	13.3	2.9	302.3	435.4	1	$ 285,349	10	5	5	5	15	8	5	13	8	10	**84**
030501100202	LID-12	13.9	3.0	316.5	455.9	1.1	$ 299,226	10	5	5	5	15	8	5	13	8	10	**84**
030501100202	LID-13	6.2	1.3	140.2	201.9	0.5	$ 132,913	10	5	5	5	15	8	5	13	8	10	**84**
030501100202	LID-14	15.9	3.5	362.5	522.2	1.20	$ 342,138	10	5	5	5	15	8	5	13	8	10	**84**
030501100202	LID-6	9.2	2.0	210.3	302.9	0.70	$ 198,757	10	5	5	5	15	8	5	13	8	10	**84**
030501100202	LID-7	11.1	2.4	251.9	362.9	0.8	$ 237,564	10	5	5	5	15	8	5	13	8	10	**84**
030501100202	LID-9	15.0	3.3	342.8	493.8	1.1	$ 323,557	10	5	5	5	15	8	5	13	8	10	**84**
030501100202	SR-03	2.1	1.6	2,055.4	-	-	$ 123,555	15	10	0	0	15	15	1	5	6	4	**71**
030501100202	SR-02	4.1	3.3	4,110.8	-	-	$ 202,587	10	10	0	0	15	15	1	5	6	4	**66**
030501100202	GR-29	46.3	6.2	1,373.3	1,978.2	8.00	$ 7,361,131	1	10	10	5	15	4	2	8	6	1	**62**
		160.2	**33.4**	**10,046.7**	**5,589.6**	**16.4**	**9,892,890.0**											
030501100203	WP-2	1,353.4	577.4	71,724.1	88,640.1	-	$ 1,925,785	20	20	20	10	20	15	5	10	10	8	**138**
030501100203	WP-10	3,350.5	1,078.4	192,312.1	237,668.7	-	$ 3,010,541	20	20	20	10	20	15	5	10	10	4	**134**
030501100203	WP-12	654.4	279.2	34,680.3	42,859.7	-	$ 931,095	20	15	20	10	20	15	6	10	10	8	**134**
030501100203	WP-13	227.8	95.6	12,136.8	14,999.3	-	$ 310,365	20	15	20	10	20	15	6	10	10	4	**130**
030501100203	WP-7	114.9	49.0	6,088.3	7,524.3	-	$ 163,459	20	10	15	10	20	15	6	10	10	8	**124**
030501100203	WP-1	139.8	56.8	7,531.1	9,307.3	-	$ 175,717	20	10	15	10	20	15	4	10	10	8	**122**
030501100203	LID-24	469.2	63.5	12,068.3	18,110.6	41.90	$ 5,907,903	15	15	20	5	15	8	8	13	10	10	**119**
030501100203	LID-29	398.9	48.3	10,470.2	15,712.3	36.30	$ 4,732,195	15	15	20	5	15	8	8	13	10	10	**119**
030501100203	WET-6	32.6	10.3	1,247.0	1,761.2	-	$ 50,000	20	10	10	10	20	15	6	10	10	8	**119**
030501100203	WP-11a	19.9	4.9	1,203.6	1,487.4	-	$ 50,000	20	10	10	10	20	15	6	10	10	8	**119**
030501100203	WP-11b	23.6	5.8	1,428.7	1,765.7	-	$ 50,000	20	10	10	10	20	15	6	10	10	8	**119**
030501100203	WP-4	20.4	8.7	1,082.8	1,338.2	-	$ 50,000	20	10	10	10	20	15	6	10	10	8	**119**
030501100203	WET-7	20.1	6.3	771.3	1,089.4	-	$ 50,000	20	5	10	10	20	15	5	10	10	8	**113**
030501100203	WP-9	37.3	15.9	1,978.1	2,444.6	-	$ 53,107	20	10	10	10	20	15	4	10	10	4	**113**

HUC_12	BMP_ID	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion/yr)	RR (ac-ft/ yr)	Cost Estimate	Cost (20 pts)	TSS Removed (20 pts)	Bacteria Removed (20 pts)	Flood Reduction Potential (10 pts)	Watershed Goals (20 pts)	Maintenance Burden (15 pts)	Landowner Cooperation (10 pts)	Permitting Burden (15 pts)	Community Acceptance & Public Visibility (10 pts)	Access (10 points)	TOTAL Score (Out of 150 pts)
030501100203	WET-8a	18.9	3.4	833.9	1,177.8	-	$ 50,000	20	5	10	10	20	15	4	10	10	8	**112**
030501100203	FP-5b	325.3	68.5	8,132.9	12,322.6	49.85	$ 30,100	20	10	20	10	5	12	5	15	5	8	**110**
030501100203	LID-23	223.6	30.3	5,752.0	8,631.9	20.00	$ 2,816,478	15	10	15	5	15	8	8	13	10	10	**109**
030501100203	LID-26	232.4	40.0	5,662.6	8,497.7	19.60	$ 3,614,244	15	10	15	5	15	8	8	13	10	10	**109**
030501100203	LID-28	133.8	20.8	3,341.7	5,014.8	11.60	$ 1,869,695	15	10	15	5	15	8	8	13	10	10	**109**
030501100203	WET-3	8.6	1.7	372.1	525.5	-	$ 50,000	20	5	5	10	20	15	6	10	10	8	**109**
030501100203	WET-5	15.2	4.8	582.7	823.0	-	$ 50,000	20	5	5	10	20	15	6	10	10	8	**109**
030501100203	WP-5	5.2	1.7	300.3	371.1	-	$ 50,000	20	5	5	10	20	15	6	10	10	8	**109**
030501100203	WP-6	12.9	5.2	698.9	863.8	-	$ 50,000	20	5	5	10	20	15	6	10	10	8	**109**
030501100203	WP-3	11.5	5.1	597.5	738.5	-	$ 50,000	20	5	5	10	20	15	5	10	10	8	**108**
030501100203	WP-8	18.7	8.0	989.0	1,222.3	-	$ 50,000	20	5	10	10	20	15	4	10	10	4	**108**
030501100203	WET-8b	6.3	1.1	278.0	392.6	-	$ 50,000	20	5	5	10	20	15	4	10	10	8	**107**
030501100203	LID-46	164.9	22.5	4,233.1	6,352.5	14.70	$ 2,089,670	15	10	15	5	15	8	4	13	10	10	**105**
030501100203	LID-22b	60.4	8.2	1,553.2	2,330.8	5.40	$ 760,595	15	10	10	5	15	8	8	13	10	10	**104**
030501100203	LID-27	39.0	4.7	1,023.2	1,535.5	3.50	$ 462,628	15	10	10	5	15	8	8	13	10	10	**104**
030501100203	LID-44	62.5	7.6	1,641.3	2,463.0	5.70	$ 742,217	15	10	10	5	15	8	8	13	10	10	**104**
030501100203	WET-4	3.1	0.6	136.2	192.4	-	$ 50,000	15	5	5	10	20	15	6	10	10	8	**104**
030501100203	UD-1	4.0	1.2	221.9	-	-	$ 380,297	20	5	0	10	20	12	5	13	8	8	**101**
030501100203	UD-10	2.3	0.6	129.2	-	-	$ 204,326	20	5	0	10	20	12	5	13	8	8	**101**
030501100203	UD-11	2.6	0.7	145.5	-	-	$ 230,212	20	5	0	10	20	12	5	13	8	8	**101**
030501100203	UD-12	0.7	0.2	41.5	-	-	$ 65,949	20	5	0	10	20	12	5	13	8	8	**101**
030501100203	UD-13	3.3	0.9	190.3	-	-	$ 300,918	20	5	0	10	20	12	5	13	8	8	**101**
030501100203	UD-2	4.9	1.3	281.9	-	-	$ 446,087	20	5	0	10	20	12	5	13	8	8	**101**
030501100203	UD-3	2.0	0.5	113.8	-	-	$ 179,831	20	5	0	10	20	12	5	13	8	8	**101**
030501100203	UD-4	3.0	0.8	169.7	-	-	$ 268,262	20	5	0	10	20	12	5	13	8	8	**101**
030501100203	UD-5	4.4	1.1	248.5	-	-	$ 392,992	20	5	0	10	20	12	5	13	8	8	**101**
030501100203	UD-6	2.4	0.6	138.3	-	-	$ 218,832	20	5	0	10	20	12	5	13	8	8	**101**
030501100203	UD-7	2.0	0.5	112.2	-	-	$ 177,447	20	5	0	10	20	12	5	13	8	8	**101**
030501100203	UD-8	2.3	0.6	129.2	-	-	$ 204,456	20	5	0	10	20	12	5	13	8	8	**101**
030501100203	UD-9	1.4	0.4	77.8	-	-	$ 123,330	20	5	0	10	20	12	5	13	8	8	**101**
030501100203	LID-45	52.0	7.5	1,321.0	1,982.4	4.60	$ 680,310	15	10	10	5	15	8	4	13	10	10	**100**
030501100203	UD-14	5.7	1.5	326.4	-	-	$ 516,463	20	5	0	10	20	12	4	13	8	8	**100**
030501100203	UD-16	58.8	26.7	2,931.6	-	-	$ 10,035,135	15	10	0	10	20	12	4	13	8	8	**100**
030501100203	LID-22a	34.2	4.6	879.1	1,319.2	3.00	$ 430,607	15	5	10	5	15	8	8	13	10	10	**99**
030501100203	LID-25	28.4	4.4	708.3	1,062.9	2.50	$ 396,221	15	5	10	5	15	8	8	13	10	10	**99**

HUC_12	BMP_ID	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion/yr)	RR (ac-ft/ yr)	Cost Estimate	Cost (20 pts)	TSS Removed (20 pts)	Bacteria Removed (20 pts)	Flood Reduction Potential (10 pts)	Watershed Goals (20 pts)	Maintenance Burden (15 pts)	Landowner Cooperation (10 pts)	Permitting Burden (15 pts)	Community Acceptance & Public Visibility (10 pts)	Access (10 points)	TOTAL Score (Out of 150 pts)
030501100203	LID-34	31.8	4.3	817.8	1,227.2	2.80	$ 400,660	15	5	10	5	15	8	8	13	10	10	**99**
030501100203	LID-35	31.6	3.8	828.6	1,243.5	2.90	$ 374,576	15	5	10	5	15	8	8	13	10	10	**99**
030501100203	LID-37	35.5	4.3	931.6	1,398.1	3.20	$ 420,808	15	5	10	5	15	8	8	13	10	10	**99**
030501100203	LID-38a	26.5	3.2	695.9	1,044.3	2.40	$ 314,124	15	5	10	5	15	8	8	13	10	10	**99**
030501100203	LID-59	34.9	4.2	915.6	1,374.1	3.20	$ 413,820	15	5	10	5	15	8	8	13	10	10	**99**
030501100203	WET-2	66.9	15.8	2,785.8	3,934.7	-	$ 50,000		10	10	10	20	15	5	10	10	8	**98**
030501100203	LID-48	59.4	8.0	1,527.8	2,292.8	5.30	$ 747,993	15	5	10	5	15	8	4	13	10	10	**95**
030501100203	LID-21	27.6	4.8	667.9	1,002.3	2.30	$ 44,486	10	5	10	5	15	8	8	13	10	10	**94**
030501100203	LID-31	4.6	0.6	121.3	182.1	0.40	$ 54,485	15	5	5	5	15	8	8	13	10	10	**94**
030501100203	LID-33	7.1	1.0	183.8	275.9	0.60	$ 89,716	15	5	5	5	15	8	8	13	10	10	**94**
030501100203	LID-36	9.0	1.4	224.0	336.2	0.80	$ 124,570	15	5	5	5	15	8	8	13	10	10	**94**
030501100203	LID-38b	27.0	4.7	655.7	983.9	2.30	$ 423,601	15	5	5	5	15	8	8	13	10	10	**94**
030501100203	LID-38c	8.8	1.4	217.0	325.7	0.80	$ 126,648	15	5	5	5	15	8	8	13	10	10	**94**
030501100203	LID-38d	23.6	5.5	521.9	783.2	1.80	$ 805,005	15	5	5	5	15	8	8	13	10	10	**94**
030501100203	LID-42	16.4	2.0	430.3	645.8	1.50	$ 194,308	15	5	5	5	15	8	8	13	10	10	**94**
030501100203	LID-43	8.6	1.0	226.6	340.1	0.80	$ 101,930	15	5	5	5	15	8	8	13	10	10	**94**
030501100203	LID-49	13.0	1.8	332.5	198.9	1.20	$ 165,528	15	5	5	5	15	8	8	13	10	10	**94**
030501100203	LID-50	13.4	1.6	352.5	529.0	1.20	$ 159,460	15	5	5	5	15	8	8	13	10	10	**94**
030501100203	LID-52	13.5	1.7	349.4	524.3	1.20	$ 165,676	15	5	5	5	15	8	8	13	10	10	**94**
030501100203	LID-54	6.3	0.8	164.8	247.3	0.60	$ 74,488	15	5	5	5	15	8	8	13	10	10	**94**
030501100203	LID-58a	6.5	1.0	165.7	248.6	0.60	$ 86,902	15	5	5	5	15	8	8	13	10	10	**94**
030501100203	LID-58b	11.2	1.4	293.0	439.7	1.00	$ 132,422	15	5	5	5	15	8	8	13	10	10	**94**
030501100203	LID-58c	5.6	0.8	143.0	214.6	0.50	$ 72,419	15	5	5	5	15	8	8	13	10	10	**94**
030501100203	LID-61a	5.6	0.7	146.5	219.8	0.50	$ 65,929	15	5	5	5	15	8	8	13	10	10	**94**
030501100203	LID-61b	10.0	1.2	263.2	395.0	0.90	$ 118,546	15	5	5	5	15	8	8	13	10	10	**94**
030501100203	LID-63a	12.3	1.5	322.8	484.4	1.10	$ 146,384	15	5	5	5	15	8	8	13	10	10	**94**
030501100203	LID-63b	16.6	2.0	434.9	652.7	1.50	$ 196,565	15	5	5	5	15	8	8	13	10	10	**94**
030501100203	SR-19	3.1	2.5	3,063.1	-	-	$ 89,639	15	10	0	0	20	15	8	5	10	10	**93**
030501100203	FP-5	1,382.7	291.1	34,564.9	52,371.1	211.86	Numerous Parcels Impacted	1	15	20	10	5	12	1	15	5	8	**92**
030501100203	UD-17	8.7	2.3	497.1	-	-	$ 786,258	20	5	0	10	20	12	4	13	8		**92**
030501100203	FP-2	1,748.7	368.2	43,714.4	66,234.0	267.94	$ 11,642,800	1	10	20	10	10	12	1	15	5	7	**91**
030501100203	LID-56	19.1	3.4	459.8	690.0	1.60	$ 310,365	15	5	5	5	15	8	5	13	10	10	**91**
030501100203	FP-5a	14.2	3.0	355.8	539.1	2.18	$ 9,000	20	5	5	10	5	12	5	15	5	8	**90**
030501100203	LID-47	23.4	2.8	613.5	920.6	2.10	$ 277,606	15	5	5	5	15	8	4	13	10	10	**90**

HUC_12	BMP_ID	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion/yr)	RR (ac-ft/ yr)	Cost Estimate	Cost (20 pts)	TSS Removed (20 pts)	Bacteria Removed (20 pts)	Flood Reduction Potential (10 pts)	Watershed Goals (20 pts)	Maintenance Burden (15 pts)	Landowner Cooperation (10 pts)	Permitting Burden (15 pts)	Community Acceptance & Public Visibility (10 pts)	Access (10 points)	TOTAL Score (Out of 150 pts)
030501100203	LID-51	23.0	3.4	581.2	872.2	2.00	$ 310,365	15	5	5	5	15	8	4	13	10	10	**90**
030501100203	LID-55	4.4	0.8	104.5	156.8	0.40	$ 79,660	15	5	5	5	15	8	4	13	10	10	**90**
030501100203	LID-57	16.8	2.0	441.8	663.0	1.50	$ 199,992	15	5	5	5	15	8	4	13	10	10	**90**
030501100203	LID-60	24.6	3.0	645.5	968.7	2.20	$ 291,232	15	5	5	5	15	8	4	13	10	10	**90**
030501100203	LID-20	10.3	2.2	236.9	355.6	0.80	$ 231,730	10	5	5	5	15	8	8	13	10	10	**89**
030501100203	LID-32	2.1	0.4	47.2	70.9	0.20	$ 48,492	10	5	5	5	15	8	8	13	10	10	**89**
030501100203	LID-38e	17.4	3.5	403.9	606.1	1.40	$ 354,271	10	5	5	5	15	8	8	13	10	10	**89**
030501100203	FP-3	162.7	34.3	4,066.5	6,161.3	24.92	$ 579,600	5	10	15	10	5	12	1	15	5	10	**88**
030501100203	LID-53	15.4	2.5	379.8	569.9	1.30	$ 227,601	15	5	5	5	15	8	4	13	8	10	**88**
030501100203	SR-15	3.1	2.5	3,063.1	-	-	$ 88,543	15	10	0	0	15	15	8	5	10	10	**88**
030501100203	FP-4	325.3	68.5	8,132.9	12,322.6	49.85	$ 7,540,100	1	10	20	10	5	12	1	15	5	8	**87**
030501100203	FP-9	4.9	1.0	122.0	184.8	0.75	$ 17,200	10	5	5	10	5	12	5	15	10	10	**87**
030501100203	UD-15	2.7	0.7	153.7	-	-	$ 243,119	15	5	0	10	20	12	4	13		8	**87**
030501100203	SR-20	3.1	2.5	3,063.1	-	-	$ 128,349	10	10	0	0	20	15	6	5	10	10	**86**
030501100203	LID-62	11.5	1.4	302.2	453.4	1.00	$ 136,816	10	5	5	5	15	8	4	13	10	10	**85**
030501100203	SR-21	1.5	1.2	1,531.5	-	-	$ 52,743	20	10	0	0	15	15	4	5	8	8	**85**
030501100203	LID-30	23.1	5.1	522.1	783.5	1.80	$ 612,726	5	5	5	5	15	8	8	13	10	10	**84**
030501100203	SR-16	9.2	7.4	9,189.3	-	-	$ 273,930	5	10	0	0	20	15	8	5	10	10	**83**
030501100203	SR-17	9.2	7.4	9,189.3	-	-	$ 294,902	5	10	0	0	20	15	8	5	10	10	**83**
030501100203	FP-6	14.6	3.1	366.0	554.5	2.24	$ 200,000	5	5	5	10	5	12	5	15	8	10	**80**
030501100203	SR-18	3.1	2.5	3,063.1	-	-	$ 139,610	15	10	0	0	15	15	4	5	8	8	**80**
030501100203	SR-22	12.3	9.8	12,252.3	-	-	$ 436,048	5	15	0	0	20	15	4	5	8	8	**80**
030501100203	FP-7	17.9	3.8	447.3	677.7	2.74	$ 454,300	1	5	5	10	5	12	5	15	10	10	**78**
030501100203	FP-8	81.3	17.1	2,033.2	3,080.7	12.46	$ 2,998,800	1	5	10	10	5	12	1	15	5	8	**72**
030501100203	SR-07	3.1	2.5	3,063.1	-	-	$ 144,289	15	10	0	0	15	15	1	5	6	4	**71**
030501100203	SR-04	9.2	7.4	9,189.3	-	-	$ 284,725	10	10	0	0	15	15	1	5	6	4	**66**
030501100203	SR-05	9.2	7.4	9,189.3	-	-	$ 326,867	10	10	0	0	15	15	1	5	6	4	**66**
030501100203	SR-06	6.1	4.9	6,126.2	-	-	$ 234,746	10	10	0	0	15	15	1	5	6	4	**66**
030501100203	SR-08	18.4	14.7	18,378.5	-	-	$ 683,794	1	15	0	0	15	15	1	5	8	4	**64**
030501100203	GR-19	28.2	3.7	804.4	1,207.2	4.90	$ 4,461,742	1	5	10	5	15	4	1	8	6	1	**56**
030501100203	GR-1	1.9	0.3	54.9	82.4	0.30	$ 304,768	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-10	3.6	0.5	102.0	153.1	0.60	$ 570,388	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-11	1.3	0.2	37.3	55.9	0.20	$ 205,704	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-12	8.5	1.1	243.3	365.1	1.50	$ 1,354,691	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-13	21.3	2.8	606.3	909.8	3.70	$ 3,367,269	1	5	5	5	15	4	2	8	6	1	**52**

HUC_12	BMP_ID	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion/yr)	RR (ac-ft/ yr)	Cost Estimate	Cost (20 pts)	TSS Removed (20 pts)	Bacteria Removed (20 pts)	Flood Reduction Potential (10 pts)	Watershed Goals (20 pts)	Maintenance Burden (15 pts)	Landowner Cooperation (10 pts)	Permitting Burden (15 pts)	Community Acceptance & Public Visibility (10 pts)	Access (10 points)	TOTAL Score (Out of 150 pts)
030501100203	GR-16	4.4	0.6	125.6	188.4	0.80	$ 697,808	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-17	3.9	0.5	109.9	164.9	0.70	$ 606,215	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-18	4.4	0.6	125.6	188.4	0.80	$ 696,400	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-2	1.6	0.2	45.1	67.7	0.30	$ 251,699	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-21	3.6	0.5	104.0	156.1	0.60	$ 577,170	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-24	1.7	0.2	47.1	70.7	0.30	$ 261,360	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-25a	2.8	0.4	80.4	120.7	0.50	$ 448,648	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-25b	2.8	0.4	80.4	120.7	0.50	$ 451,378	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-25c	1.0	0.1	29.4	44.2	0.20	$ 161,677	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-25d	3.0	0.4	84.4	126.6	0.50	$ 472,352	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-27a	2.4	0.3	68.7	103.1	0.40	$ 384,344	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-27b	4.7	0.6	133.4	200.2	0.80	$ 743,202	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-27c	1.9	0.2	53.0	79.5	0.30	$ 299,471	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-27d	1.3	0.2	37.3	55.9	0.20	$ 203,857	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-3	2.2	0.3	62.8	94.2	0.40	$ 349,940	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-4	7.6	1.0	215.8	323.9	1.30	$ 1,202,980	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-5	3.1	0.4	88.3	132.5	0.50	$ 485,802	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-6	3.0	0.4	84.4	126.6	0.50	$ 467,210	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-7	2.7	0.4	76.5	114.8	0.50	$ 426,272	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-8	7.6	1.0	217.8	326.8	1.30	$ 1,212,268	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-9	3.4	0.4	96.1	144.3	0.60	$ 530,824	1	5	5	5	15	4	2	8	6	1	**52**
030501100203	GR-14	10.3	1.3	292.3	438.7	1.80	$ 1,624,388	1	5	5	5	15	4	1	8	6	1	**51**
030501100203	GR-15	12.7	1.7	361.0	541.8	2.20	$ 1,999,245	1	5	5	5	15	4	1	8	6	1	**51**
030501100203	GR-20	2.2	0.3	62.8	94.2	0.40	$ 353,709	1	5	5	5	15	4	1	8	6	1	**51**
030501100203	GR-22	2.1	0.3	60.8	91.3	0.40	$ 340,769	1	5	5	5	15	4	1	8	6	1	**51**
030501100203	GR-23	12.5	1.6	357.1	535.9	2.20	$ 1,981,980	1	5	5	5	15	4	1	8	6	1	**51**
030501100203	GR-26a	3.3	0.4	94.2	141.3	0.60	$ 520,592	1	5	5	5	15	4	1	8	6	1	**51**
030501100203	GR-26b	1.4	0.2	39.2	58.9	0.20	$ 218,689	1	5	5	5	15	4	1	8	6	1	**51**
030501100203	GR-26c	0.9	0.1	25.5	38.3	0.20	$ 139,229	1	5	5	5	15	4	1	8	6	1	**51**
030501100203	GR-28a	0.9	0.1	25.5	38.3	0.20	$ 142,993	1	5	5	5	15	4	1	8	6	1	**51**
030501100203	GR-28b	0.9	0.1	25.5	38.3	0.20	$ 142,505	1	5	5	5	15	4	1	8	6	1	**51**
		13,179.3	**3,589.0**	**608,448.9**	**681,050.5**	**882.9**	**111,008,270.5**											

Appendix F – Top Ten Potential Project Details

Project Overview: Wetland 9

Watershed	Project ID	Project Name	Project Type	TOTAL Score	Cost Estimate
030501100201	WET-9	Arcadia Lakes	Stormwater wetland creation	133	$1,506,995

Benefits: Attractive wetland feature stabilizes sediment, provides water quality and habitat

Drainage Area (ac)	Impervious treated (ac)	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
437.00	131.00	1,520.0	488.6	58,117.7	78,791.8

Ranking:

Cost (20)	TSS (20)	Bact. (20)	Flood (10)	Goals (20)	Maint. (15)	Land. Coop. (10)	Permit. (15)	Accept /Vis. (10)	Access (10)	Total (150)
20	20	20	10	20	15	4	10	10	4	**133**

Project Overview: Wetland 1

Watershed	Project ID	Project Name	Project Type	TOTAL Score	Cost Estimate
030501100201	WET-1	Pine Tree Lake	Stormwater wetland	128	$377,266

Benefits: Located within FP-11 conservation area

Drainage Area (ac)	Impervious treated (ac)	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
109.40	32.80	380.5	122.3	14,549.4	19,725.0

Ranking:

Cost (20)	TSS (20)	Bact. (20)	Flood (10)	Goals (20)	Maint. (15)	Land. Coop. (10)	Permit. (15)	Accept /Vis. (10)	Access (10)	Total (150)
20	15	20	10	20	15	4	10	10	4	**128**

Project Overview: Wet Pond 14

Watershed	Project ID	Project Name	Project Type	TOTAL Score	Cost Estimate
030501100201	WP-14	Richland Northeast High School	Wet detention pond	119	$50,000

Benefits: Located within FP-11 conservation area

Drainage Area (ac)	Impervious treated (ac)	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
4.39	3.53	17.9	5.6	1,069.3	1,268.4

Ranking:

Cost (20)	TSS (20)	Bact. (20)	Flood (10)	Goals (20)	Maint. (15)	Land. Coop. (10)	Permit. (15)	Accept /Vis. (10)	Access (10)	Total (150)
20	10	10	10	20	15	6	10	10	8	**119**

Project Overview: Wet Pond-15

Watershed	Project ID	Project Name	Project Type	TOTAL Score	Cost Estimate
030501100201	WP-15	SC Department of Archives and History	Pond Retrofit	119	$106,904

Benefits:

Drainage Area (ac)	Impervious treated (ac)	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
31.00	6.20	66.9	31.1	3,437.2	4,077.4

Ranking:

Cost (20)	TSS (20)	Bact. (20)	Flood (10)	Goals (20)	Maint. (15)	Land. Coop. (10)	Permit. (15)	Accept /Vis. (10)	Access (10)	Total (150)
20	10	10	10	20	15	6	10	10	8	**119**

*other projects shown, but not included in this analysis sheet

Project Overview: Wetland-18

Watershed	Project ID	Project Name	Project Type	TOTAL Score	Cost Estimate
030501100201	WET-18	Rabon Farms Ln/Rabon Pond Dr. existing SWM	Wetland Creation	117	$50,000

Benefits:

Drainage Area (ac)	Impervious treated (ac)	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
13.6	2.7	38.9	12.1	1388.8	2050.4

Ranking:

Cost (20)	TSS (20)	Bact. (20)	Flood (10)	Goals (20)	Maint. (15)	Land. Coop. (10)	Permit. (15)	Accept /Vis. (10)	Access (10)	Total (150)
20	10	10	10	20	15	4	10	10	8	**117**

*other projects shown, but not included in this analysis sheet

Project Overview: Wet Pond-16

Watershed	Project ID	Project Name	Project Type	TOTAL Score	Cost Estimate
030501100201	WP-16	Spring Valley Commons	Pond Retrofit	117	$50,000

Benefits:

Drainage Area (ac)	Impervious treated (ac)	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
13.00	12.50	58.2	15.4	3,626.4	4,301.8

Ranking:

Cost (20)	TSS (20)	Bact. (20)	Flood (10)	Goals (20)	Maint. (15)	Land. Coop. (10)	Permit. (15)	Accept /Vis. (10)	Access (10)	Total (150)
20	10	10	10	20	15	4	10	10	8	**117**

*other projects shown, but not included in this analysis sheet

Project Overview: Wet Pond-17

Watershed	Project ID	Project Name	Project Type	TOTAL Score	Cost Estimate
030501100201	WP-17	Columbia Northeast Shopping Center	Pond Retrofit	117	$50,000

Benefits:

Drainage Area (ac)	Impervious treated (ac)	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
9.50	7.40	37.8	11.2	2092.4	2703.0

Ranking:

Cost (20)	TSS (20)	Bact. (20)	Flood (10)	Goals (20)	Maint. (15)	Land. Coop. (10)	Permit. (15)	Accept /Vis. (10)	Access (10)	Total (150)
20	10	10	10	20	15	4	10	10	8	**117**

*other projects shown, but not included in this analysis sheet

Project Overview: LID-5

Watershed	Project ID	Project Name	Project Type	TOTAL Score	Cost Estimate
030501100201	LID-5	Polo Road fields	Bioretention and permeable pavement	114	$6,270,514

Benefits:

Drainage Area (ac)	Impervious treated (ac)	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
60.61	42.97	442.6	73.7	11,164.0	16,081.3

Ranking:

Cost (20)	TSS (20)	Bact. (20)	Flood (10)	Goals (20)	Maint. (15)	Land. Coop. (10)	Permit. (15)	Accept /Vis. (10)	Access (10)	Total (150)
15	15	20	5	15	8	5	13	8	10	**114**

Project Overview: Wet Pond-19

Watershed	Project ID	Project Name	Project Type	TOTAL Score	Cost Estimate
030501100201	WP-10	SC Department of Archives and History	Pond Retrofit	89	$50,000

Benefits:

Drainage Area (ac)	Impervious treated (ac)	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
3.30	3.30	15.1	3.6	874.7	1130.0

Ranking:

Cost (20)	TSS (20)	Bact. (20)	Flood (10)	Goals (20)	Maint. (15)	Land. Coop. (10)	Permit. (15)	Accept /Vis. (10)	Access (10)	Total (150)
20	5	10	10	20	15	6	10	10	8	**114**

*LID projects shown, but not included in this analysis sheet

Project Overview: Wet Pond-18

Watershed	Project ID	Project Name	Project Type	TOTAL Score	Cost Estimate
030501100201	WP-18	SCDHEC Public Health Laboratory	Pond Retrofit	109	$50,000

Benefits:

Drainage Area (ac)	Impervious treated (ac)	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
1.10	1.10	5.0	1.3	316.6	375.5

Ranking:

Cost (20)	TSS (20)	Bact. (20)	Flood (10)	Goals (20)	Maint. (15)	Land. Coop. (10)	Permit. (15)	Accept /Vis. (10)	Access (10)	Total (150)
20	5	5	10	20	15	6	10	10	8	**109**

*other projects shown, but not included in this analysis sheet

Project Overview: Low Impact Development 66a

Watershed	Project ID	Project Name	Project Type	TOTAL Score	Cost Estimate
030501100202	LID-66a	Richland Northeast High School parking lot	bioretention/permeable pavement	94	$139,536

Benefits:

Drainage Area (ac)	Impervious treated (ac)	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
1.35	1.35	11.7	1.4	320.0	460.9

Ranking:

Cost (20)	TSS (20)	Bact. (20)	Flood (10)	Goals (20)	Maint. (15)	Land. Coop. (10)	Permit. (15)	Accept /Vis. (10)	Access (10)	Total (150)
15	5	5	5	15	8	8	13	10	10	**94**

* project is part of a larger group of LID BMPs; also WP-14 is in different HUC-12 (in JC-GC)

Project Overview: Low Impact Development 10

Watershed	Project ID	Project Name	Project Type	TOTAL Score	Cost Estimate
030501100202	LID-10	Oakbrook Village	bioretention	84	$246,575

Benefits:

Drainage Area (ac)	Impervious treated (ac)	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
2.38	0.72	11.4	2.5	260.7	375.5

Ranking:

Cost (20)	TSS (20)	Bact. (20)	Flood (10)	Goals (20)	Maint. (15)	Land. Coop. (10)	Permit. (15)	Accept /Vis. (10)	Access (10)	Total (150)
10	5	5	5	15	8	5	13	8	10	**84**

* project is part of a larger group of LID BMPs

Project Overview: Low Impact Development 11

Watershed	Project ID	Project Name	Project Type	TOTAL Score	Cost Estimate
030501100202	LID-11	Oakbrook Village	bioretention	84	$285,349

Benefits:

Drainage Area (ac)	Impervious treated (ac)	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
2.76	0.83	13.3	2.9	302.3	435.4

Ranking:

Cost (20)	TSS (20)	Bact. (20)	Flood (10)	Goals (20)	Maint. (15)	Land. Coop. (10)	Permit. (15)	Accept /Vis. (10)	Access (10)	Total (150)
10	5	5	5	15	8	5	13	8	10	**84**

* project is part of a larger group of LID BMPs

Project Overview: Low Impact Development 12

Watershed	Project ID	Project Name	Project Type	TOTAL Score	Cost Estimate
030501100202	LID-12	Oakbrook Village	bioretention	84	$299,226

Benefits:

Drainage Area (ac)	Impervious treated (ac)	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
2.89	0.87	13.9	3.0	316.5	455.9

Ranking:

Cost (20)	TSS (20)	Bact. (20)	Flood (10)	Goals (20)	Maint. (15)	Land. Coop. (10)	Permit. (15)	Accept /Vis. (10)	Access (10)	Total (150)
10	5	5	5	15	8	5	13	8	10	**84**

* project is part of a larger group of LID BMPs

Project Overview: Low Impact Development 13

Watershed	Project ID	Project Name	Project Type	TOTAL Score	Cost Estimate
030501100202	LID-13	Oakbrook Village	bioretention	84	$132,913

Benefits:

Drainage Area (ac)	Impervious treated (ac)	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
1.28	0.39	6.2	1.3	140.2	201.9

Ranking:

Cost (20)	TSS (20)	Bact. (20)	Flood (10)	Goals (20)	Maint. (15)	Land. Coop. (10)	Permit. (15)	Accept /Vis. (10)	Access (10)	Total (150)
10	5	5	5	15	8	5	13	8	10	**84**

* project is part of a larger group of LID BMPs

Project Overview: Low Impact Development 14

Watershed	Project ID	Project Name	Project Type	TOTAL Score	Cost Estimate
030501100202	LID-14	Oakbrook Village	bioretention	84	$342,138

Benefits:

Drainage Area (ac)	Impervious treated (ac)	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
3.31	0.99	15.9	3.5	362.5	522.2

Ranking:

Cost (20)	TSS (20)	Bact. (20)	Flood (10)	Goals (20)	Maint. (15)	Land. Coop. (10)	Permit. (15)	Accept /Vis. (10)	Access (10)	Total (150)
10	5	5	5	15	8	5	13	8	10	**84**

*project is part of a larger group of LID BMPs

Project Overview: Low Impact Development 6

Watershed	Project ID	Project Name	Project Type	TOTAL Score	Cost Estimate
030501100202	LID-6	Sweetwater	bioretention	84	$198,757

Benefits:

Drainage Area (ac)	Impervious treated (ac)	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
1.92	0.57	9.2	2.0	210.3	302.9

Ranking:

Cost (20)	TSS (20)	Bact. (20)	Flood (10)	Goals (20)	Maint. (15)	Land. Coop. (10)	Permit. (15)	Accept /Vis. (10)	Access (10)	Total (150)
10	5	5	5	15	8	5	13	8	10	**84**

*other projects shown, but not included in this analysis sheet

Project Overview: Low Impact Development 7

Watershed	Project ID	Project Name	Project Type	TOTAL Score	Cost Estimate
030501100202	LID-7	Oakbrook Village	bioretention	84	$237,564

Benefits:

Drainage Area (ac)	Impervious treated (ac)	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
2.30	0.69	10.70	2.1	232	363.9

Ranking:

Cost (20)	TSS (20)	Bact. (20)	Flood (10)	Goals (20)	Maint. (15)	Land. Coop. (10)	Permit. (15)	Accept /Vis. (10)	Access (10)	Total (150)
10	5	5	5	15	8	5	13	8	10	**84**

*other projects shown, but not included in this analysis sheet

Project Overview: Low Impact Development 9

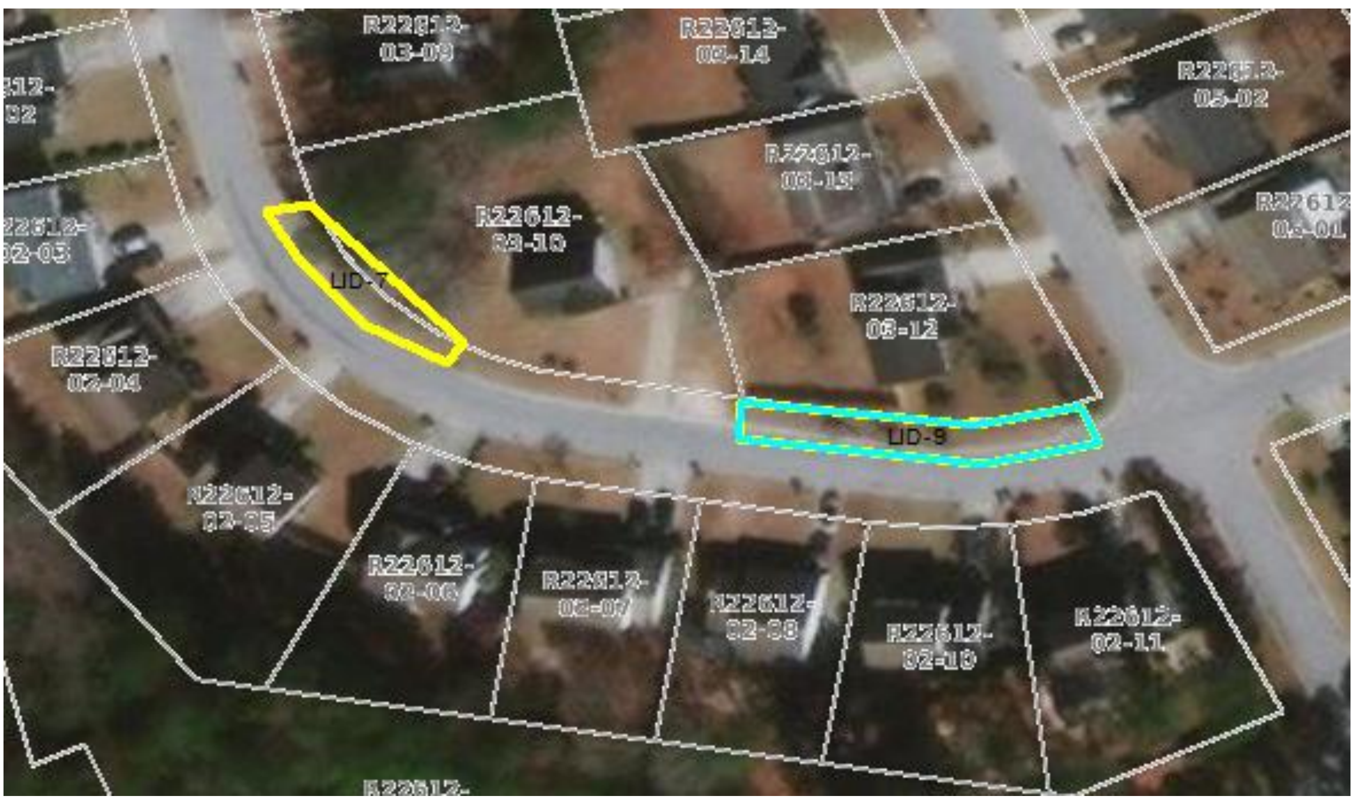
Watershed	Project ID	Project Name	Project Type	TOTAL Score	Cost Estimate
030501100202	LID-9	Oakbrook Village	bioretention	84	$323,557

Benefits:

Drainage Area (ac)	Impervious treated (ac)	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
3.13	0.94	15.0	3.3	342.8	493.8

Ranking:

Cost (20)	TSS (20)	Bact. (20)	Flood (10)	Goals (20)	Maint. (15)	Land. Coop. (10)	Permit. (15)	Accept /Vis. (10)	Access (10)	Total (150)
10	5	5	5	15	8	5	13	8	10	**84**



*other projects shown, but not included in this analysis sheet

Project Overview: Stream Restoration 3

Watershed	Project ID	Project Name	Project Type	TOTAL Score	Cost Estimate
030501100202	SR-03	Mack Creek on Ft. Jackson	Stream restoration	71	$123,555

Benefits:

Drainage Area (ac)	Impervious treated (ac)	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
N/A	N/A	2.1	1.6	2,055.4	0

Ranking:

Cost (20)	TSS (20)	Bact. (20)	Flood (10)	Goals (20)	Maint. (15)	Land. Coop. (10)	Permit. (15)	Accept /Vis. (10)	Access (10)	Total (150)
15	10	0	0	15	15	1	5	6	4	**71**

*other projects shown, but not included in this analysis sheet

Project Overview: Wet Pond 2

Watershed	Project ID	Project Name	Project Type	TOTAL Score	Cost Estimate
030501100203	WP-2	Orphanage Branch attenuation pond @ N. Beltline Blvd.	Retain water in floodplain	138	$1,925,785

Benefits:

Drainage Area (ac)	Impervious treated (ac)	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
558.44	167.40	1,353.4	577.4	71,724.1	88,640.1

Ranking:

Cost (20)	TSS (20)	Bact. (20)	Flood (10)	Goals (20)	Maint. (15)	Land. Coop. (10)	Permit. (15)	Accept /Vis. (10)	Access (10)	Total (150)
20	20	20	10	20	15	5	10	10	8	**138**

*other projects shown, but not included in this analysis sheet

Project Overview: Wet Pond 10

Watershed	Project ID	Project Name	Project Type	TOTAL Score	Cost Estimate
030501100203	WP-10	Pine Belt Rd.	Regional wet detention pond	134	$3,010,541

Benefits:

Drainage Area (ac)	Impervious treated (ac)	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
873.00	637.30	3,350.5	1,078.4	192,312.1	237,668.7

Ranking:

Cost (20)	TSS (20)	Bact. (20)	Flood (10)	Goals (20)	Maint. (15)	Land. Coop. (10)	Permit. (15)	Accept /Vis. (10)	Access (10)	Total (150)
20	20	20	10	20	15	5	10	10	4	**134**

*other projects shown, but not included in this analysis sheet

Project Overview: Wet Pond 12

Watershed	Project ID	Project Name	Project Type	TOTAL Score	Cost Estimate
030501100203	WP-12	Heyward Career & Tech Center	Pond Retrofit	134	$931,095

Benefits:

Drainage Area (ac)	Impervious treated (ac)	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
270.0	81	654.4	279.2	34680.3	42859.7

Ranking:

Cost (20)	TSS (20)	Bact. (20)	Flood (10)	Goals (20)	Maint. (15)	Land. Coop. (10)	Permit. (15)	Accept /Vis. (10)	Access (10)	Total (150)
20	15	20	10	20	15	6	10	10	8	**134**

*other projects shown, but not included in this analysis sheet

Project Overview: Wet Pond 13

Watershed	Project ID	Project Name	Project Type	TOTAL Score	Cost Estimate
030501100203	WP-13	Conners St. undeveloped lots	Regional wet detention pond	134	$931,095

Benefits:

Drainage Area (ac)	Impervious treated (ac)	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
270.00	81.00	654.4	279.2	34,680.3	42,859.7

Ranking:

Cost (20)	TSS (20)	Bact. (20)	Flood (10)	Goals (20)	Maint. (15)	Land. Coop. (10)	Permit. (15)	Accept /Vis. (10)	Access (10)	Total (150)
20	15	20	10	20	15	6	10	10	8	**134**

*other projects shown, but not included in this analysis sheet

Project Overview: Wet Pond 7

Watershed	Project ID	Project Name	Project Type	TOTAL Score	Cost Estimate
030501100203	WP-7	Pinehurst Park	Identified in Pen Branch report as PB-SCM-7	130	$310,365

Benefits:

Drainage Area (ac)	Impervious treated (ac)	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
90.00	30.00	227.8	95.6	12,136.8	14,999.3

Ranking:

Cost (20)	TSS (20)	Bact. (20)	Flood (10)	Goals (20)	Maint. (15)	Land. Coop. (10)	Permit. (15)	Accept /Vis. (10)	Access (10)	Total (150)
20	15	20	10	20	15	6	10	10	4	**130**

*other projects shown, but not included in this analysis sheet

Project Overview: Wet Pond 1

Watershed	Project ID	Project Name	Project Type	TOTAL Score	Cost Estimate
030501100203	WP-1	Holiday Inn Express	Restore functionality of existing pond	122	$175,717

Benefits:

Drainage Area (ac)	Impervious treated (ac)	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
50.95	20.00	139.8	56.8	7,531.1	9,307.3

Ranking:

Cost (20)	TSS (20)	Bact. (20)	Flood (10)	Goals (20)	Maint. (15)	Land. Coop. (10)	Permit. (15)	Accept /Vis. (10)	Access (10)	Total (150)
20	10	15	10	20	15	4	10	10	8	**122**

*other projects shown, but not included in this analysis sheet

Project Overview: Low Impact Development -24

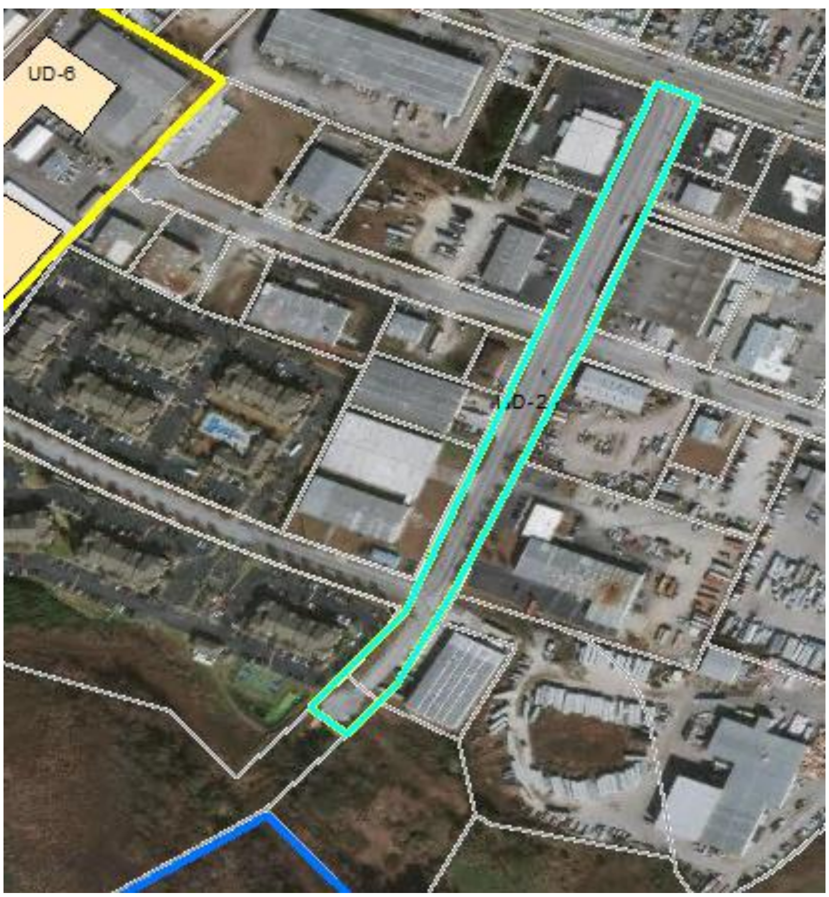
Watershed	Project ID	Project Name	Project Type	TOTAL Score	Cost Estimate
030501100203	LID-24	Bluff Industrial Blvd.	Reduce pavement width, install bioretention	119	$5,907,903

Benefits:

Drainage Area (ac)	Impervious treated (ac)	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
57.11	51.40	469.2	63.5	12,068.3	18,110.6

Ranking:

Cost (20)	TSS (20)	Bact. (20)	Flood (10)	Goals (20)	Maint. (15)	Land. Coop. (10)	Permit. (15)	Accept /Vis. (10)	Access (10)	Total (150)
15	15	20	5	15	8	8	13	10	10	**119**



*other projects shown, but not included in this analysis sheet

Project Overview: Low Impact Development -29

Watershed	Project ID	Project Name	Project Type	TOTAL Score	Cost Estimate
030501100203	LID-29	SCDOT facilities on Shop Rd.	Bioretention/ permeable pavement	119	$4,732,195

Benefits:

Drainage Area (ac)	Impervious treated (ac)	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
45.74	45.74	398.9	48.3	10,470.2	15,712.3

Ranking:

Cost (20)	TSS (20)	Bact. (20)	Flood (10)	Goals (20)	Maint. (15)	Land. Coop. (10)	Permit. (15)	Accept /Vis. (10)	Access (10)	Total (150)
15	15	20	5	15	8	8	13	10	10	**119**

*bioretention would replace WET-2 and permeable pavement where UD projects shown

Project Overview: Wetland 6

Watershed	Project ID	Project Name	Project Type	TOTAL Score	Cost Estimate
030501100203	WET-6	Trenholm Park	Wetland Creation	119	$50,000

Benefits:

Drainage Area (ac)	Impervious treated (ac)	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
10.40	2.75	32.6	10.3	1247	1761.2

Ranking:

Cost (20)	TSS (20)	Bact. (20)	Flood (10)	Goals (20)	Maint. (15)	Land. Coop. (10)	Permit. (15)	Accept /Vis. (10)	Access (10)	Total (150)
20	10	10	10	20	15	6	10	10	8	**119**

*LID projects shown, but not included in this analysis sheet

Project Overview: Wet Pond 11a

Watershed	Project ID	Project Name	Project Type	TOTAL Score	Cost Estimate
030501100203	WP-11a	WG Sanders Middle School	Pond Retrofit	119	$50,000

Benefits:

Drainage Area (ac)	Impervious treated (ac)	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
4.33	4.33	19.9	4.9	1,203.6	1,487.4

Ranking:

Cost (20)	TSS (20)	Bact. (20)	Flood (10)	Goals (20)	Maint. (15)	Land. Coop. (10)	Permit. (15)	Accept /Vis. (10)	Access (10)	Total (150)
20	10	10	10	20	15	6	10	10	8	**119**

*other projects shown, but not included in this analysis sheet

Appendix G – Conservation Project Details

Project Overview: CP-1

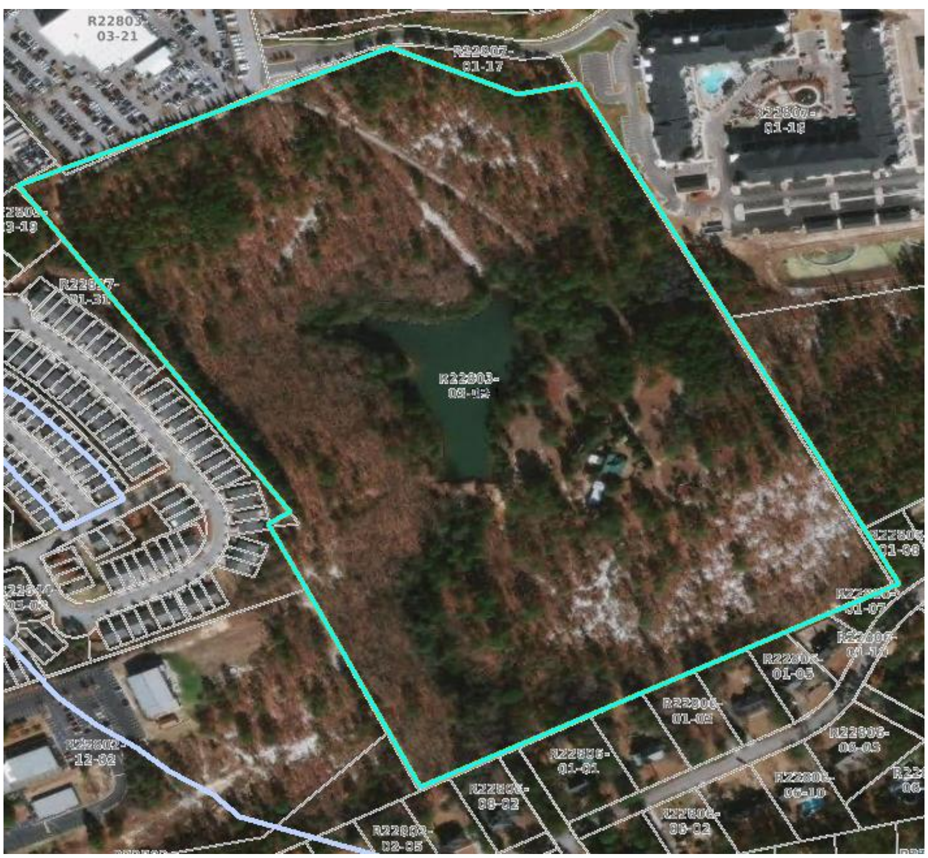
Watershed	Project ID	Project Name	Project Type	Property Value
030501100201	CP-01	Roseberry Property	Conservation Property	$996,900

Benefits: zoned for General Commercial; calculate benefits of keeping undeveloped (forest)

Area (ac)	Impervious treated (ac)	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
46.8	0	553	61	9,039	28,519

Ranking:

Cost (20)	TSS (20)	Bact. (20)	Flood (10)	Goals (20)	Maint. (15)	Land. Coop. (10)	Permit. (15)	Accept /Vis. (10)	Access (10)	Total (150)
1	10	20	0	10	10	1	15	5	10	**82**



*other projects shown, but not included in this analysis sheet

Project Overview: FP-2

Watershed	Project ID	Project Name	Project Type	Property Value
030501100203	FP-2	Lower Watershed Conservation Area	Riparian Buffer	$11,642,800

Benefits: enhance buffer around Gills Creek

Buffer Length (ft)	Buffer Width (ft)	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
22,680	200	1,749	368	43,714	66,234

Ranking:

Cost (20)	TSS (20)	Bact. (20)	Flood (10)	Goals (20)	Maint. (15)	Land. Coop. (10)	Permit. (15)	Accept /Vis. (10)	Access (10)	Total (150)
1	10	20	10	10	12	1	15	5	7	**91**

Project Overview: FP-3

Watershed	Project ID	Project Name	Project Type	Property Value
030501100203	FP-3	Future Palmetto Baseball League fields	Congaree Riparian Buffer (1,000 ft)	$579,600

Benefits: Enhance buffer beside Congaree River

Buffer Length (ft)	Buffer Width (ft)	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
2,228	200	163	34	4,066	6,161

Ranking:

Cost (20)	TSS (20)	Bact. (20)	Flood (10)	Goals (20)	Maint. (15)	Land. Coop. (10)	Permit. (15)	Accept /Vis. (10)	Access (10)	Total (150)
5	10	15	10	5	12	1	15	5	10	**88**

Project Overview: FP-4

Watershed	Project ID	Project Name	Project Type	Property Value
030501100203	FP-4	Intertape Polymer Site	Remove dam; enhance riparian buffer	$7,540,100

Benefits: Enhance riparian buffer around Gills Creek

Buffer Length (ft)	Buffer Width (ft)	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
4,136	200	325	69	8,133	12,323

Ranking:

Cost (20)	TSS (20)	Bact. (20)	Flood (10)	Goals (20)	Maint. (15)	Land. Coop. (10)	Permit. (15)	Accept /Vis. (10)	Access (10)	Total (150)
1	10	20	10	5	12	1	15	5	8	**87**

Project Overview: FP-5

Watershed	Project ID	Project Name	Project Type	Property Value
030501100203	FP-5	Beltline to Croson Rd. (includes FP-5a and FP-5b)	Enhance/Protect Gills Creek Riparian Buffer	numerous

Benefits:

Buffer Length (ft)	Buffer Width (ft)	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
9,168	400	1,383	291	34,565	52,371

Ranking:

Cost (20)	TSS (20)	Bact. (20)	Flood (10)	Goals (20)	Maint. (15)	Land. Coop. (10)	Permit. (15)	Accept /Vis. (10)	Access (10)	Total (150)
1	15	20	10	5	12	1	15	5	8	**92**

(orientation: North on left, south on right)

Project Overview: FP-5a

Watershed	Project ID	Project Name	Project Type	Property Value
030501100203	FP-5	Timberlane Dr.	Purchase 3 lots for conservation	$9,000

Benefits:

Buffer Length (ft)	Buffer Width (ft)	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
253	140	14	3	356	539

Ranking:

Cost (20)	TSS (20)	Bact. (20)	Flood (10)	Goals (20)	Maint. (15)	Land. Coop. (10)	Permit. (15)	Accept /Vis. (10)	Access (10)	Total (150)
20	5	5	10	5	12	5	15	5	8	**90**

Project Overview: FP-5b

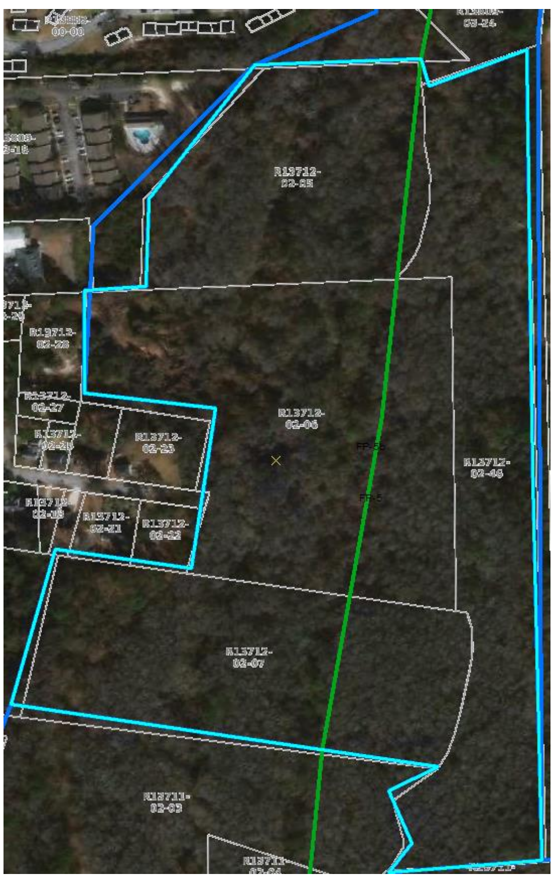
Watershed	Project ID	Project Name	Project Type	Property Value
030501100203	FP-5	Near Mikell Ln, Withers Dr.	Purchase 4 lots for conservation	$30,100

Benefits:

Buffer Length (ft)	Buffer Width (ft)	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
1,982	400	325.3	68.5	8,132.9	12,322.6

Ranking:

Cost (20)	TSS (20)	Bact. (20)	Flood (10)	Goals (20)	Maint. (15)	Land. Coop. (10)	Permit. (15)	Accept /Vis. (10)	Access (10)	Total (150)
20	10	20	10	5	12	5	15	5	8	**110**



Project Overview: FP-6

Watershed	Project ID	Project Name	Project Type	Property Value
030501100203	FP-6	Pen Branch, near N. Beltline	Protect/enhance floodplain owned by City of Forest Acres	$200,000

Benefits: provides easement for any new stream restoration work (SR-15)

Buffer Length (ft)	Buffer Width (ft)	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
140	240	15	3	366	555

Ranking:

Cost (20)	TSS (20)	Bact. (20)	Flood (10)	Goals (20)	Maint. (15)	Land. Coop. (10)	Permit. (15)	Accept /Vis. (10)	Access (10)	Total (150)
5	5	5	10	5	12	5	15	8	10	**80**

Project Overview: FP-7

Watershed	Project ID	Project Name	Project Type	Property Value
030501100203	FP-7	Pen Branch, near W. Buchanan Dr.	FEMA buyout; establish riparian vegetation	$454,300

Benefits: provides easement for any new stream restoration work (SR-15)

Buffer Length (ft)	Buffer Width (ft)	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
210	220	18	4	447	678

Ranking:

Cost (20)	TSS (20)	Bact. (20)	Flood (10)	Goals (20)	Maint. (15)	Land. Coop. (10)	Permit. (15)	Accept /Vis. (10)	Access (10)	Total (150)
1	5	5	10	5	12	5	15	10	10	**78**

Project Overview: FP-8

Watershed	Project ID	Project Name	Project Type	Property Value
030501100203	FP-8	Eightmile Branch, near Renaissance Way	Protect undeveloped parcels in floodplain	$2,998,800

Benefits: provides easement for any new stream restoration work (SR-15)

Buffer Length (ft)	Buffer Width (ft)	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
1,097	200	81	17	2,033	3,081

Ranking:

Cost (20)	TSS (20)	Bact. (20)	Flood (10)	Goals (20)	Maint. (15)	Land. Coop. (10)	Permit. (15)	Accept /Vis. (10)	Access (10)	Total (150)
1	5	10	10	5	12	1	15	5	8	**72**

Project Overview: FP-9

Watershed	Project ID	Project Name	Project Type	Property Value
030501100203	FP-9	Pen Branch, near Boyer Dr.	FEMA buyout; restore riparian vegetation	$17,200

Benefits: also could be location for structural BMP* (UD-16)

Buffer Length (ft)	Buffer Width (ft)	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
90	120	5	1	122	185

Ranking:

Cost (20)	TSS (20)	Bact. (20)	Flood (10)	Goals (20)	Maint. (15)	Land. Coop. (10)	Permit. (15)	Accept /Vis. (10)	Access (10)	Total (150)
10	5	5	10	5	12	5	15	10	10	**87**

Project Overview: FP-10

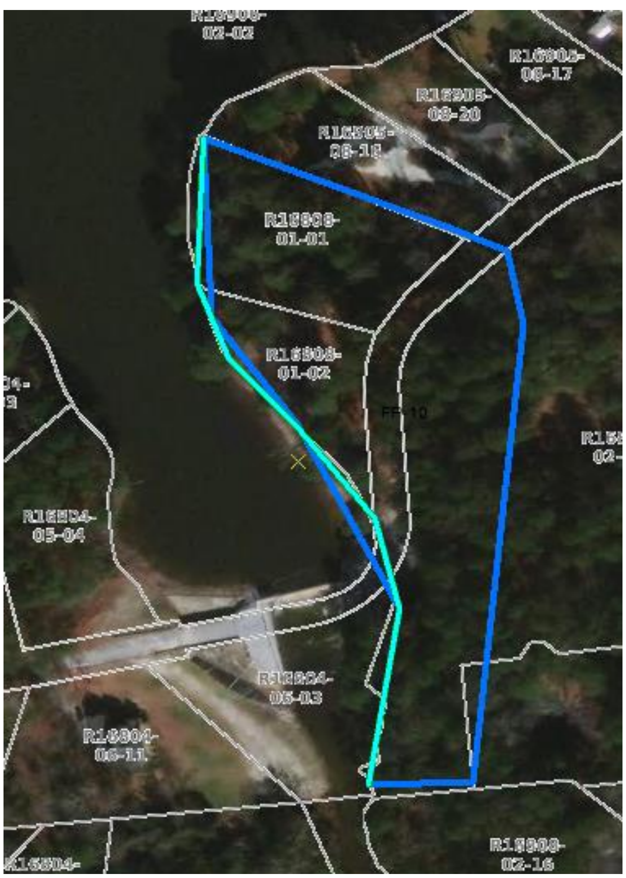
Watershed	Project ID	Project Name	Project Type	Property Value
030501100201	FP-10	Arcadia Lakes Dr. E	Protect undeveloped area near Cary Lake	$450,400

Benefits:

Buffer Length (ft)	Buffer Width (ft)	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
922	200	81	17	2,033	3,081

Ranking:

Cost (20)	TSS (20)	Bact. (20)	Flood (10)	Goals (20)	Maint. (15)	Land. Coop. (10)	Permit. (15)	Accept /Vis. (10)	Access (10)	Total (150)
1	10	10	10	5	12	1	15	5	10	**79**



Project Overview: FP-11

Watershed	Project ID	Project Name	Project Type	Property Value
030501100201	FP-11	Little Jackson Creek/Jackson Creek conservation area	Enhance and protect existing riparian area	$7,660,600

Benefits:

Buffer Length (ft)	Buffer Width (ft)	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
6,966	500	1,322	278	33,040	50,061

Ranking:

Cost (20)	TSS (20)	Bact. (20)	Flood (10)	Goals (20)	Maint. (15)	Land. Coop. (10)	Permit. (15)	Accept /Vis. (10)	Access (10)	Total (150)
1	15	20	10	5	12	1	15	5	8	**92**

Project Overview: FP-12

Watershed	Project ID	Project Name	Project Type	Property Value
030501100201	FP-12	Undeveloped portion of E. Richland PSD property	Protect and enhance buffer vegetation	$164,200

Benefits: also could be location for structural BMP* (UD-16)

Buffer Length (ft)	Buffer Width (ft)	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
120	400	16	3	407	616

Ranking:

Cost (20)	TSS (20)	Bact. (20)	Flood (10)	Goals (20)	Maint. (15)	Land. Coop. (10)	Permit. (15)	Accept /Vis. (10)	Access (10)	Total (150)
10	5	5	10	5	12	5	15	5	8	**80**

Project Overview: FP-13

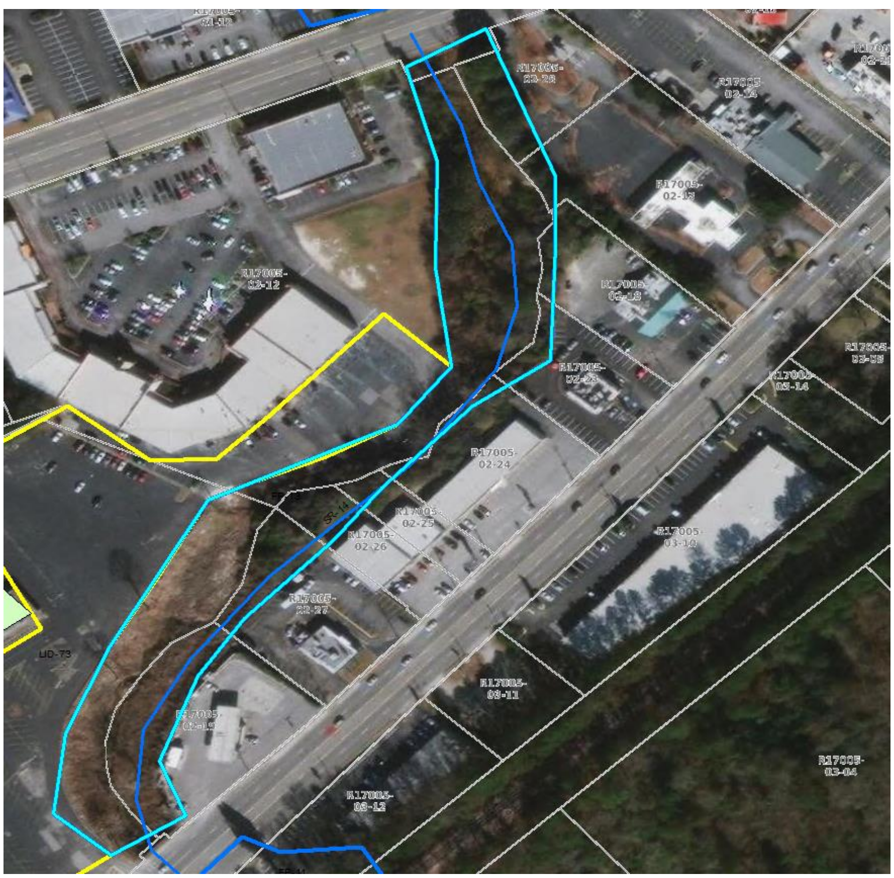
Watershed	Project ID	Project Name	Project Type	Property Value
030501100201	FP-13	Little Jackson Creek from Two Notch Rd. to O'Neil Ct.	Protect and enhance existing buffer	$9,664,300

Benefits: also could be location for structural BMP* (UD-16)

Buffer Length (ft)	Buffer Width (ft)	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
1,460	100	100	61	13	1,525

Ranking:

Cost (20)	TSS (20)	Bact. (20)	Flood (10)	Goals (20)	Maint. (15)	Land. Coop. (10)	Permit. (15)	Accept /Vis. (10)	Access (10)	Total (150)
1	5	10	10	5	12	1	15	7	8	**74**



Project Overview: FP-14

Watershed	Project ID	Project Name	Project Type	Property Value
030501100201	FP-14	Little Jackson Creek from O'Neil Ct. to Firelane Rd.	Protect and enhance existing buffer vegetation	$10,416,600

Benefits: also could be location for structural BMP* (UD-16)

Buffer Length (ft)	Buffer Width (ft)	TN (lb/yr)	TP (lb/yr)	TSS (lb/yr)	Bacteria (billion CFU/yr)
2,315	200	163	34	4,066	6,161

Ranking:

Cost (20)	TSS (20)	Bact. (20)	Flood (10)	Goals (20)	Maint. (15)	Land. Coop. (10)	Permit. (15)	Accept /Vis. (10)	Access (10)	Total (150)
1	10	15	10	5	12	1	15	7	8	**84**