CHAPTER 14: SITE ANALYSIS FOR POTENTIAL STRUCTURAL ALTERNATIVES

14.1 Overview

This chapter describes a series of structural alternatives that could potentially be used to improve water quality and natural systems for the Sweetwater Creek watershed. A series of analyses were performed using GIS to strategically locate water quality and natural systems alternatives. The methods used to identify these projects are also described.

Water quality conditions were evaluated using the County's Water Quality Treatment Level of Service criteria and pollutant loading model. The alternatives have been developed to improve water quality and natural systems and address the goals of the county in these areas.

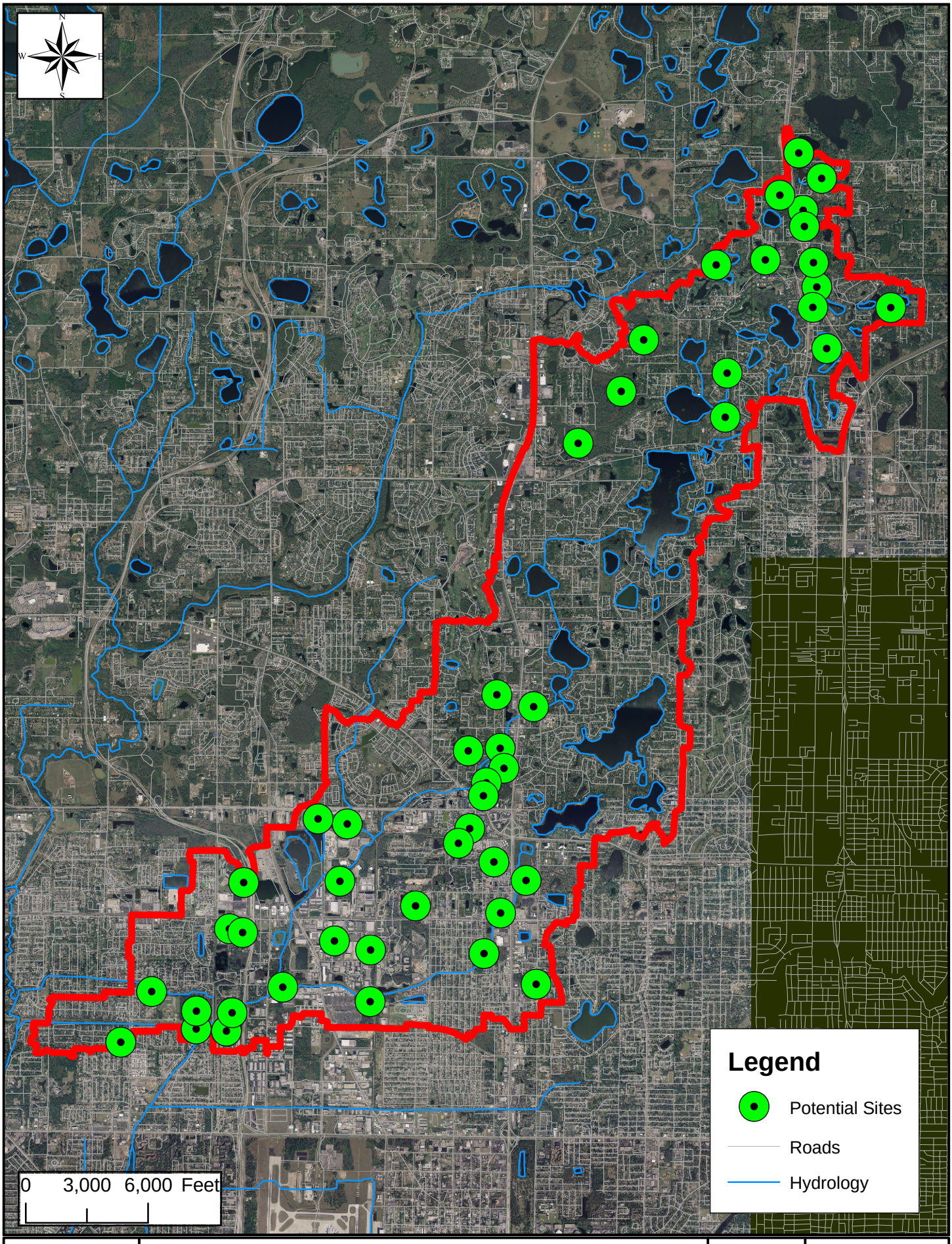
To facilitate locating undeveloped/open lands for construction of water quality treatment ponds, GIS land use data and most recent aerial photography were used to identify the most suitable and cost-effective sites within the watershed.

A similar methodology was used to identify potential wetland restoration areas within the Sweetwater Creek watershed.

14.2 Identification and Prioritization of Sites

In order to determine the best possible locations for potential structural alternatives, analysis of the recent aerial photography (2006) of the area was conducted. The first step of the process involved visual identification of areas that could potentially serve as stormwater treatment locations or wetland restoration areas. In order to complete this task, aerial photographs were analyzed for location of areas/lands that appeared to be undeveloped and with sufficient areas suitable for installing a storm water basin. This analysis produced 48 locations for potential structural alternatives (Figure 14-1). This study did not include a comparative analysis for different types of treatment for water quality improvement (e.g., alum treatment, detention ponds).

In order to treat surface water effectively, it is beneficial to position alternatives in close proximity to a major stream network, in order to treat larger quantities of water. For completion of this task, the alternatives were prioritized based on their proximity to the major stream network. Using a variety of ArcView 8.3 spatial analysis functions, a 500-meter buffer was created around the major stream network. Next, locations of potential structural alternatives sites identified in the previous step of the process, were divided into two categories based on whether they fall within the 500-meter buffer or outside of the major stream network buffer.



Potential Project Locations in the Sweetwater Creek Watershed

Figure 14-1

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This step yielded 41 locations of potential structural alternatives that fall within 500 meters of the major stream network (Figure 14-2).

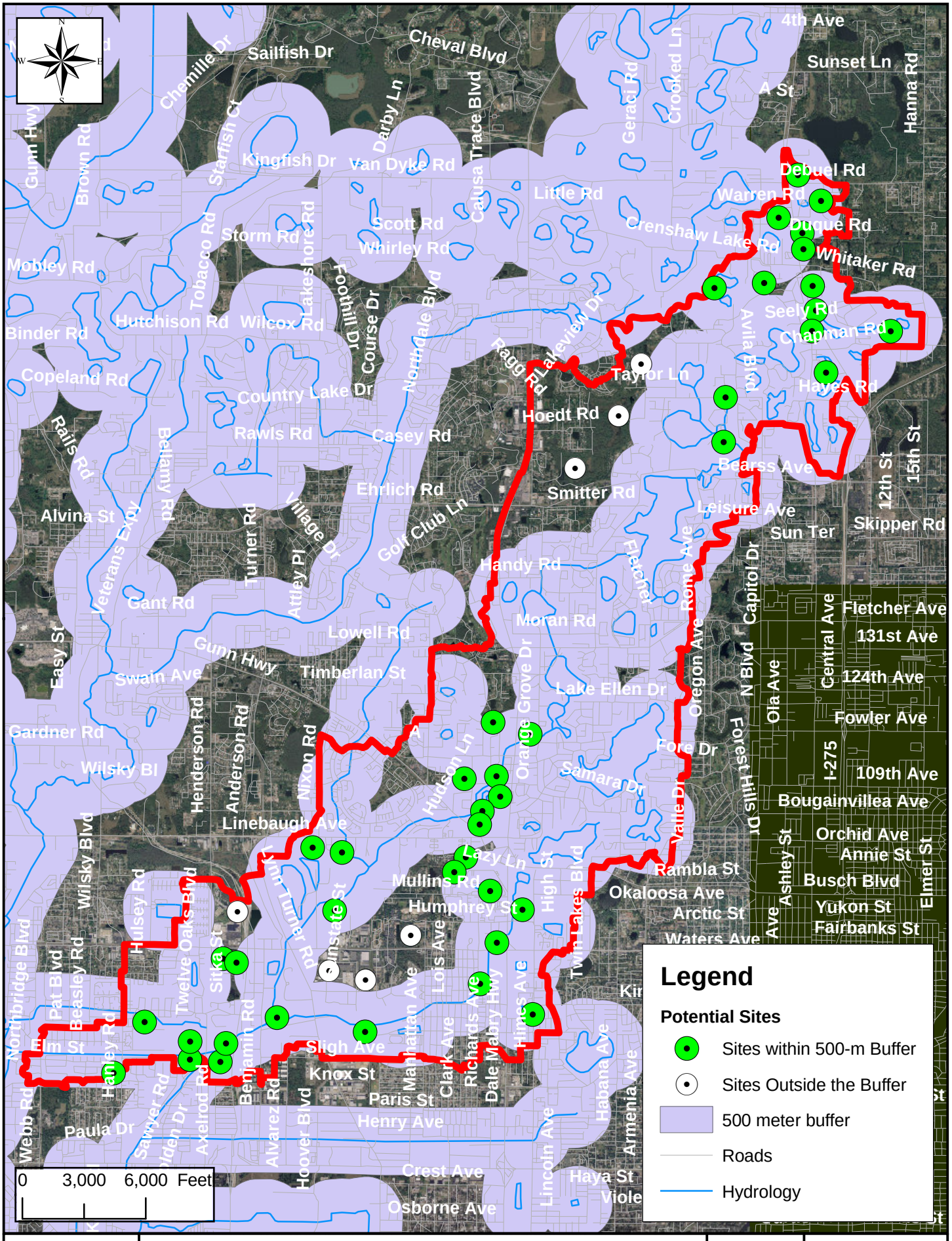
In order to verify that the sites we selected have no existing construction, land use information was used to identify locations classified as “open areas.” In order to complete this task, the land use shapefile was analyzed and areas with FLUCFCS codes designating such land use categories as agricultural lands, open land, or upland forest were extracted as a separate layer. Next, 48 potential alternatives identified in the first step of the process were overlaid with the newly created “open areas” layer. Out of these locations, 11 fell within the “open areas” (Figure 14-3).

Whenever identifying a location for a new structural alternative, it is more appropriate to select parcels that are owned by the government and not private entities. Land acquisition process for the purpose of water quality and water quantity improvement is a process that is not only lengthy, but also very costly. Based on this fact, the alternatives were further prioritized based on their ownership. Hillsborough county parcels layer was used to identify lands that belong to governmental entities. In order to complete this task, we identified the Department of Revenue (DOR) Land Use codes that represent lands owned by the government (Governmental DOR Codes range between 80 and 89).

Once a new layer of “Governmentally owned lands” was extracted, we were able to separate the original 48 potential structural alternatives sites based on their ownership (governmentally owned lands vs. all others). This process identified a total of 8 potential parcels under government ownership that could potentially be utilized for stormwater treatment and wetland improvement purposes (Figure 14-4).

In order to identify the final selections, the results of all the steps of the aforementioned analysis were combined. In other words, while prioritizing the original 48 potential structural alternatives locations, more importance and consideration was given to locations that fell within the 500-meter buffer of the major stream network, that belonged to the “open areas” land use types, and that are owned by the governmental entities.

Because none of the potential project sites met all three criteria (buffer, open land, and governmental ownership), sites meeting only two criteria were selected as "Final Sites" (Buffer AND Open Land/Buffer AND Governmental Ownership). Thus, a total of 17 potential sites will be field inspected (Figure 14-5).


Legend
Potential Sites
Sites within 500-m Buffer
Sites Outside the Buffer
500 meter buffer
Roads
Hydrology
0 3,000 6,000 Feet
Sailfish Dr
Cheval Blvd
Chemille Dr
Darby Ln
Calusa Trace Blvd
Gerard Rd
Crooked Ln
4th Ave
Sunset Ln
A St
Hanna Rd
Gunn Hwy
Brown Rd
Starfish Ct
Kingfish Dr
Van Dyke Rd
Little Rd
Debuel Rd
Warren Rd
Duque Rd
Whitaker Rd
Crenshaw Lake Rd
Mobley Rd
Storm Rd
Scott Rd
Whirley Rd
Tobacco Rd
Lakeshore Rd
Foothill Dr
Course Dr
Northdale Blvd
Binder Rd
Hutchison Rd
Wilcox Rd
Lakeview Dr
Pagg Pl
Taylor Ln
Seely Rd
Chapman Rd
Hayes Rd
Copeland Rd
Country Lake Dr
Hoedt Rd
Rawls Rd
Casey Rd
Rails Rd
Bellamy Rd
Smitter Rd
Bearss Ave
12th St
15th St
Ehrlich Rd
Alvina St
Veterans Expy
Turner Rd
Village Dr
Attley Pl
Golf Club Ln
Leisure Ave
Sun Ter
Skipper Rd
Handy Rd
Gant Rd
Moran Rd
Lowell Rd
Easy St
Gunn Hwy
Timberlan St
Swain Ave
Lake Ellen Dr
Orange Grove Dr
Fletcher
Rome Ave
Oregon Ave
Capitol Dr
N Blvd
Fletcher Ave
Central Ave
131st Ave
124th Ave
Ola Ave
Fowler Ave
Gardner Rd
Wilsky Bl
Henderson Rd
Anderson Rd
Nixon Rd
Hudson Ln
Samara Dr
Fore Dr
Forest Hills Dr
I-275
109th Ave
Bougainvillea Ave
Linebaugh Ave
Wilsky Blvd
Hulsey Rd
Twelve Oaks Blvd
Lazy Ln
Mullins Rd
Humphrey St
High St
Onstott St
Lois Ave
Twin Lakes Blvd
Valle Dr
Rambla St
Okaloosa Ave
Arctic St
Waters Ave
Orchid Ave
Annie St
Busch Blvd
Yukon St
Fairbanks St
Ashley St
Elmer St
Ave
Northridge Blvd
Pat Blvd
Beasley Rd
Sitka St
Elm St
Hanley Rd
Webb Rd
Paula Dr
Sawyer Rd
Axelrod Rd
Benjamin Rd
Alvarez Rd
Hoover Blvd
Sligh Ave
Knox St
Paris St
Henry Ave
Manhattan Ave
Clark Ave
Richards Ave
Dale Mabry Hwy
Hines Ave
Habana Ave
Armenia Ave
Lincoln Ave
Crest Ave
Osborne Ave
Haya St
Viole
Sweetwater Creek Watershed - 500 meter Buffer from Streams
Figure 14-2
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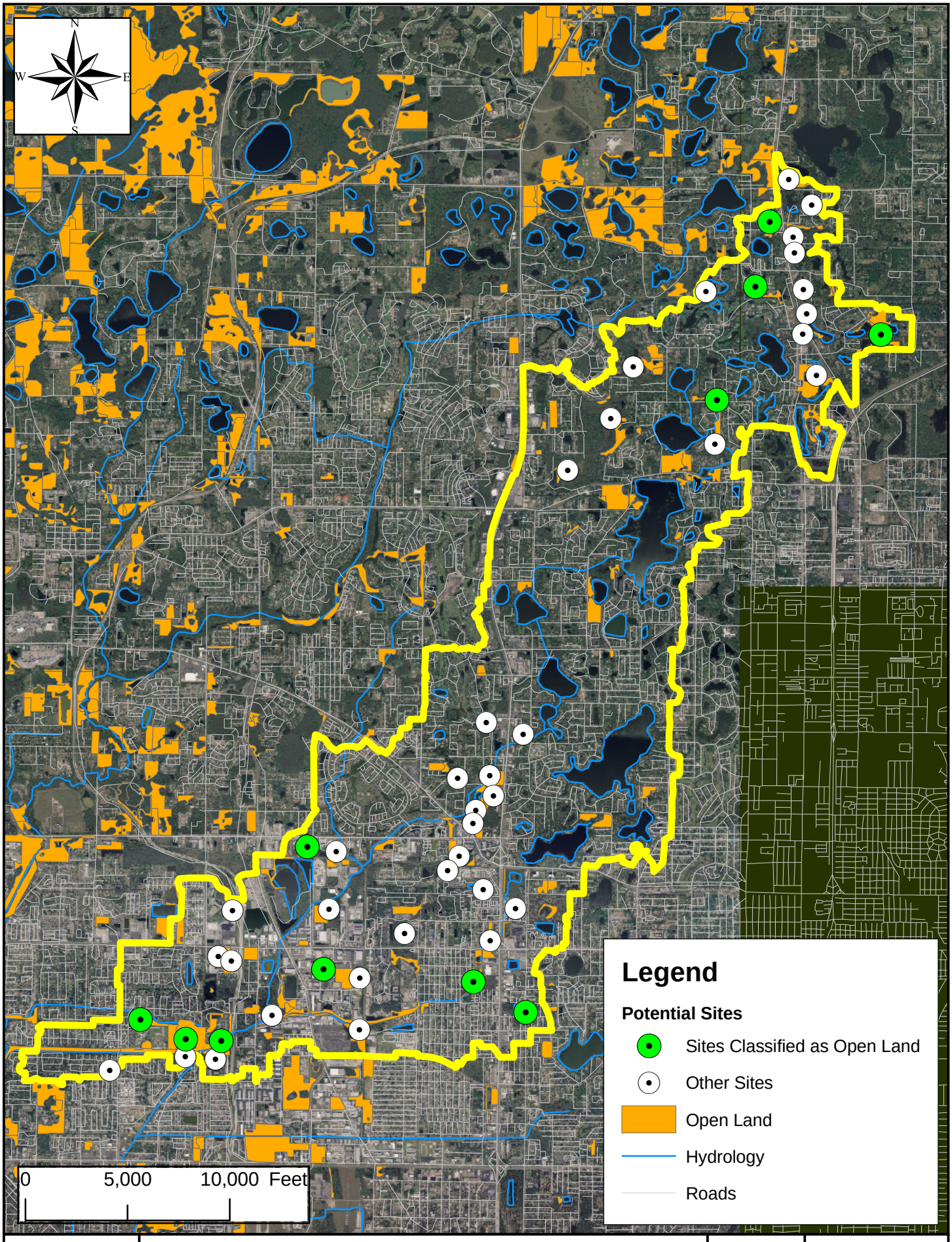

Sweetwater Creek Watershed - Open Areas

Figure 14-3

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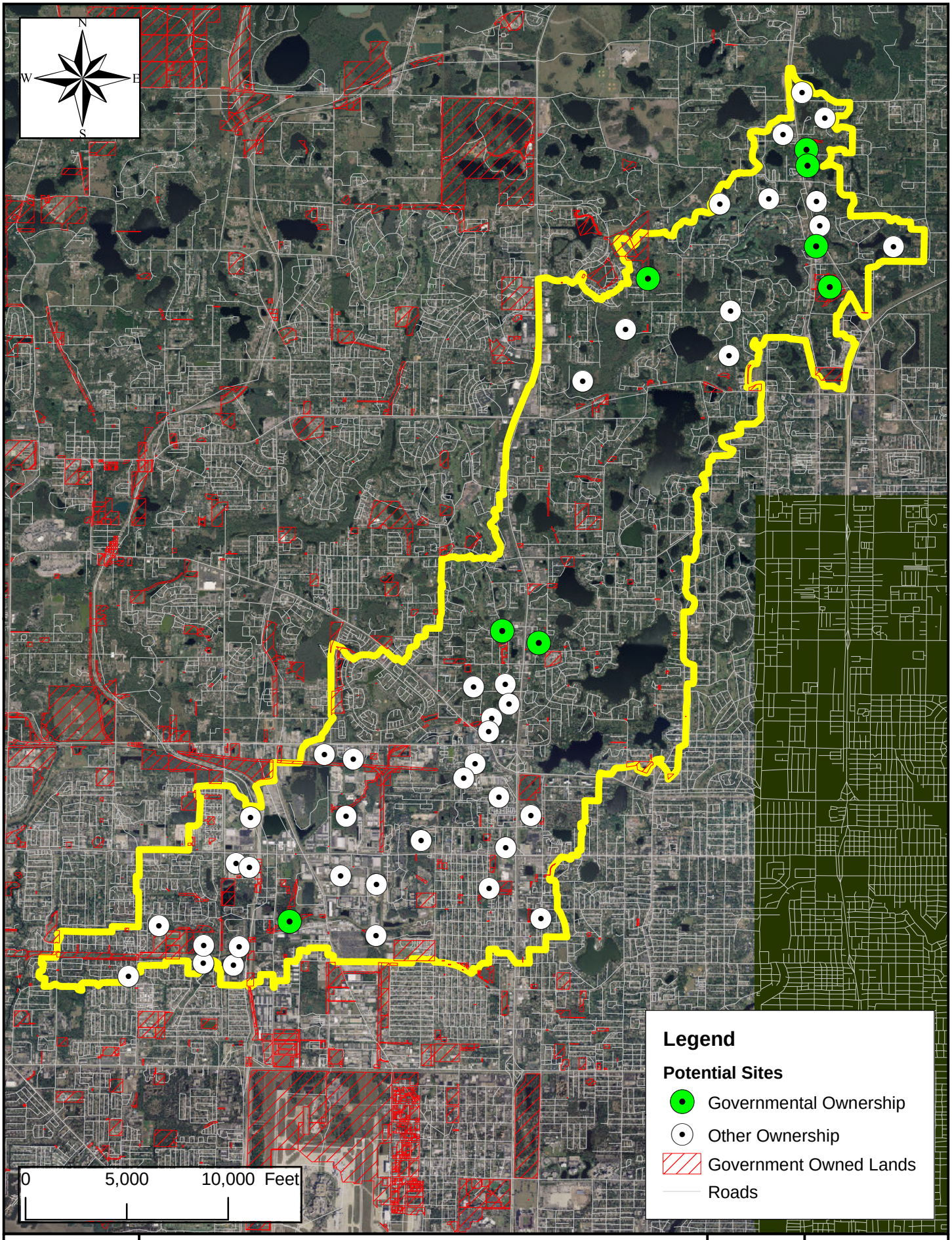

Sweetwater Creek Watershed - Government Owned Lands

Figure 14-4

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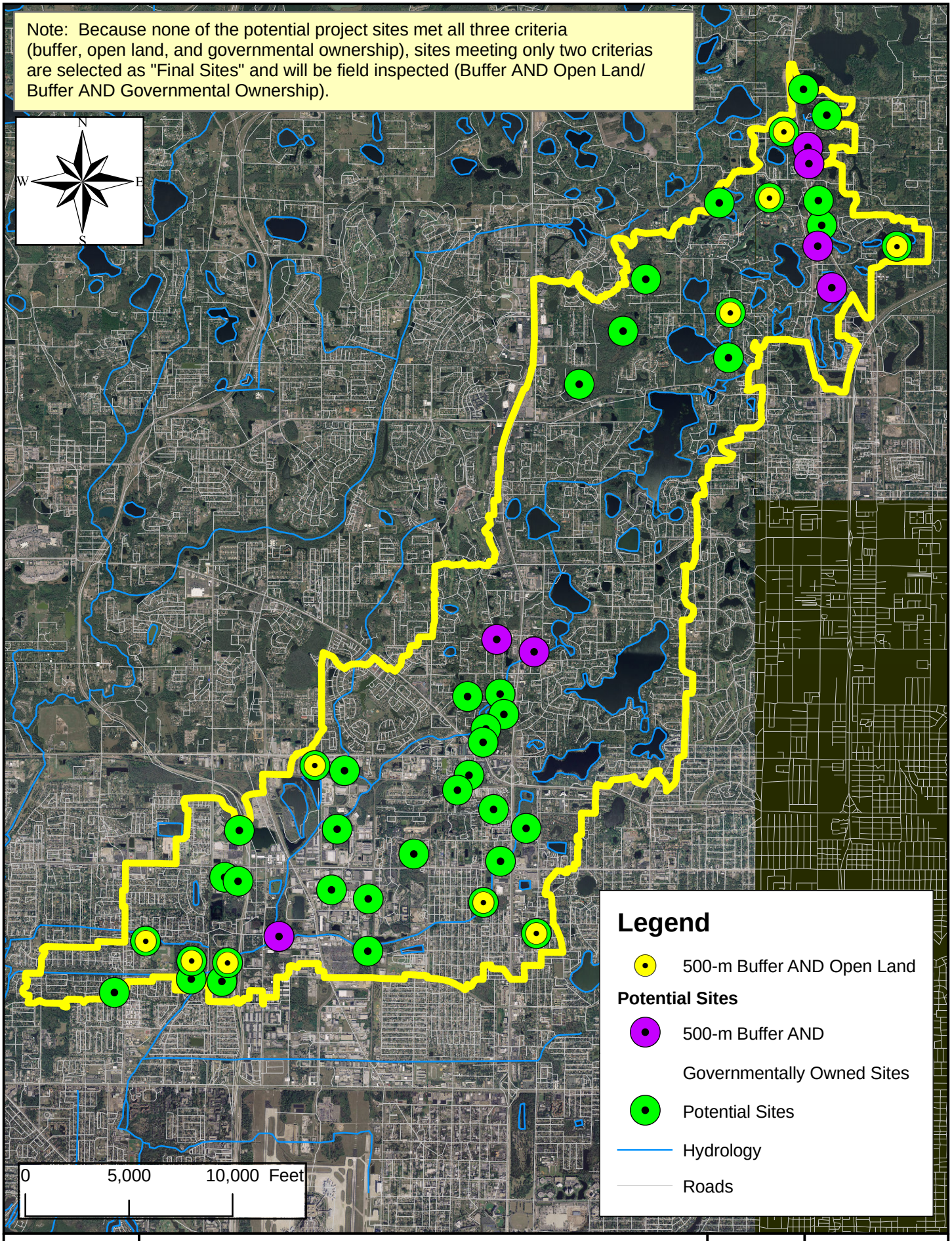

Sweetwater Creek Watershed - Final Selection

Figure 14-5

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14.2.1 Potential Project Site 1: Dennison

Potential project site 1 is located in the northern portion of the Sweetwater Creek watershed. It is represented by a large parcel (approximately 5 acres) located in the northwestern corner of the US-41 and Dennison Road intersection (Figure 14-6). The site is located in close proximity to the major stream network and a number of large lakes. The parcel is privately owned, so there may be a possibility for land acquisition. The site is located behind what appears to be a small shopping center, next to a private residence.

Based on analysis of the aerial photography and other GIS information, this location exists in the area that contributes large amounts of surface water pollution. Based on its size, proximity to the stream network, and land use classification, this location may be utilized for construction of a water treatment system.

14.2.2 Potential Project Site 2: US-41

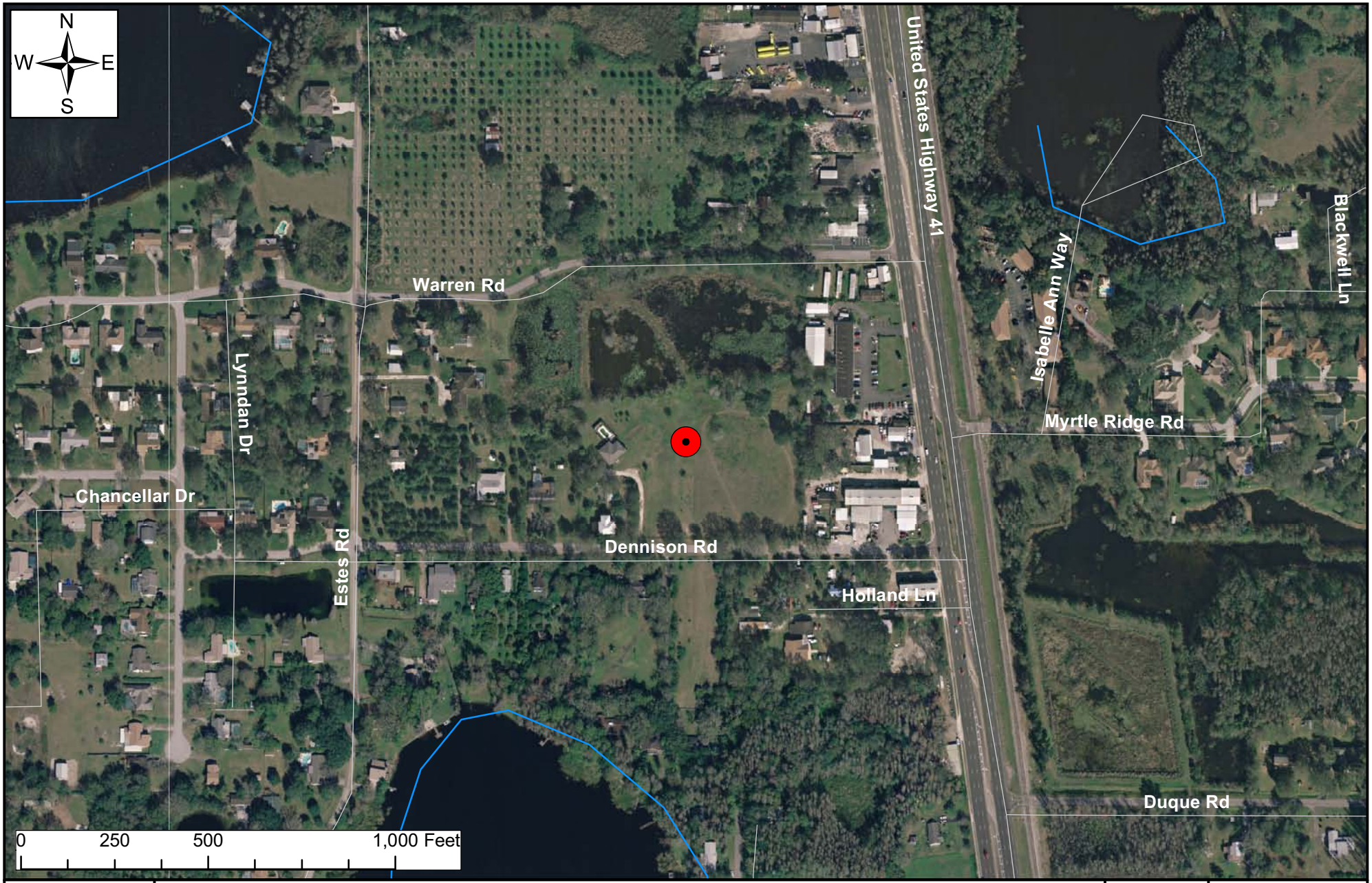
Potential project site 2 is located in the northern portion of the Sweetwater Creek watershed. It is represented by an open parcel (approximately 3 acres) located in the northeastern corner of the US-41 and Duque Road intersection (Figure 14-7). The site is located in close proximity to the major stream network and a number of large lakes. The parcel is under governmental ownership; therefore, no land acquisition cost will be incurred. There is a wetland located to the east of the site, which may provide an area for a wetland improvement/expansion project.

Based on analysis of the aerial photography and other GIS information, this location exists in the area that contributes large amounts of surface water pollution. Based on its size, proximity to the stream network, ownership, and land use classification, this location may be utilized for construction of a water treatment system.

14.2.3 Potential Project Site 3: Duque

Potential project site 3 is located in the northern portion of the Sweetwater Creek watershed. It is represented by an open parcel (approximately 3 acres) located in the northeastern corner of the US-41 and Duque Road intersection (Figure 14-8). This site is located directly to the south of the previously suggested site (on the other site of Duque Road). The site is located in close proximity to the major stream network and a number of large lakes. The parcel is under governmental ownership; therefore, no land acquisition cost will be incurred. There is a wetland located to the east of the site, which may provide an area for a wetland improvement/expansion project.

Based on analysis of the aerial photography and other GIS information, this location exists in the area that contributes large amounts of surface water pollution. Based on its size, proximity to the stream network, ownership, and land use classification, this location may be utilized for construction of a water treatment system.



Potential Project Site 1: Dennison

Figure 14-6

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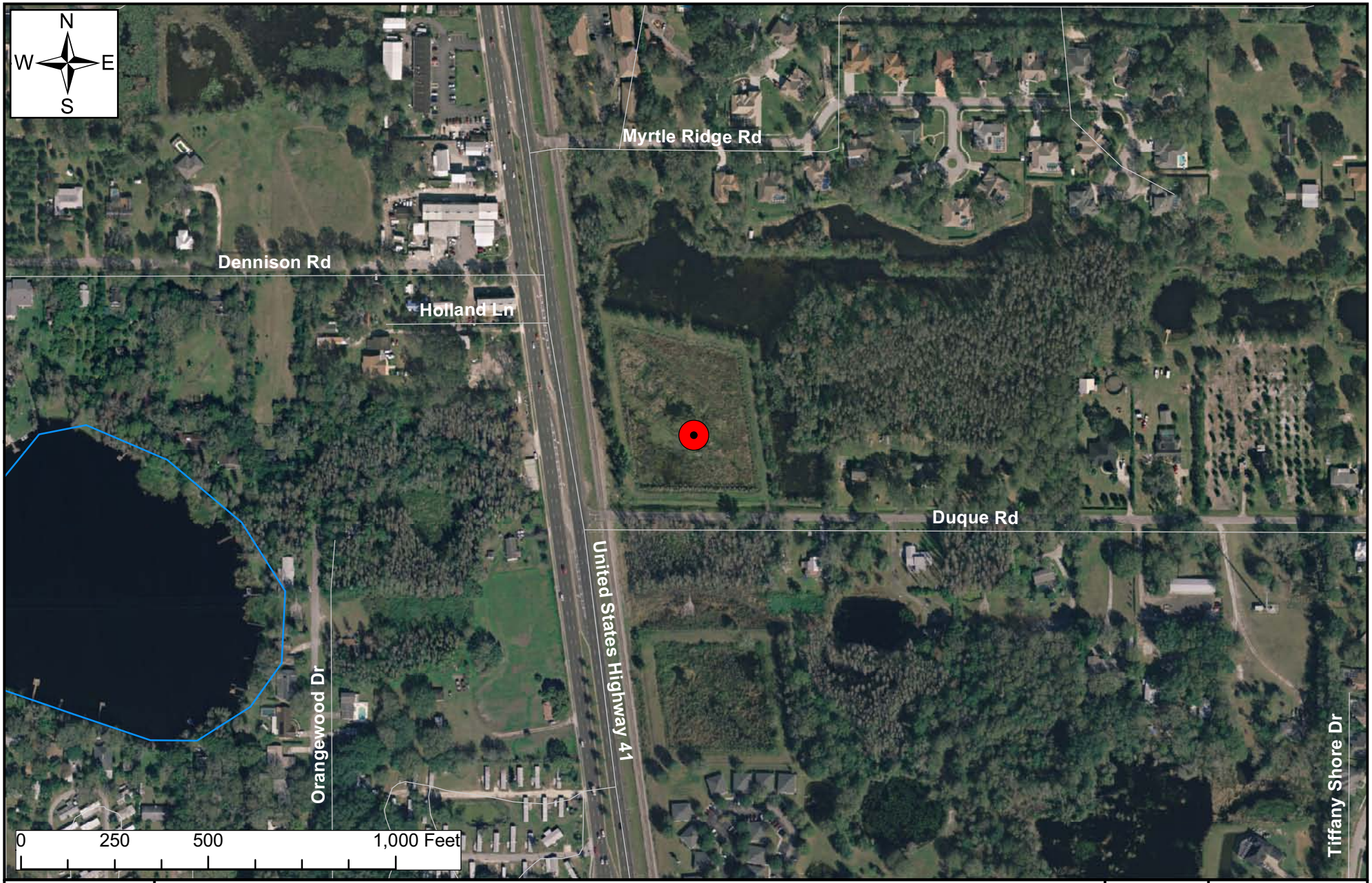

Potential Project Site 2: US-41

Figure 14-7

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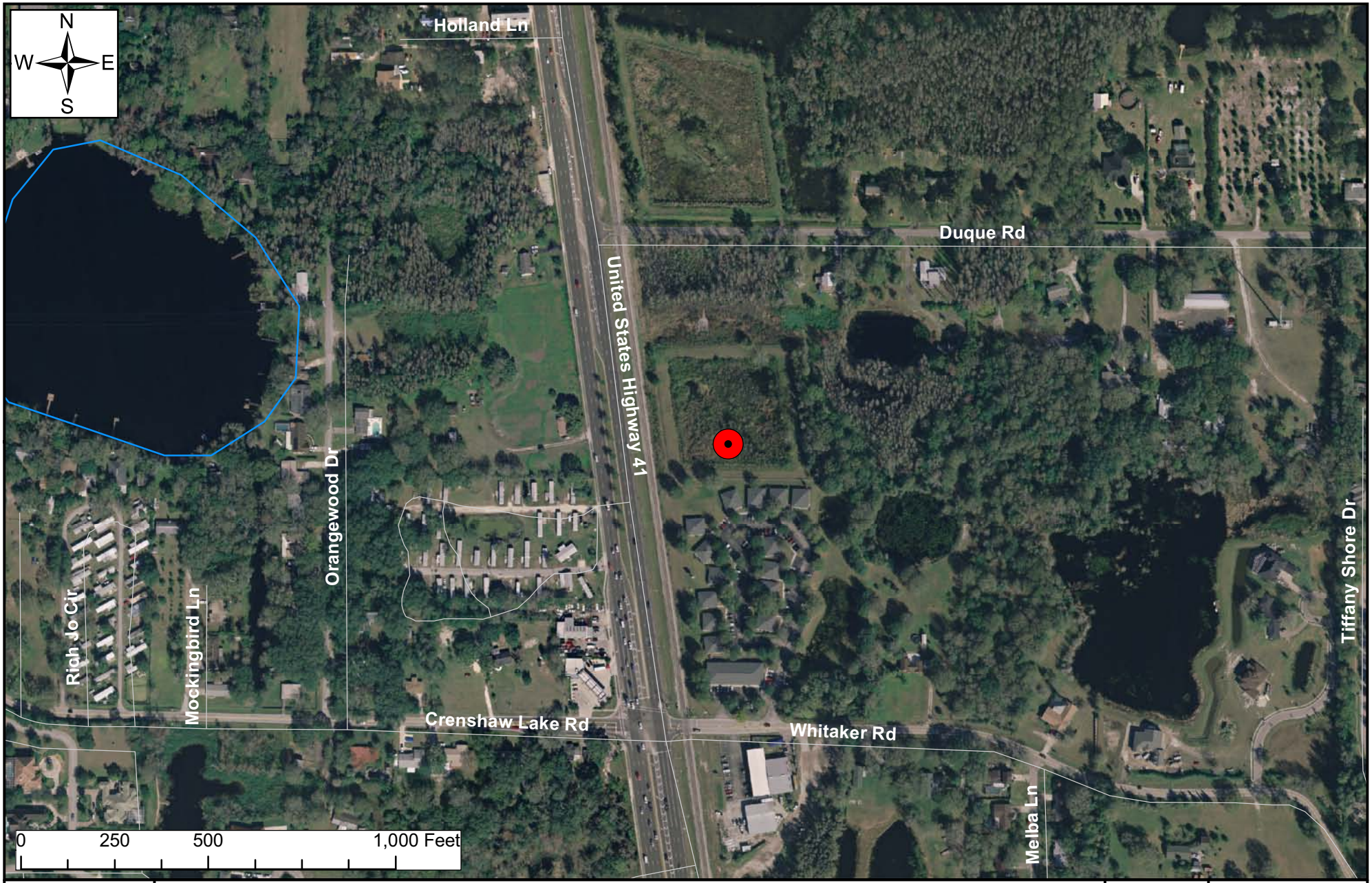

Potential Project Site 3: Duque

Figure 14-8

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14.2.4 Potential Project Site 4: Valseca de Avila

Potential project site 4 is located in the northern portion of the Sweetwater Creek watershed. It is represented by a small open parcel located on the premises of the Avila subdivision (Figure 14-9). The site is located in proximity a number of major lakes. Review of the aerial photography shows a small wetland feature located directly to the east of the site, which may provide an area for a wetland improvement/expansion project. On the downside, the parcel is privately owned and land acquisition costs may be significant.

This location exists in the area that contributes large amounts of surface water pollution. Based on its size, proximity to the stream network, and land use classification (open land), this location may be utilized for construction of a water treatment system.

14.2.5 Potential Project Site 5: Avila

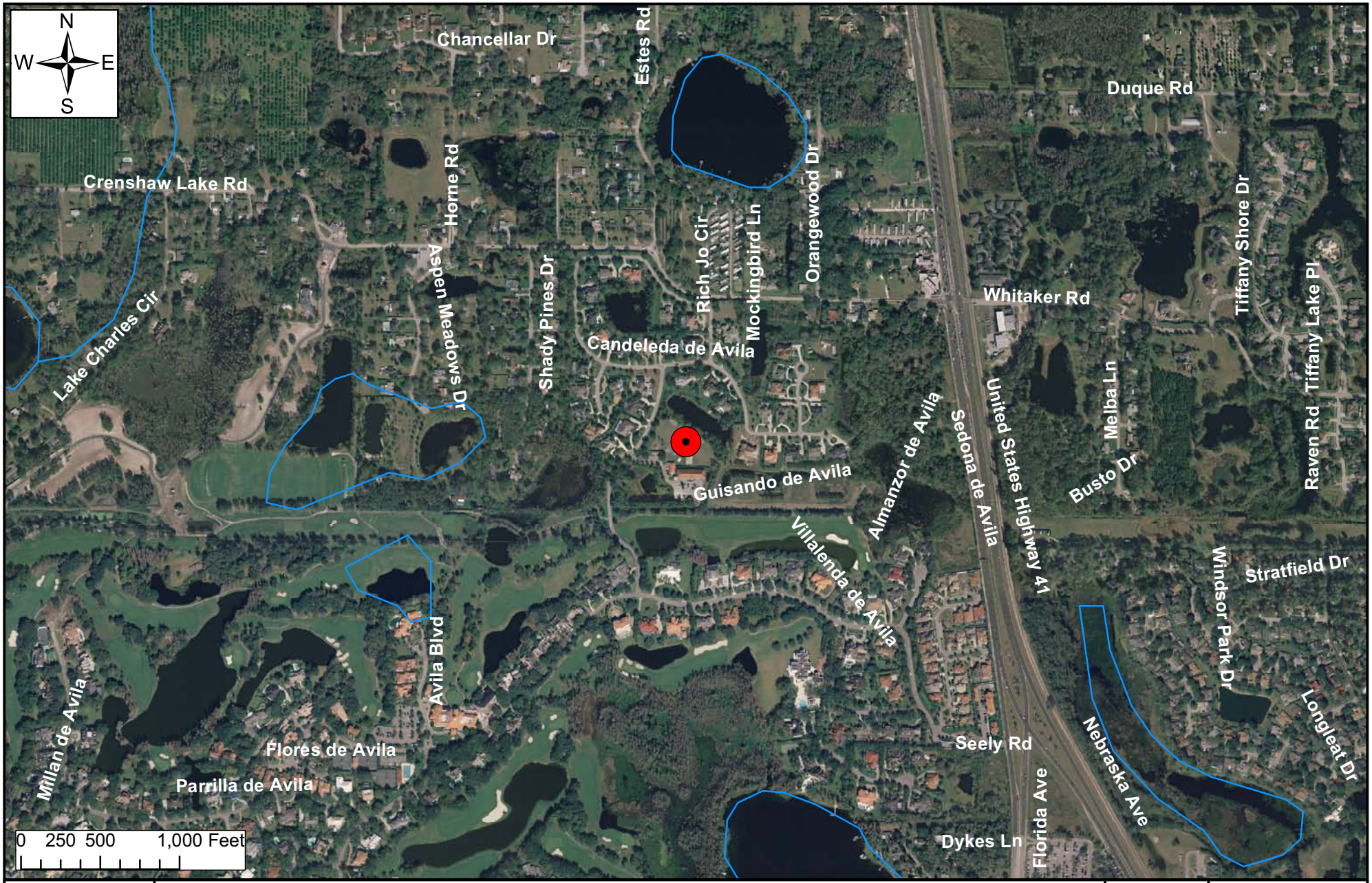
Potential project site 5 is located in the northern portion of the Sweetwater Creek watershed. It is represented by two large forested parcels on both sides of Lake Magdalene Boulevard, located at the entrance to the Avila subdivision (Figure 14-10). The site is located in proximity of a number of major lakes. Review of the aerial photography shows that in addition to forested areas, there may be a wetland system in conjunction with the site, which may provide an area for a wetland improvement/expansion project. On the downside, the parcel is privately owned and land acquisition costs may be significant.

This location exists in the area that contributes large amounts of surface water pollution. Based on its size, proximity to the stream network, and land use classification, this location may be utilized for construction of a water treatment system.

14.2.6 Potential Project Site 6: Nebraska

Potential project site 6 is located in the northern portion of the Sweetwater Creek watershed. It is represented by a forested parcel located in the southwest corner of Nebraska Avenue and Chapman Road (Figure 14-11). The site is located in proximity of a number of major lakes. Review of the aerial photography shows that in addition to forested areas there may be wetland features and small natural water features in conjunction with the site, which may provide an area for a wetland improvement/expansion project. The parcel is governmentally owned; therefore, land acquisition would not be necessary.

This location exists in the area that contributes large amounts of surface water pollution. Based on its size, proximity to the stream network, ownership, and land use classification, this location may be utilized for construction of a water treatment system.



Potential Project Site 4: Valseca de Avila

Figure 14-9

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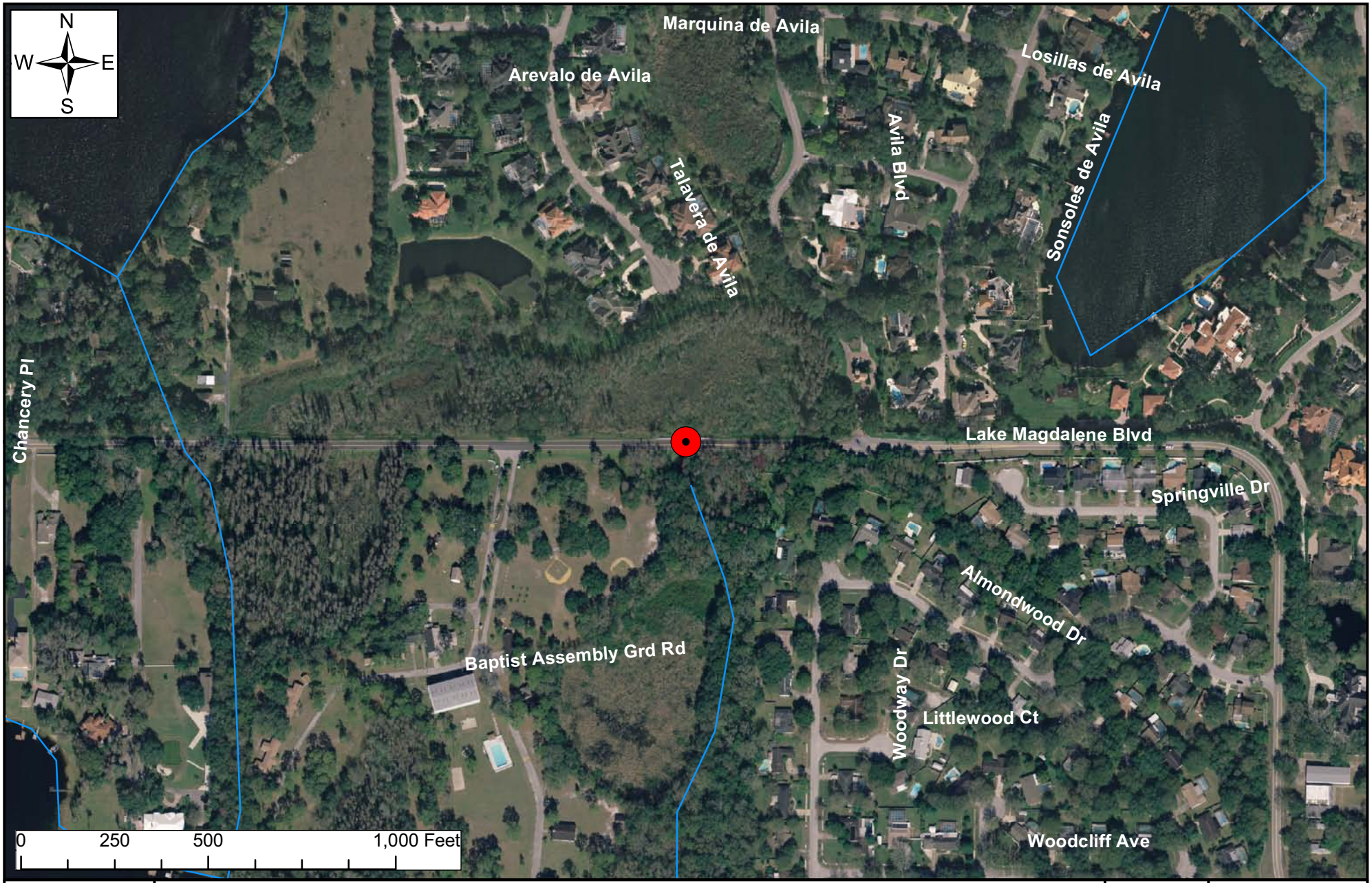

Potential Project Site 5: Avila

Figure 14-10

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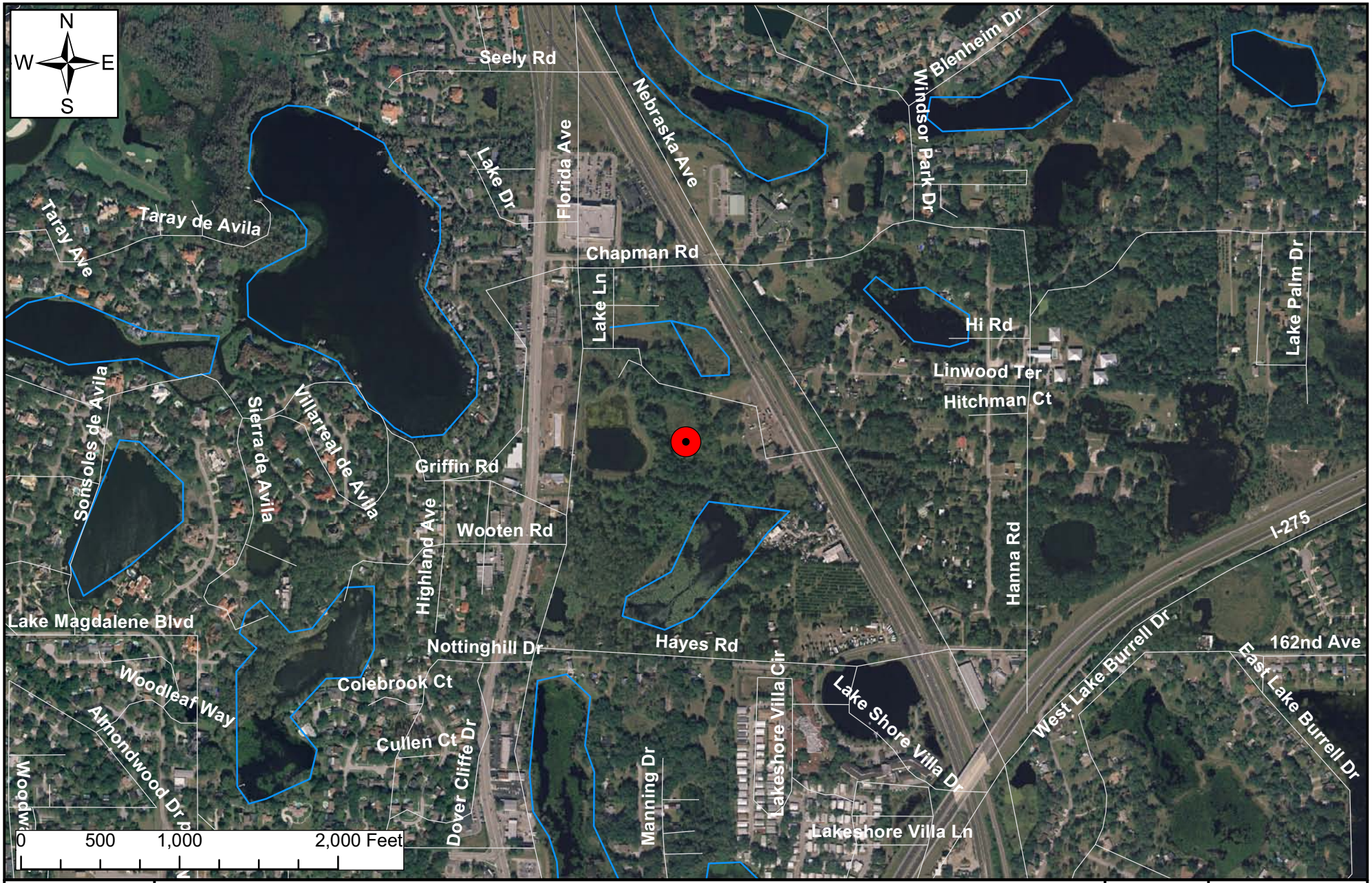

Potential Project Site 6: Nebraska

Figure 14-11

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14.2.7 Potential Project Site 7: Florida

Potential project site 7 is located in the northern portion of the Sweetwater Creek watershed. It is represented by an open parcel located at the junction of two major roads: Nebraska Avenue and US-41 (Figure 14-12). The site is located in proximity to a number of major lakes. There are no wetland features located within the parcel, thus, providing no opportunities for wetland improvement/ expansion projects. The parcel is governmentally owned; therefore, land acquisition would not be necessary.

The location of this parcel is ideal for construction of a water retention facility. The majority of pollutants are contributed to surface waters from impervious surfaces, such as roads and parking lots (total suspended solids, nutrients, oil and grease). Considering the location of this site (at the junction of two major roads), much of the necessary treatment would be offered to the area. Based on its size, proximity to the stream network, ownership, and land use classification, this location may be utilized for construction of a water treatment system.

14.2.8 Potential Project Site 8: Hanna

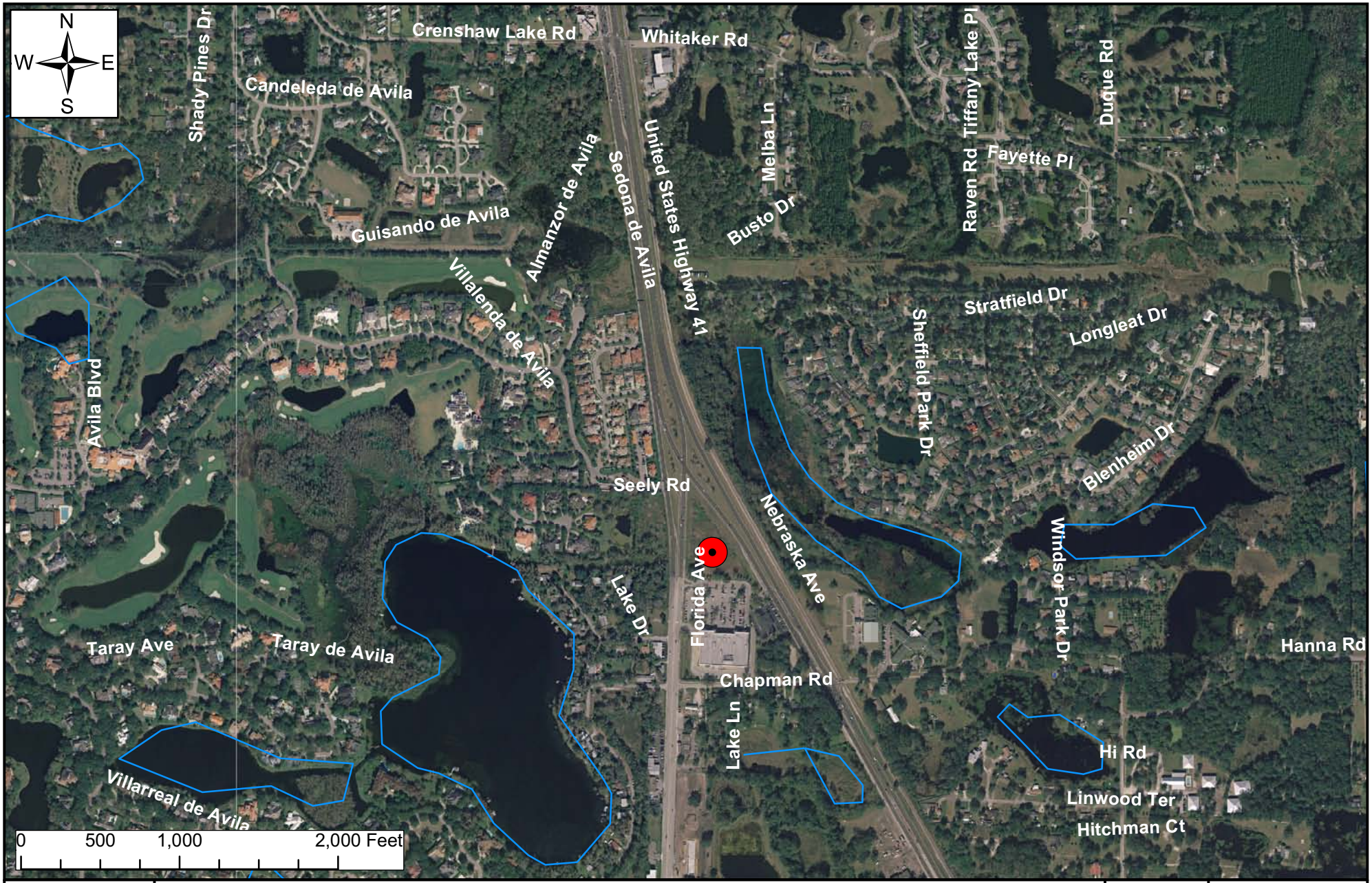
Potential project site 8 is located in the northern portion of the Sweetwater Creek watershed. It is represented by an open partially forested parcel located east of Nebraska Avenue and to the north of Piermaj Lane (Figure 14-13). The site is located in proximity of a number of major lakes. Review of the aerial photography shows existence of small wetland features and small natural water features in located with the site, which may provide an area for a wetland improvement/expansion project. The parcel is under private ownership; therefore, land acquisition may be necessary.

This location exists in the area that contributes large amounts of surface water pollution. Based on its size, proximity to the stream network, and land use classification, this location may be utilized for construction of a water treatment system.

14.2.9 Potential Project Site 9: Galleria

Potential project site 9 is located in the center of the Sweetwater Creek watershed. It is represented by a large heavily forested parcel located to the west of Dale Mabry Highway and to the north of Hudson Way (Figure 14-14). It can be accessed via Galleria Drive. The site is located in close proximity to the major stream network. Review of the aerial photography shows that in addition to forested areas, there may be wetland features and small natural water features in conjunction with the site, which may provide an area for a wetland improvement/expansion project. The parcel is governmentally owned and land acquisition would not be necessary.

This location exists in the highly built-up area that contributes large amounts of surface water pollution. Based on its size, proximity to the stream network, ownership, ownership, and land use classification, this location may be utilized for construction of a water treatment system.



Potential Project Site 7: Florida

Figure 14-12

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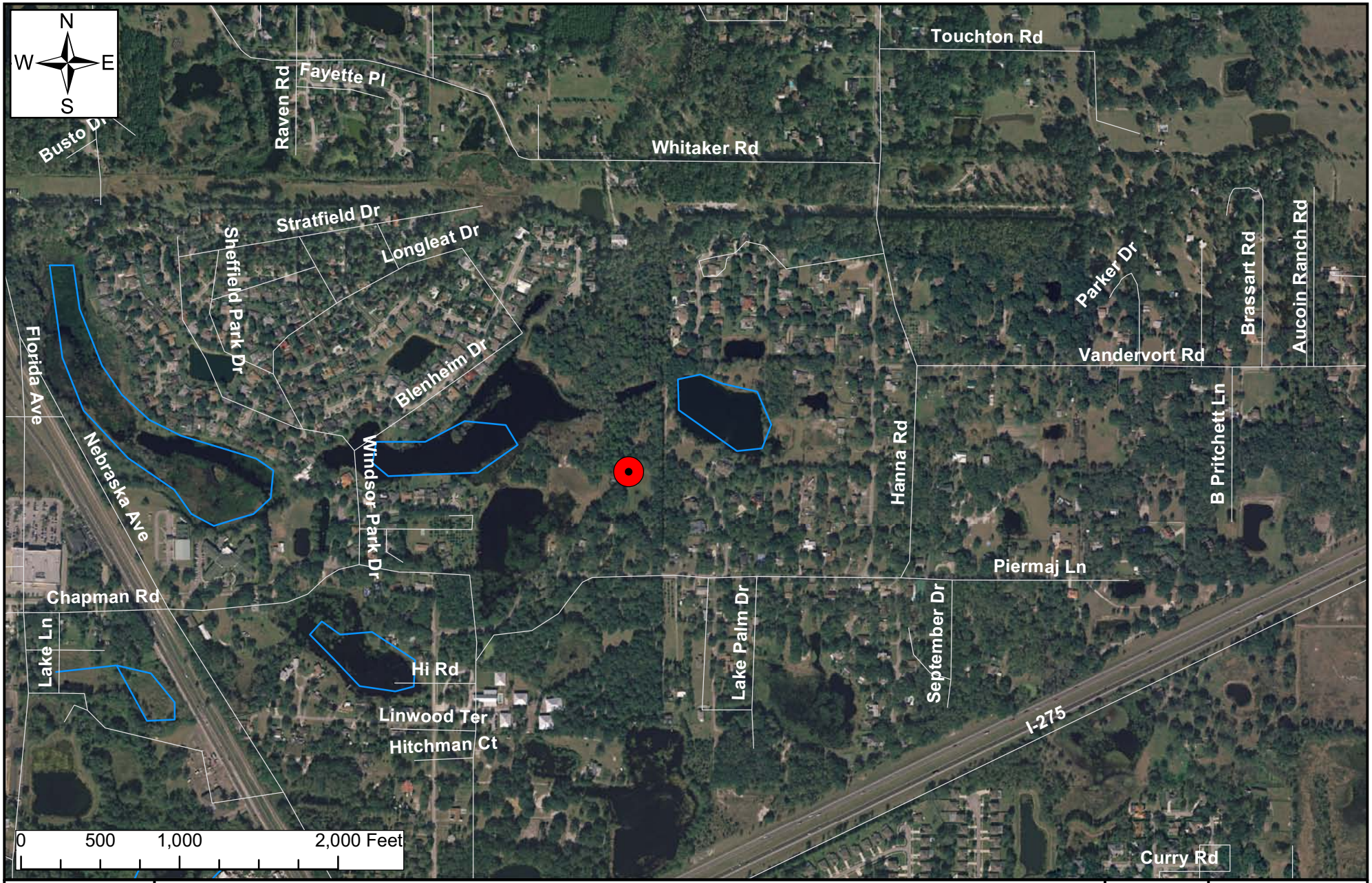

Potential Project Site 8: Hanna

Figure 14-13

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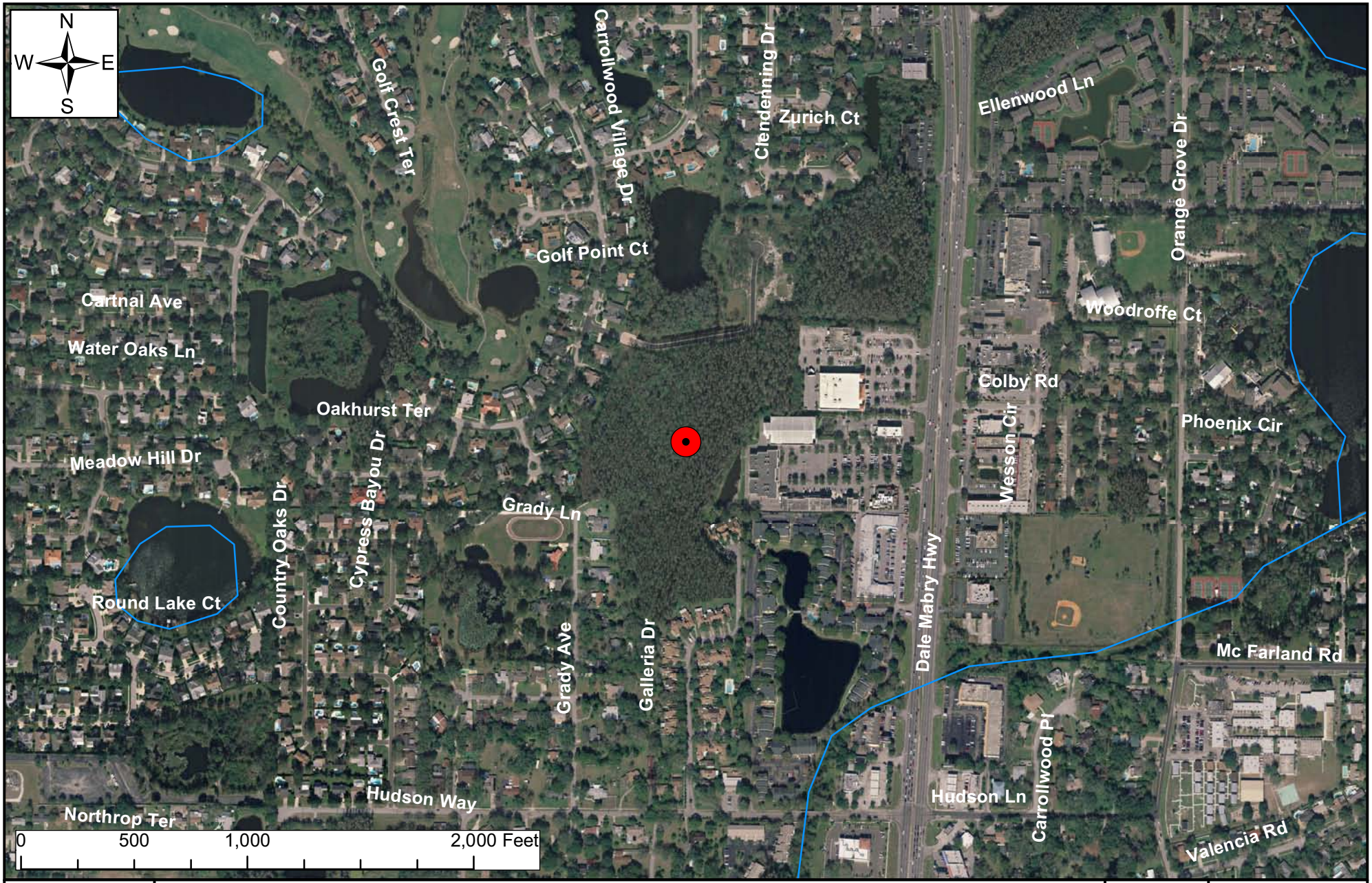

Potential Project Site 9: Galleria

Figure 14-14

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14.2.10 Potential Project Site 10: Carrollwood

Potential project site 10 is located in the center of the Sweetwater Creek watershed. It is represented by a large open parcel located at the corner of Dale Mabry Highway and McFarland Road (Figure 14-15). The site is located behind a small shopping center and may be a neighborhood park. The site is located in close proximity to the major stream network. Review of the aerial photography shows existence of a very small wetland located to the north of the site, which may provide an area for a wetland improvement/expansion project. The parcel is governmentally owned and land acquisition would not be necessary.

This location exists in the highly built-up area that contributes large amounts of surface water pollution. Based on its size, proximity to the stream network, ownership, ownership, and land use classification, this location may be utilized for construction of a water treatment system.

14.2.11 Potential Project Site 11: Grady

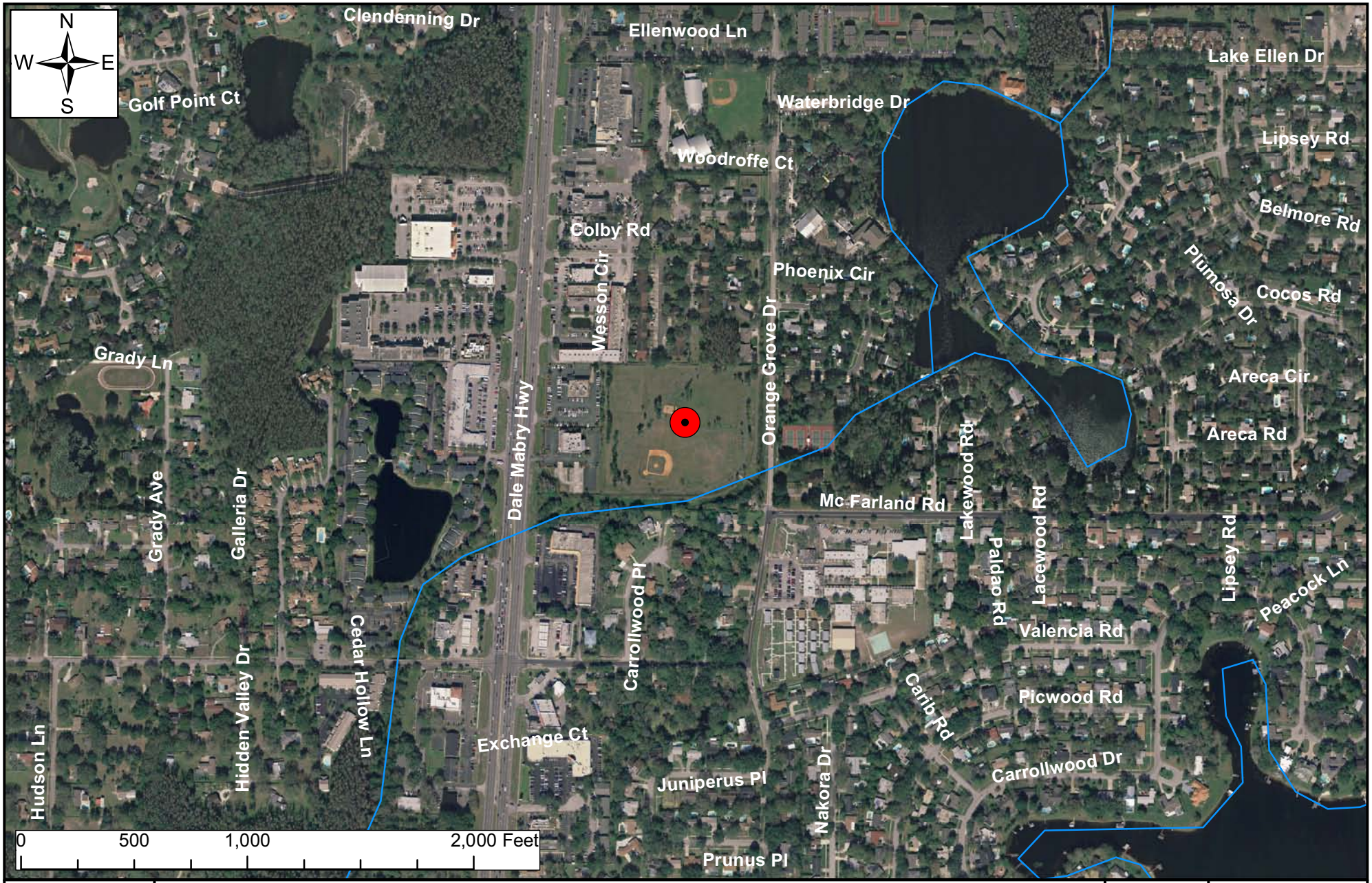
Potential project site 11 is located in the southeastern part of the Sweetwater Creek watershed. It is represented by a large, heavily forested parcel located at the intersection of Dale Mabry Highway and River Cove Drive (Figure 14-16). This site is split in two by the Sweetwater Creek and is located behind the small shopping center at the southwest corner of Dale Mabry Highway and Waters Avenue. Review of the aerial photography shows existence of small wetland features and small surface water features, which may provide an area for a wetland improvement/expansion project. The majority of the parcel is owned by the Department of Transportation; therefore, acquisition costs may not be necessary.

This location exists in the highly built-up area that contributes large amounts of surface water pollution. Based on its size, proximity to the stream network, ownership, ownership, and land use classification, this location may be utilized for construction of a water treatment system.

14.2.12 Potential Project Site 12: Himes

Potential project site 12 is located in the southeastern part of the Sweetwater Creek watershed. It is represented by a large open parcel located at the corner of Broad Street and Himes Avenue (Figure 14-17). The site is located behind a small shopping center with a large adjacent parking lot and water retention pond; the site may be a part of a neighborhood park. The site is located in close proximity to the major stream network. Review of the aerial photography shows existence of a very small wetland located to the south of the site, which may provide an area for a wetland improvement/expansion project. The parcel is privately owned; therefore, land acquisition would be necessary.

This location exists in the highly built-up area that contributes large amounts of surface water pollution. Based on its size, proximity to the stream network, ownership, and land use classification, this location may be utilized for construction of a water treatment system.



Potential Project Site 10: Carrollwood

Figure 14-15

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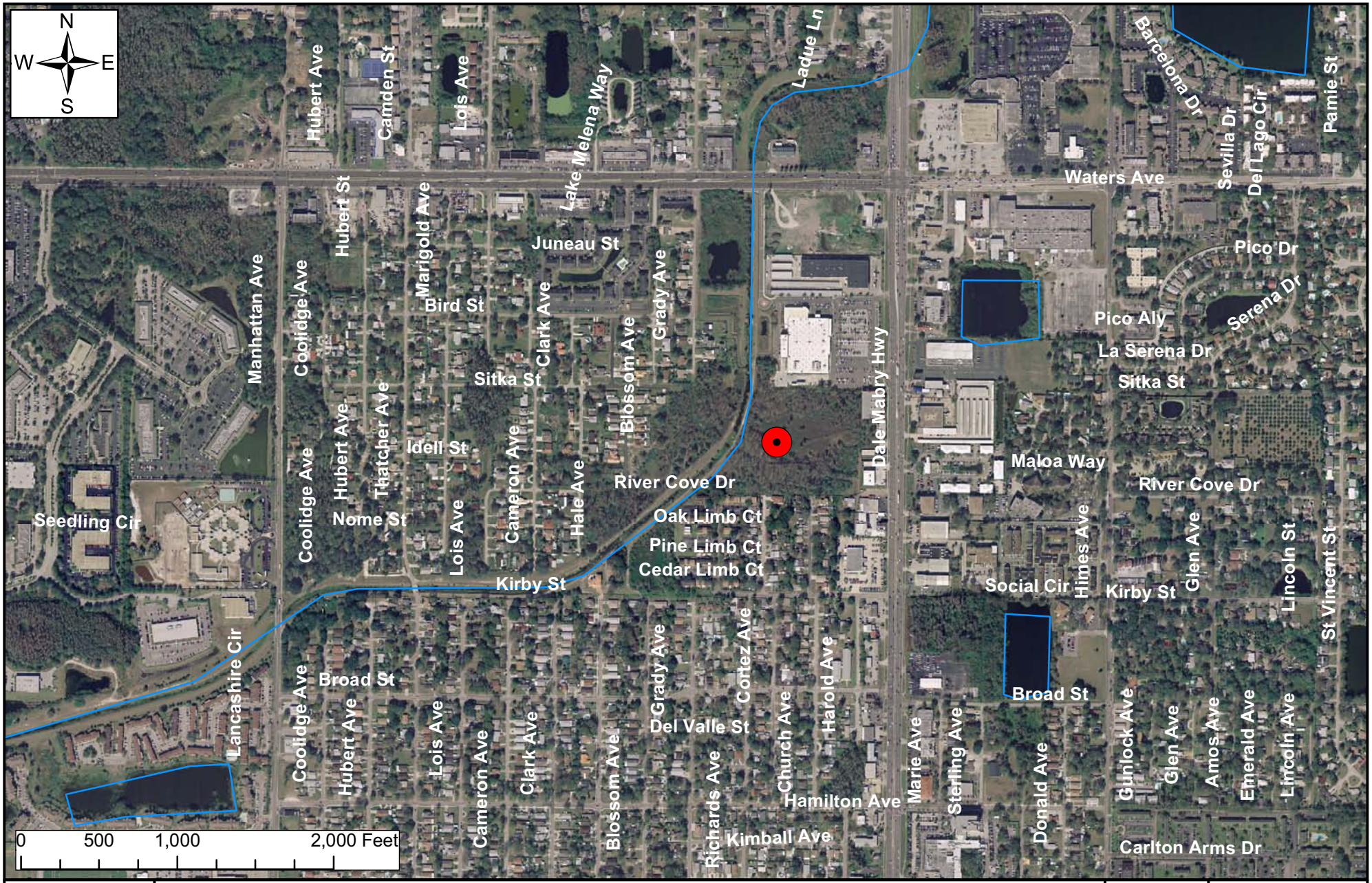

Potential Project Site 11: Grady

Figure 14-16

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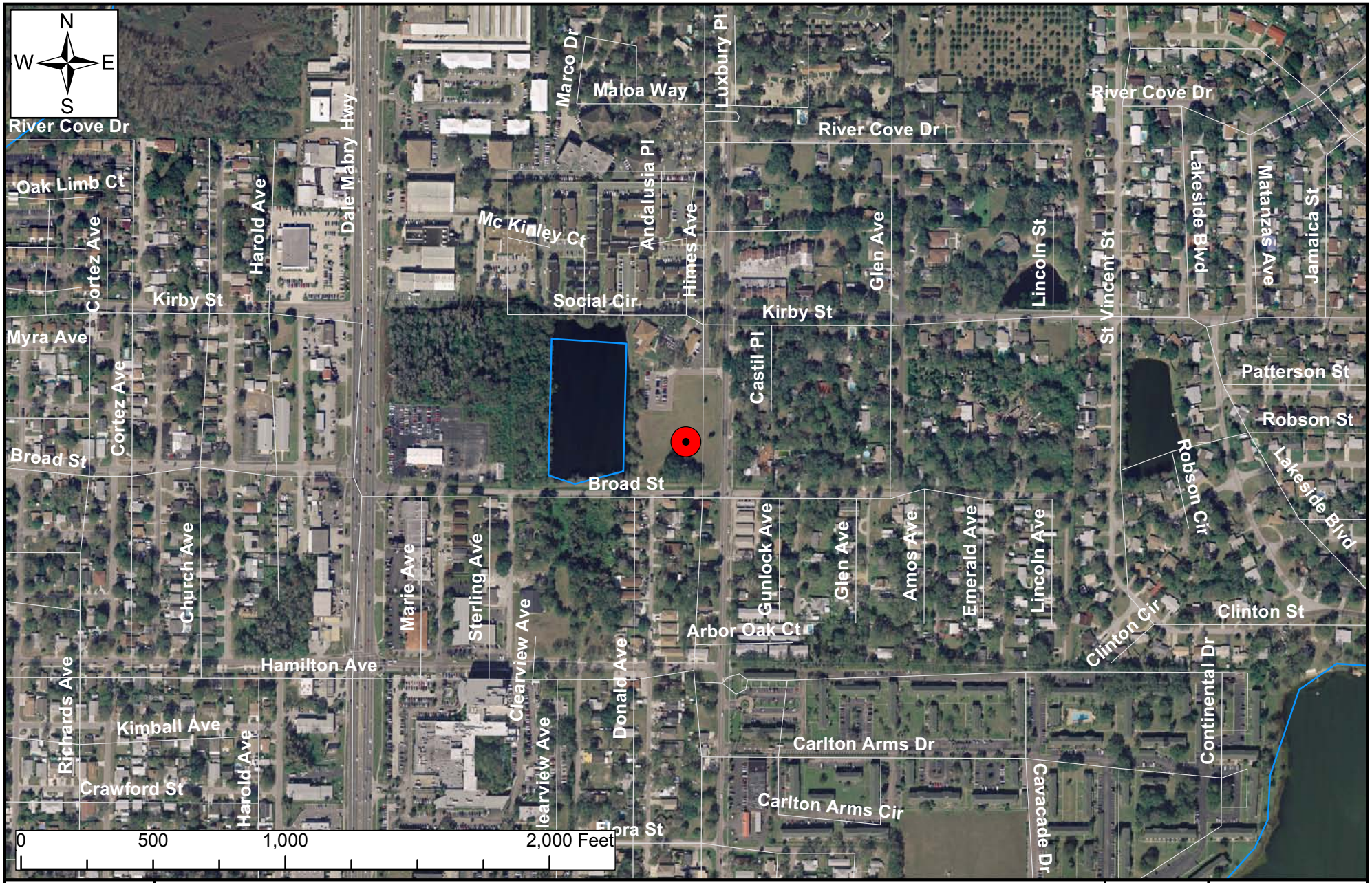

Potential Project Site 12: Himes

Figure 14-17

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14.2.13 Potential Project Site 13: Crenshaw

Potential project site 13 is located in the southwest part of the Sweetwater Creek watershed. It is represented by a large open parcel located at the junction of two streams: Sweetwater Creek and Channel "G" (Figure 14-18). The site is located in the northeastern corner of Anderson Road and Crenshaw Street. This site is characterized by open land with some upland, wetland, and surface water features. These features may provide an area for a wetland improvement/expansion project. The parcel is governmentally owned and land acquisition would not be necessary.

This location exists in the highly built-up area that contributes large amounts of surface water pollution. Based on its size, proximity to the stream network, ownership, and land use classification, this location may be utilized for construction of a water treatment system.

14.2.14 Potential Project Site 14: Linebaugh

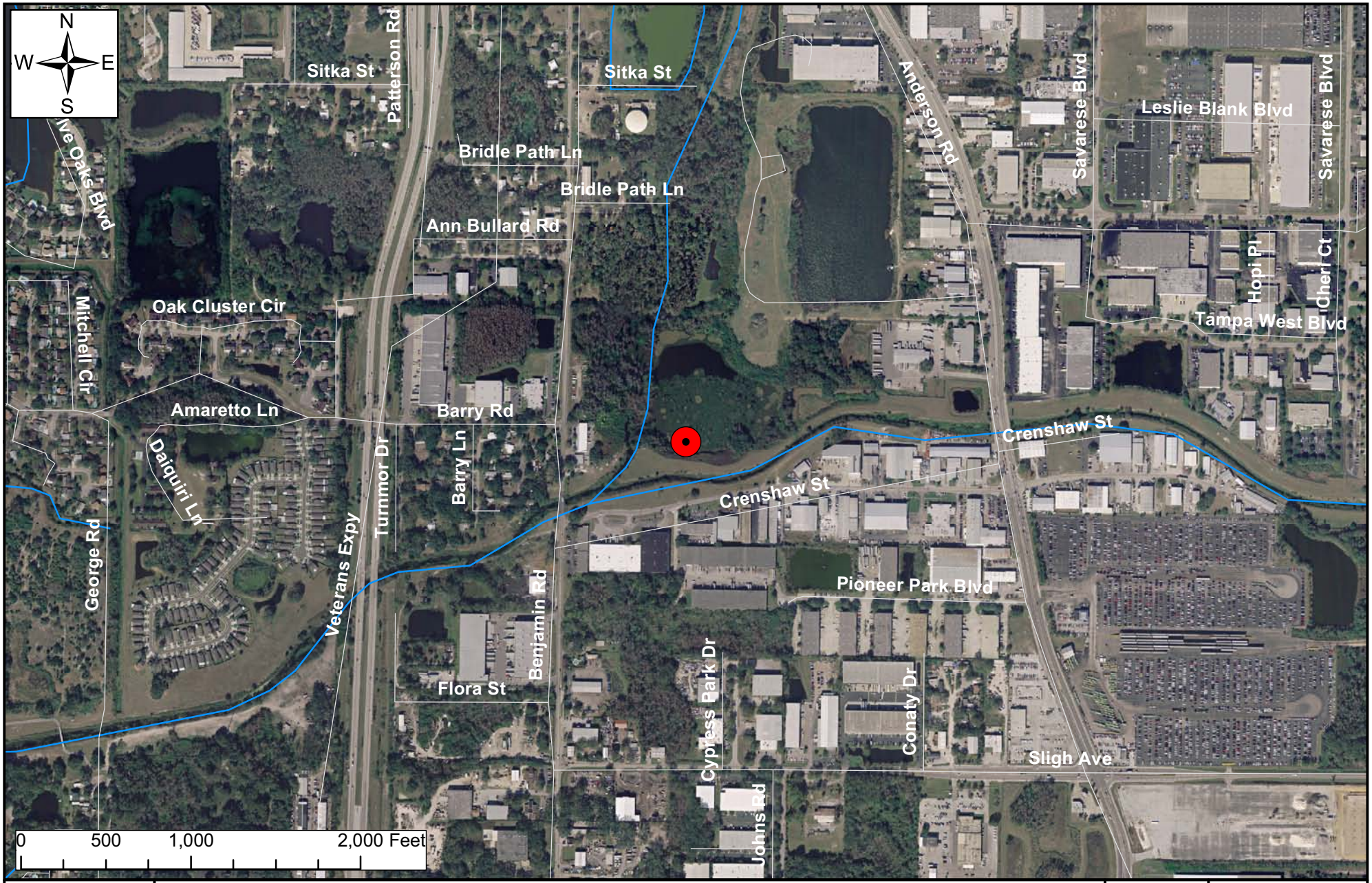
Potential project site 14 is located in the southwest part of the Sweetwater Creek watershed. It is represented by a large elongated open parcel located to the southeast of Linebaugh Avenue and Anderson Road intersection (Figure 14-19). This site is characterized by open land with some upland, wetland, and surface water features. These features may provide an area for a wetland improvement/expansion project. Train tracks are located to the south of the parcel, while Florida Mining operations are located to the other side of the train track. The parcel is privately owned and land acquisition would be necessary.

This location exists in the highly built-up area that contributes large amounts of surface water pollution. Based on its size, proximity to the stream network, and land use classification, this location may be utilized for construction of a water treatment system.

14.2.15 Potential Project Site 15: Veterans

Potential project site 15 is located in the southwest part of the Sweetwater Creek watershed. It is represented by a large elongated open parcel located to the west of Veterans Expressway and Sweetwater Creek crossing (Figure 14-20). This site is characterized by a stretch of open land located directly to the north of Sweetwater Creek and adjacent to a high density residential community. Aerial photography review shows no features (wetland or surface water) that could provide possibility for a wetland improvement/expansion project. On the other hand, excavation of the land and development of a retention area could provide some necessary water quality treatment. The parcel is privately owned and land acquisition would be necessary.

This location exists in the highly built-up area that contributes large amounts of surface water pollution. Based on its size, proximity to the stream network, and land use classification, this location may be utilized for construction of a water treatment system.



Potential Project Site 13: Crenshaw

Figure 14-18

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Potential Project Site 14: Linebaugh

Figure 14-19

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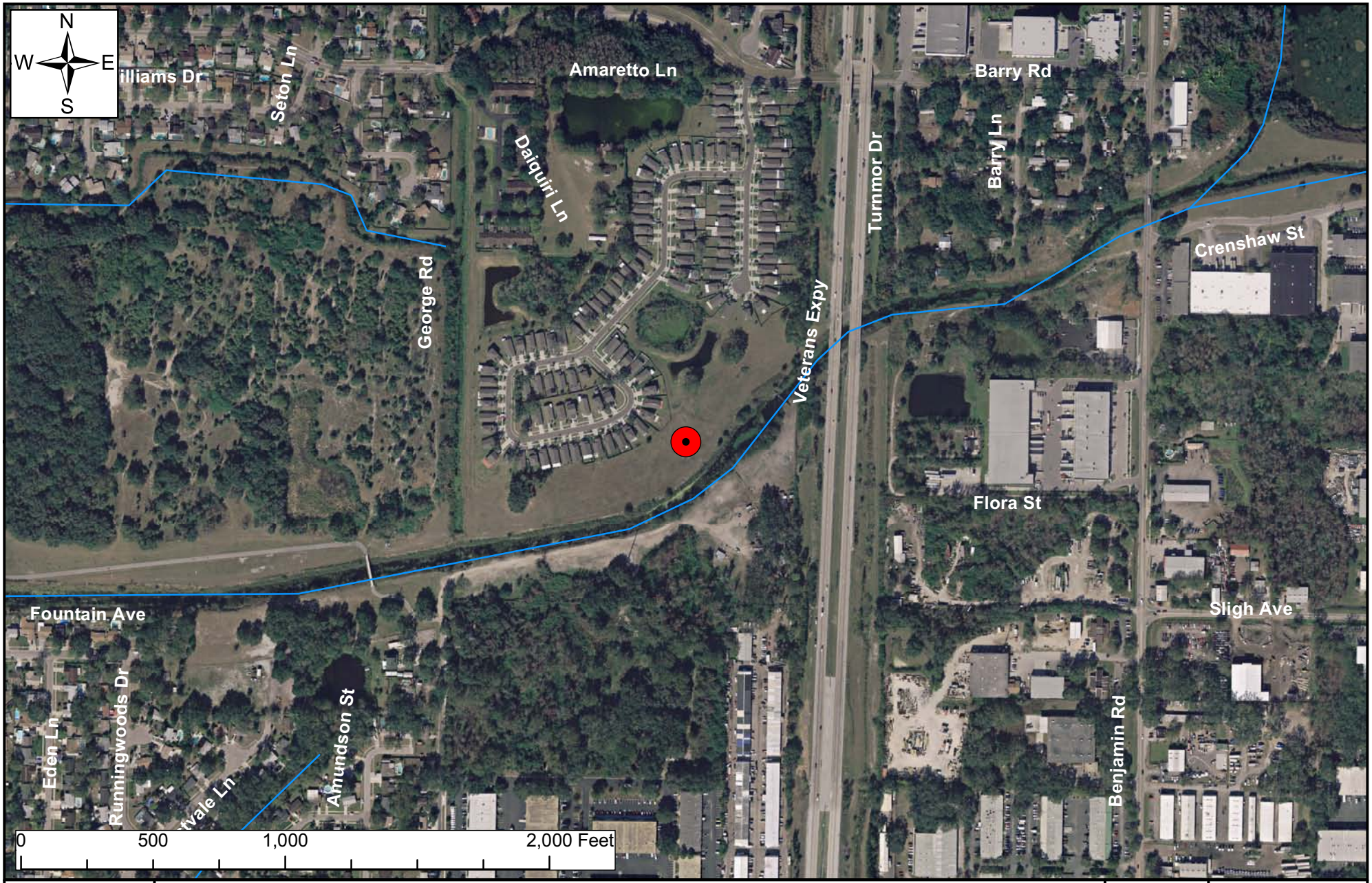

Potential Project Site 15: Veterans

Figure 14-20

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14.2.16 Potential Project Site 16: Park

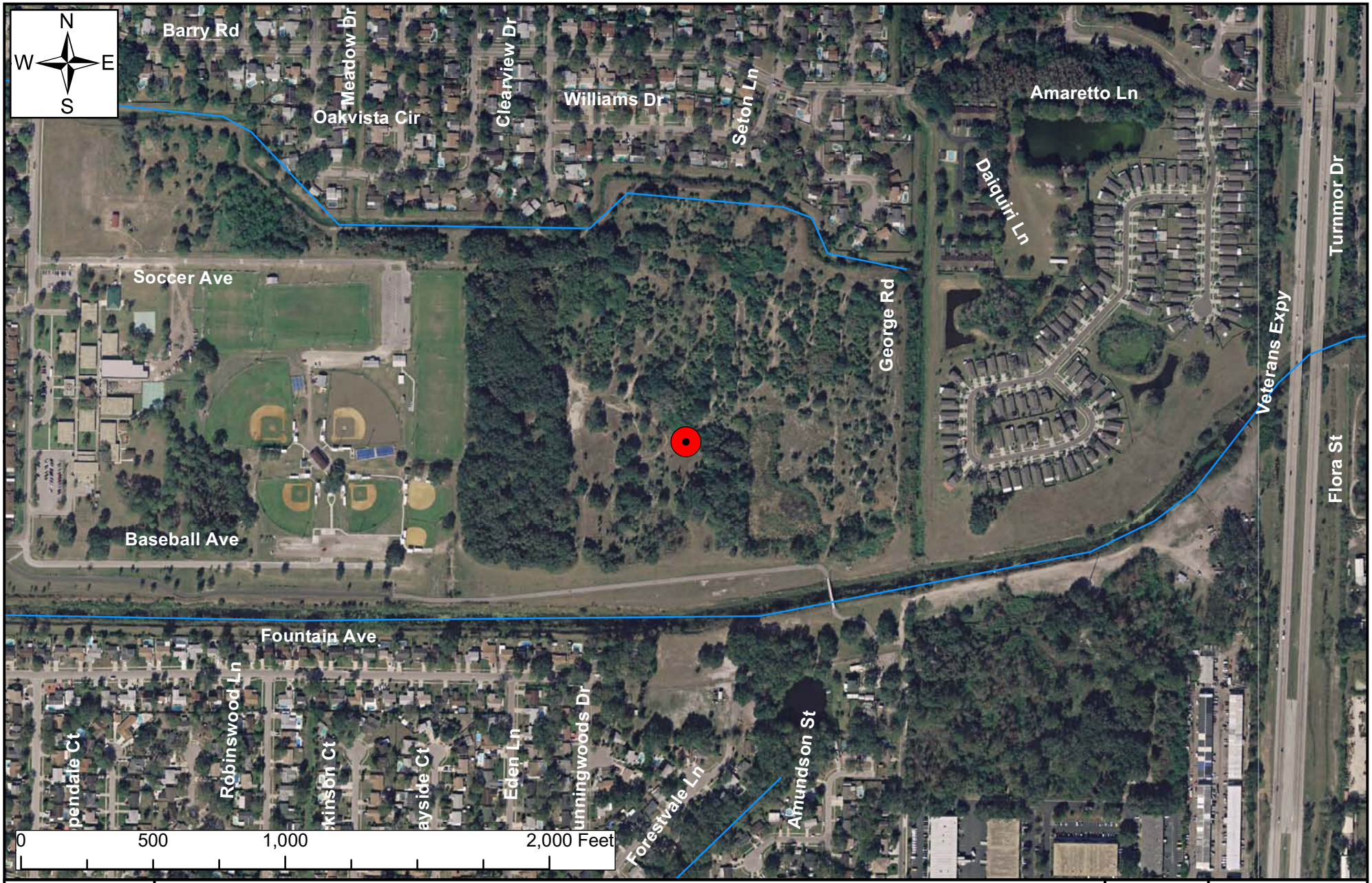
Potential project site 16 is located in the southwest part of the Sweetwater Creek watershed. It is represented by a large open parcel located to the west of Veterans Expressway and Sweetwater Creek crossing (Figure 14-21). This site is located directly to the west of project site 15 and is characterized by wide open area (approximately 20 acres) with some upland forested and wetland features. Existence of small wetland features may provide a an area for a wetland improvement/expansion project. The size of this parcel would allow for construction of a large retention pond. The parcel is privately owned and land acquisition would be necessary.

This location exists in the highly built-up area that contributes large amounts of surface water pollution. Based on its size, proximity to the stream network, and land use classification, this location may be utilized for construction of a water treatment system.

14.2.17 Potential Project Site 17: Armand

Potential project site 17 is located in the southwest part of the Sweetwater Creek watershed. It is represented by a large open parcel located at the northeastern corner of Armand Circle and Soccer Avenue intersection (Figure 14-22). The nearest major intersection is Waters Avenue and Hanley Road. This site is characterized by wide open area located to the north of the neighborhood park. Aerial photography analysis shows existence wetland features located to the east of the parcel that may provide an area for a wetland improvement/expansion project. The size of this parcel would allow for construction of a large retention pond. The parcel is privately owned and land acquisition would be necessary.

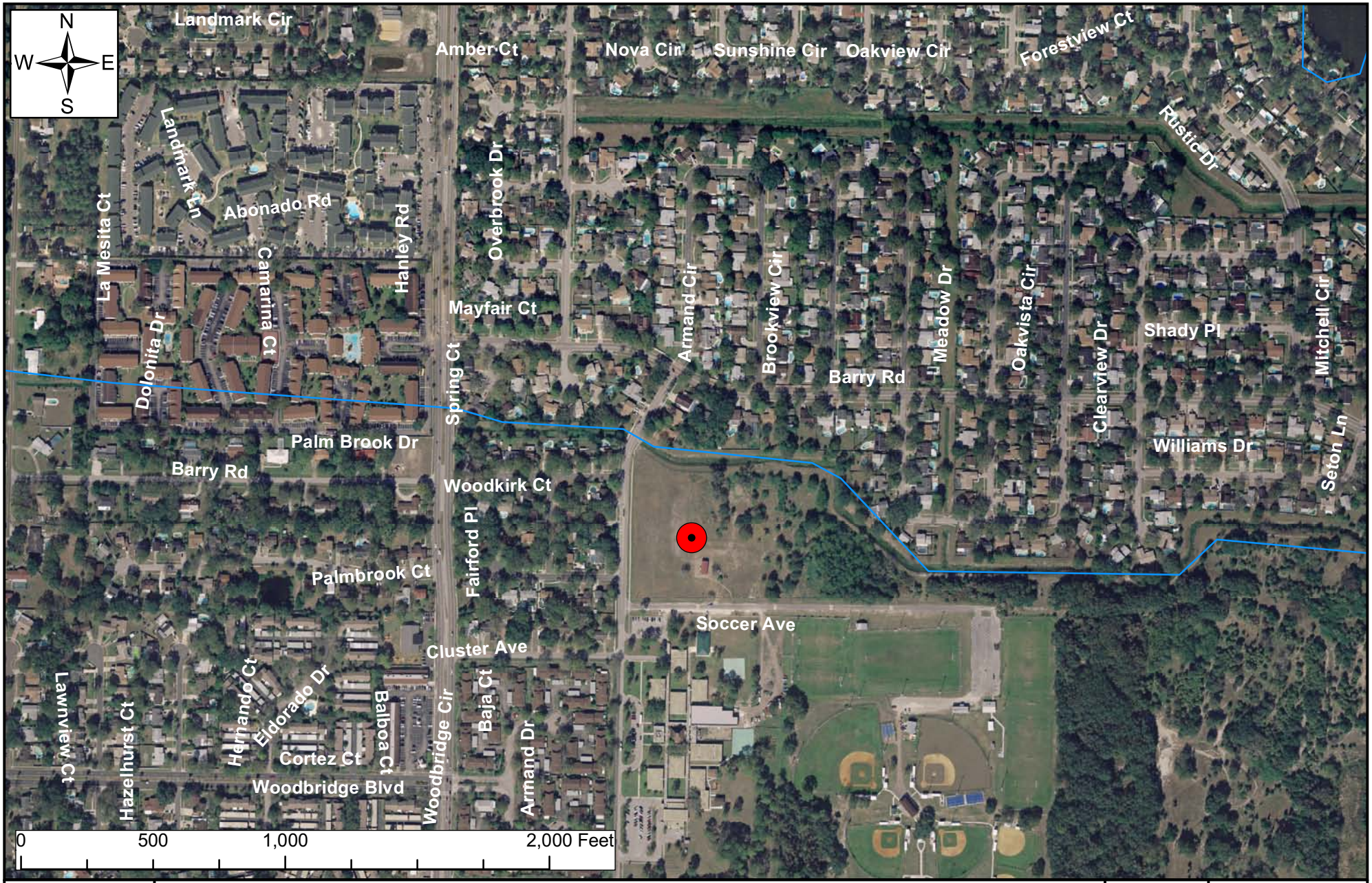
This location exists in the highly built-up area that contributes large amounts of surface water pollution. Based on its size, proximity to the stream network, and land use classification, this location may be utilized for construction of a water treatment system.



Potential Project Site 16: Park

Figure 14-21

AYRES ASSOCIATES



Potential Project Site 17: Armand

Figure 14-22

AYRES ASSOCIATES

14.3 Field Inspection of Potential Sites

14.3.1 Potential Project Site 1: Dennison

The field inspection of this site confirmed existence of a large undeveloped parcel accessed from north of Dennison Road. The parcel is adjacent to a residential property and is under private ownership. This site is mostly open, with a water feature located at the northern end of the property. While the open area of the site is sufficient for construction of a large retention pond, the wetland feature provides an opportunity for wetland improvement/expansion project. This parcel is surrounded by agricultural and residential land uses that contribute large amounts of pollutants into the watershed's surface waters. Construction of a treatment facility at this location would provide much needed treatment to the surrounding areas.

14.3.2 Potential Project Site 2: US-41

While in theory the US-41 site presented a great opportunity for a water treatment alternative location, field inspection of the site demonstrated that an existing stormwater treatment system was already located at the site. This area is represented by a shallow wet retention pond, mostly dried out during the time of the inspection. A small wetland feature is located in the center of the site. The existing system is surrounded by a fence; however, the fence is broken in some areas. The existing stormwater facility is in need of maintenance.

14.3.3 Potential Project Site 3: Duque

The field inspection of this site confirmed existence of an undeveloped grassy parcel located to the south of Duque Road. The site contains some upland forested areas and a possible wetland system in the center of the parcel (presence of bald cypress). This site is mostly open, but some areas contain electrical towers. While the open area of the site is sufficient for construction of a large retention pond, the wetland feature provides an opportunity for wetland improvement/expansion project. This parcel is surrounded by agricultural and residential land uses that contribute large amounts of pollutants into the watershed's surface waters. Construction of a treatment facility at this location would provide much needed treatment to the surrounding areas.

14.3.4 Potential Project Site 4: Valseca de Avila

This site is located inside of the prestigious Avila subdivision and is adjacent to the Avila community park. While in theory this site presented a great opportunity for a water treatment alternative location, field inspection of the site demonstrated that an existing stormwater treatment system is already located at the site. This area is represented by a shallow wet retention pond and a concrete control structure located at the edge of the pond. A small wetland feature is located on the other side of the pond. The existing stormwater facility is not fenced out and is in need of minor maintenance.

14.3.5 Potential Project Site 5: Avila

The field inspection of this site confirmed it being a partial wetland located at the exit of the Avila subdivision and divided by Lake Magdalene Boulevard. Two wetland systems (one on each side of the road) are connected by a double pipe. While this site is dominated by natural land use types, it is outgrown by vegetation. This site presents a perfect opportunity for a wetland enhancement project. The parcel is surrounded by mostly agricultural and residential land uses that contribute large amounts of pollutants into the watershed's surface waters. Construction of a treatment facility at this location would provide much needed water quality treatment to the surrounding areas.

14.3.6 Potential Project Site 6: Nebraska

The field inspection of this site confirmed existence of an undeveloped grassy parcel located near the junction of Nebraska Avenue and Florida Avenue. The site can be accessed via Lake Lane. The site contains some upland forested areas and a large wetland system in the center of the parcel. This site is mostly open and presence of surface water is noted. While the open area of the site is sufficient for construction of a large retention pond, the wetland feature provides an opportunity for wetland improvement/expansion project. This parcel is surrounded by agricultural and residential land uses that contribute large amounts of pollutants into the watershed's surface waters. Construction of a treatment facility at this location would provide much needed treatment to the surrounding areas.

14.3.7 Potential Project Site 7: Florida

While in theory the Florida site presented a great opportunity for a water treatment alternative location, field inspection of the site demonstrated that an existing stormwater treatment system was already in place. This area is represented by a shallow wet retention pond, overgrown by cattails and vegetation. The system contains some surface water and is surrounded by a fence. The existing stormwater facility appears to be in good condition and no maintenance is necessary at this time.

14.3.8 Potential Project Site 8: Hanna

Staff was unable to access this site.

14.3.9 Potential Project Site 9: Galleria

Field inspection identified this location as a large wetland system located at the back of a small subdivision. Cypress domes are visible from the road. The wetland system is overgrown with vegetation; therefore, the staff was unable to access the site and inspect the inside of the parcel. While the area is under governmental ownership and is large enough for construction of a substantial water treatment / retention system, the existing wetland already provides natural water quality treatment to the surrounding areas. "Wetlands reduce nutrients by encouraging sedimentation, absorbing nutrients to sediments, taking up nutrients in plant biomass, and enhancing denitrification" (http://www.hydrol-earth-syst-sci.net/8/673/2004/hess-8-673-2004.pdf). Based on these findings, this site is better left unchanged, allowing the existing wetland to perform natural surface water treatment.

14.3.10 Potential Project Site 10: Carrollwood

The field visit to this location identified this site as a part of the original Carrollwood Park. The park was accessed from McFarland Road. All open areas appear to be fenced out and designated for specific activities, such as soccer or baseball fields. The park is surrounded by a deep ditch. The possibility of widening the ditch in order to provide additional water retention was considered; however, the size of the ditch would not allow much excavation. This site was concluded to be unsuitable for construction of a new stormwater treatment facility.

14.3.11 Potential Project Site 11: Grady

The field inspection of this site confirmed that the potential alternative would have to consist of one of two smaller forested/wetland parcels separated by the Sweetwater Creek watershed. The parcel, located at the end of the Grady Street, is heavily wooded and contains a small canal or a ditch at the back of the property. Because the parcel is overgrown with vegetation, field personnel were unable to access the site. Noted were the presence of a bald cypress domes in the center and at the edge of the parcel, indicating the existence of a wetland or surface water within the parcel.

This area demonstrates a potential for a wetland improvement project or construction of a large retention pond. The surrounding areas are mostly residential, contributing large amounts of various pollutants into the watershed's surface water. A stormwater treatment system at this location would provide much needed water quality treatment to the surrounding areas.

14.3.12 Potential Project Site 12: Himes

The field inspection of this site confirmed existence of large open undeveloped grassy parcel located near the junction of Broad Street and Himes Avenue. Two small medical buildings with adjacent parking lots are located in the northwestern quarter of the parcel. A large retention pond can be found directly to the west of the site. The site does not seem to provide an opportunity for improvement or an expansion of an existing wetland. While the existing stormwater retention pond provides water quality treatment to the surrounding areas, excavation of the site in question may provide additional treatment.

Surrounding parcels consist mostly of built-up and residential land use types that contribute large amounts of pollutants into the watershed's surface waters. This site provides an excellent opportunity for improvement and expansion of an existing stormwater treatment facility.

14.3.13 Potential Project Site 13: Crenshaw

Field inspection identified this location as a large wetland system located at the junction of Sweetwater Creek and Channel "G". The banks of the channels are open elongated grassy parcels that surround the large wetland system in the middle. The wetland system is overgrown with vegetation; therefore, the staff was unable to access the site and inspect the inside of the parcel. While the area is under governmental ownership and is large enough for construction of a substantial water treatment / retention system, the existing wetland already provides natural water quality treatment to the surrounding areas. "Wetlands reduce nutrients by encouraging sedimentation, absorbing nutrients to sediments, taking up nutrients in plant biomass, and enhancing denitrification" (http://www.hydrol-earth-syst-sci.net/8/673/2004/hess-8-673-2004.pdf). Based in these findings, this site is better left unchanged, allowing the existing wetland to perform natural surface water treatment.

14.3.14 Potential Project Site 14: Linebaugh

The field inspection of this site confirmed existence of an undeveloped open parcel located to the southeast of Linebaugh Avenue and Anderson Road intersection. While the site is undeveloped, it is overgrown with vegetation, demonstrating existence of some exotic species of plants along its perimeter. A small business building is located at the south edge of the parcel. The open area of the site is sufficient for construction of a large retention pond and the wetland feature located to the west of the site provides an opportunity for wetland improvement/expansion project. This parcel is surrounded by industrial and residential land uses that contribute large amounts of pollutants into the watershed's surface waters. Construction of a treatment facility at this location would provide much needed treatment to the surrounding areas.

14.3.15 Potential Project Site 15: Veterans

The field inspection of this site confirmed existence of an undeveloped open parcel located to the west of the Veterans Expressway overpass over Sweetwater Creek. This parcel is adjacent to the Sweetwater Creek and is located at the back of a residential development. The open area of the site is sufficient for construction of a large retention pond. There is no wetland feature near the site that provides an opportunity for wetland improvement/ expansion project. This parcel is surrounded by industrial and residential land uses that contribute large amounts of pollutants into the watershed's surface waters. Construction of a retention facility at this location would provide much needed water quality treatment to the runoff before it would enter Sweetwater Creek.

14.3.16 Potential Project Site 16: Park

The field inspection of this site confirmed existence of a large undeveloped parcel located to the west of the Veterans Expressway overpass over Sweetwater Creek. This parcel is adjacent to the Sweetwater Creek along the Town'N'Country Greenway. The open area of the site is more than sufficient for construction of a large retention/treatment facility. There is a wetland feature located to the west of the parcel, which may provide an opportunity for a wetland improvement / expansion project. This parcel is surrounded by mainly residential land uses that contribute large amounts of pollutants into the watershed's surface waters. Construction of a retention facility at this location would provide much needed water quality treatment to the runoff before it would enter Sweetwater Creek.

14.3.17 Potential Project Site 17: Armand

The field inspection of this site confirmed existence of a large undeveloped open parcel located at the corner of Armand Circle and Soccer Avenue. This site is also located to the north of the Town'N'Country Greenway. This parcel is large in size; it is clear with a forested portion to the east of the site. This parcel is a part of the Shimberg Park Sports Complex and is most likely used for such activities as soccer practice. A small trailer/mobile home, serving as an office, is located in the center of the parcel. The area is fenced out and is under private ownership. The location and size of the parcel make it a great site for a potential structural alternative. Surrounding areas mostly consist of residential land uses that contribute large amounts of pollutants into the watershed's surface waters. Construction of a retention facility at this location would provide water quality treatment to the runoff before it would enter Sweetwater Creek.

CHAPTER 15: FINAL RECOMMENDATIONS

15.1 Overview

This chapter describes the final recommendations of the alternatives that were developed for water quality and natural systems for the Sweetwater Creek watershed. Generally, two different sets of BMPs may be applied to reduce stormwater impact and/or improve water quality: (1) non-structural BMPs; and (2) structural BMPs. A combination of these two techniques may also be used. One of the most important elements of non-structural BMPs is public education. It focuses on preventative measures while structural BMPs mostly relies on existing or constructed systems for treating stormwater. Following are two sets of discussions associated with water quality improvement.

The first point of discussion will cover various resources for public education. An important part of a watershed management plan is public support and to help promote a greater awareness within the community regarding the importance of minimizing stormwater impacts by focusing on preventative measures.

The second section will discuss the proposed alternatives based on the series of analyses that were performed using GIS to strategically locate stormwater quality improvement facilities and natural systems alternatives enhancements.

15.2 Public Education

Various toolboxes, documents, programs, and information are available at the national agency level down to local governments regarding information on watersheds, water quality, stormwater runoff, and BMPs, which are designed to educate and inform the general public and students and faculty at educational institutions.

US EPA Watershed Outreach
http://www.epa.gov/owow/watershed/outreach/outreachnonjs.html

The Nonpoint Source (NPS) Outreach Toolbox is intended for use by state and local agencies and other organizations interested in educating the public on nonpoint source pollution or stormwater runoff. The Toolbox contains a variety of resources to help develop an effective and targeted outreach campaign.

US EPA - Public Education and Outreach on Stormwater Impacts

Because stormwater runoff is generated from dispersed land surfaces--pavements, yards, driveways, and roofs--efforts to control stormwater pollution must consider individual, household, and public behaviors and activities that can generate pollution from these surfaces.

Florida Department of Environmental Protection - Best Management Practices, Public Information, and Environmental Education Resources

http://www.dep.state.fl.us/Water/nonpoint/pubs.htm

Reports, brochures, handouts, videos, and training aids are available to governments, teachers, general public with ideas and resources to reduce and educate about non-point source pollution in Florida.

Southwest Florida Water Management District

http://www.swfwmd.state.fl.us/

SWFWMD has various educational and public education programs relating to watersheds and how to improve water quality.

Tampa Bay Water

http://www.tampabaywater.org/conservation/conservation.aspx

TBW website has links to documents regarding water conservation that will give ideas to member governments and the public in making a difference in conserving the region's water resources.

Pinellas County – Department of Environmental Management

http://www.pinellascounty.org/Environment/default.htm

The Water Resources Management Section is dedicated to public outreach and education. The sites offers outreach activities that range from answering citizens' questions and concern about their aquatic environment to formal presentations.

Hillsborough County Watershed Atlas

http://www.hillsborough.wateratlas.usf.edu/

The education section is geared towards educating the public about water resources and has links to access various documents, citizen based water management organizations, and classroom tools. There is an area for educators regarding watersheds and water quality with student activities and the general education section has documents and links to help citizens understand the data on the Atlas and teach about maintaining the health of area waterbodies.

Hillsborough County Stormwater Public Education Awareness Campaign (SPEAC)
This is an educational outreach program in which volunteers do monitoring, education, and restoration such as The Lake Management Program (LaMP), Streamwaterwatch, Adopt-A-Pond, Stormwater Ecologist, and Officer Snook.

Hillsborough County – Public Works- Adopt-A-Pond
http://www.hillsboroughcounty.org/publicworks/engineering/stormwater/adoptapond.cfm

Hillsborough County encourages the local community to take care of area lakes, creeks, and ponds. They feel the restoration or rehabilitation of stormwater ponds is essential to the health of local lakes, creeks, rivers and bays. This program educates the public about aquatic vegetation that can stabilize a pond and remove pollutants in order to help maintain water quality. The Adopt-A-Pond program shows how a properly designed pond may have increased wildlife habitat, recreation areas, and aesthetic views.

15.3 Proposed Alternatives

As is the case for most watershed management plans for water quality improvements and environmental enhancements, a combination of measures consisting of structural and non-structural alternatives are applicable depending on availability of resources and cost-effectiveness. Unless a comprehensive hydraulic and water quality analysis is performed, it will be difficult to determine the effectiveness of BMPs in improving water quality accurately. Nevertheless, these BMPs are expected to improve water quality.

15.3.1 Structural BMPs

In Chapter 14, a number of locations for potential structural BMPs were analyzed based on the following parameters:

- Visual identification
- Proximity to steam network
- Land availability
- Property ownership

After field review of every location described in Chapter 14, eleven feasible locations for potential alternative sites were recommended for further consideration. This chapter contains a Summary Sheet for the eleven locations described earlier:

- SWC1 – Dennison
- SWC2 – Duque
- SWC3 – Avila
- SWC4 – Nebraska

- SWC5 – Grady 1
- SWC6 – Grady 2
- SWC7 – Himes
- SWC8 – Linebaugh
- SWC9 – Veterans
- SWC10 – Park
- SWC11 – Armand

Summary sheets, located at the end of the chapter, contain such information as general description of the site based on the field visit, site location map in relationship to the Sweetwater Creek watershed, aerial view of the proposed site, and a cost estimate for pond installation at the proposed site. The cost estimate is based on the following assumptions:

- The costs are limited to the pond installation
- Ponds are assumed to be 5 feet deep, covering the largest possible area in the selected parcels

In addition, the cost estimates include sod covering a buffer of 30 ft around the pond perimeter, an inlet and outlet structure (just a rough market average price), a silt fence around the construction area, and a fence around the pond and gate.

Cost estimates are based on August 16, 2007 Hillsborough County Unit Price (WORCS), and as noted, some unit costs are based on estimated market prices. If a pre-design analysis is required, its associated cost needs to be added to the project cost (approximately 15 to 20 percent of the total project cost).

It should be noted that since a water quality analysis could not be performed as part of this project, it is recommended that such a task be performed during the design process. The results of such analysis may suggest adjustments to sizing of the system, consequently changing the project cost. Furthermore, the availability of recommended sites may change over time. Therefore, prior to initiating any project, a complete investigation is recommended to identify legal, financial, and other constraints that could not be identified under this study.

15.3.2 Non-Structural BMPs/Public Outreach and Education

There are various state and local agencies that provide educational and outreach materials for the public at large and academic institutions. Experience has shown that teaching student populations from early years in elementary school is the most effective way of producing citizens who are respectful of quality of life issues and the environment. It is recommended that the County form a partnership with schools to provide them with educational materials to assist teachers in classroom instruction. The County should also provide volunteer staff to participate in teaching days during the academic year to explain the importance of preventing water pollution and improving water quality to the students and teachers.

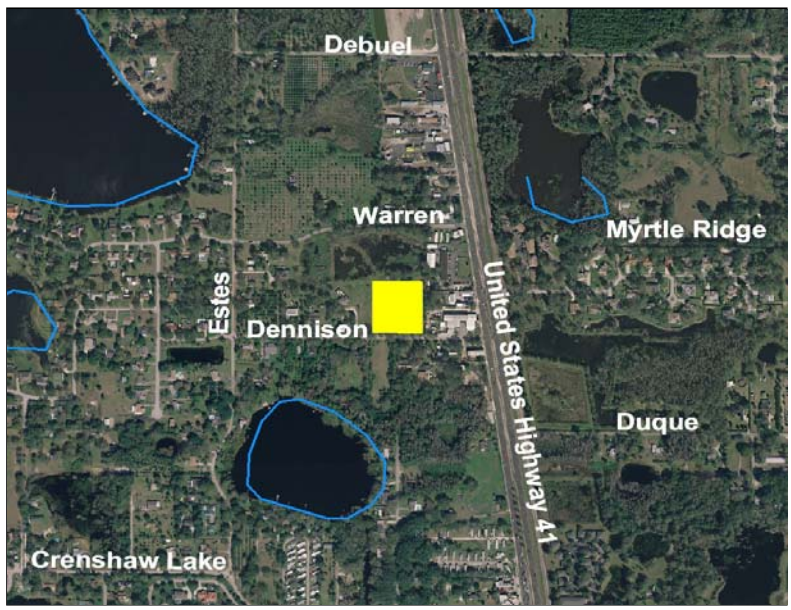
PREFERRED SITES

SWC-1 Dennison

The field inspection of this site confirmed existence of a large undeveloped parcel accessed from the north of Dennison Road. The parcel is adjacent to the a residential property and is under private ownership. This site is mostly open, with a water feature located at the northern end of the property. While the open are of the site is sufficient for construction of a large retention pond, the wetland feature provides an opportunity for wetland improvement/expansion project.

This parcel is surrounded by agricultural and residential land uses that contribute large amounts of pollutants into the watershed's surface waters. Construction of a treatment facility at this location would provide much needed treatment to the surrounding areas.

Site Photo & Location Map



CONCEPTUAL OPINION OF PROBABLE CONSTRUCTION COST
SITE ID: SWC 1

ITEM#	DESCRIPTION	UNIT	UNIT COST	QUANTITY	COST	NOTES
101-1	MOBILIZATION	LS	$ 19,000.00	1	$ 19,000.00	(1)
102-1	MAINTENANCE OF TRAFFIC	LS	$ 3,000.00	1	$ 3,000.00	(1)
110-1-1	CLEARING AND GRUBBING	AC	$ 11,000.00	2.61	$ 28,655.00	(2)
104-13	SILT FENCE STAKED	LF	$ 1.63	1,300	$ 2,119.00	(1)
120-1	EXCAVATION REGULAR	CY	$ 10.73	21,014	$ 225,474.92	(1)
550-2	FENCING, TYPE B	LF	$ 17.00	1,400	$ 23,800.00	(1)
550-76-162	FENCE GATE (TYPE B) (DOUBLE 8') (16' OPENING)	EA	$ 977.73	1	$ 977.73	(1)
575-1-1	SODDING (BAHIA)	SY	$ 3.43	4,667	$ 16,006.67	(1)
	INLET STRUCTURE	EA	$ 12,000.00	1	$ 12,000.00	(2)
	OUTLET STRUCTURE	EA	$ 15,000.00	1	$ 15,000.00	(2)

CONSTRUCTION SUBTOTAL	$ 346,033.32
CONTINGENCIES (20%)	$ 69,206.66
CONSTRUCTION COST	$ 415,239.98
ENGINEERING SERVICES (25% OF CONSTRUCTION COST)	$ 103,809.99
SURVEY AND GEOTECHNICAL SERVICES (15% OF CONSTRUCTION COST)	$ 62,286.00
ACQUISITION COST	$ 123,500.00
TOTAL	**$ 704,835.97**

(1) UNIT COSTS ARE BASED ON THE August 16, 2007 HILLSBOROUGH COUNTY UNIT PRICE (WORCS)
(2) UNIT COSTS ARE BASED ON THE ESTIMATED AVERAGE MARKET PRICE

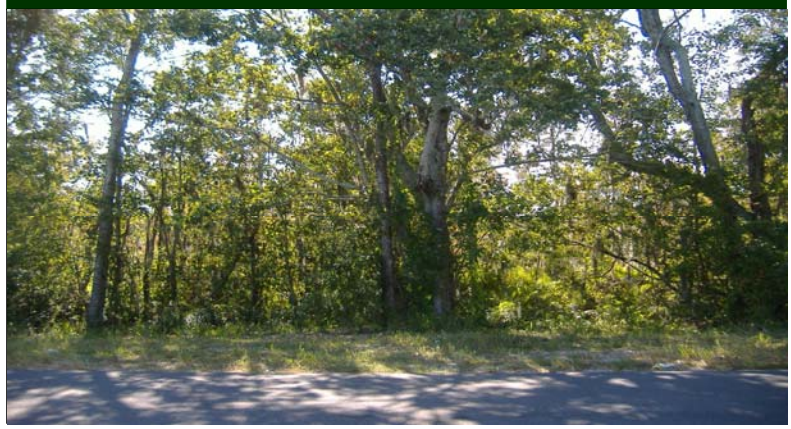
PREFERRED SITES

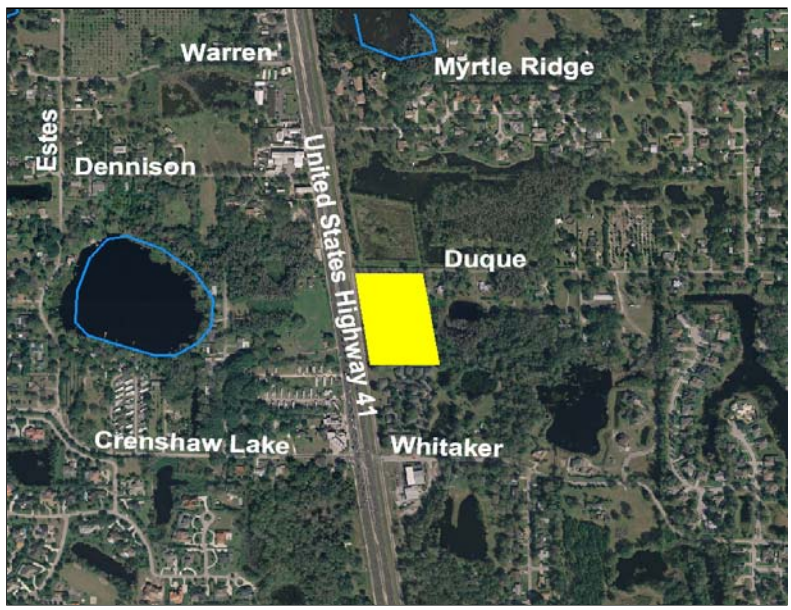
SWC-2 Duque

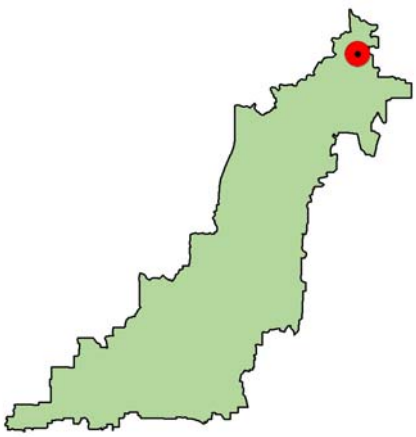
The field inspection of this site confirmed existence of an undeveloped grassy parcel located to the south of Duque Road. The site contains some upland forested areas and a possible wetland system in the center of the parcel (presence of bald cypress). This site is mostly open, but some areas contain electrical towers. While the open area of the site is sufficient for construction of a large retention pond, the wetland feature provides an opportunity for wetland improvement/expansion project.

This parcel is surrounded by agricultural and residential land uses that contribute large amounts of pollutants into the watershed's surface waters. Construction of a treatment facility at this location would provide much needed treatment to the surrounding areas.

Site Photo & Location Map







CONCEPTUAL OPINION OF PROBABLE CONSTRUCTION COST
SITE ID: SWC 2

ITEM#	DESCRIPTION	UNIT	UNIT COST	QUANTITY	COST	NOTES
101-1	MOBILIZATION	LS	$ 19,000.00	1	$ 19,000.00	(1)
102-1	MAINTENANCE OF TRAFFIC	LS	$ 3,000.00	1	$ 3,000.00	(1)
110-1-1	CLEARING AND GRUBBING	AC	$ 11,000.00	6.27	$ 68,970.00	(2)
104-13	SILT FENCE STAKED	LF	$ 1.63	2,100	$ 3,423.00	(1)
120-1	EXCAVATION REGULAR	CY	$ 10.73	50,578	$ 542,697.79	(1)
550-2	FENCING, TYPE B	LF	$ 17.00	2,200	$ 37,400.00	(1)
550-76-162	FENCE GATE (TYPE B) (DOUBLE 8') (16' OPENING)	EA	$ 977.73	1	$ 977.73	(1)
575-1-1	SODDING (BAHIA)	SY	$ 3.43	7,333	$ 25,153.33	(1)
	INLET STRUCTURE	EA	$ 12,000.00	1	$ 12,000.00	(2)
	OUTLET STRUCTURE	EA	$ 15,000.00	1	$ 15,000.00	(2)

CONSTRUCTION SUBTOTAL	$ 727,621.85
CONTINGENCIES (20%)	$ 145,524.37
CONSTRUCTION COST	$ 873,146.23
ENGINEERING SERVICES (25% OF CONSTRUCTION COST)	$ 218,286.56
SURVEY AND GEOTECHNICAL SERVICES (15% OF CONSTRUCTION COST)	$ 130,971.93
ACQUISITION COST	$ -
TOTAL	$ 1,222,404.72

(1) UNIT COSTS ARE BASED ON THE August 16, 2007 HILLSBOROUGH COUNTY UNIT PRICE (WORCS)
(2) UNIT COSTS ARE BASED ON THE ESTIMATED AVERAGE MARKET PRICE

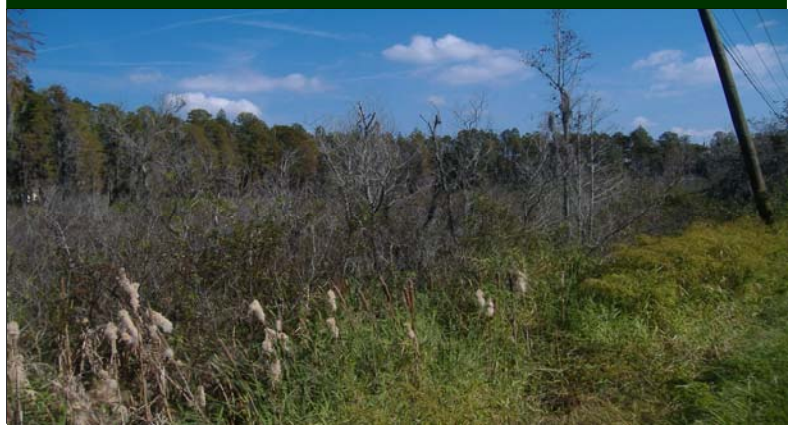
PREFERRED SITES

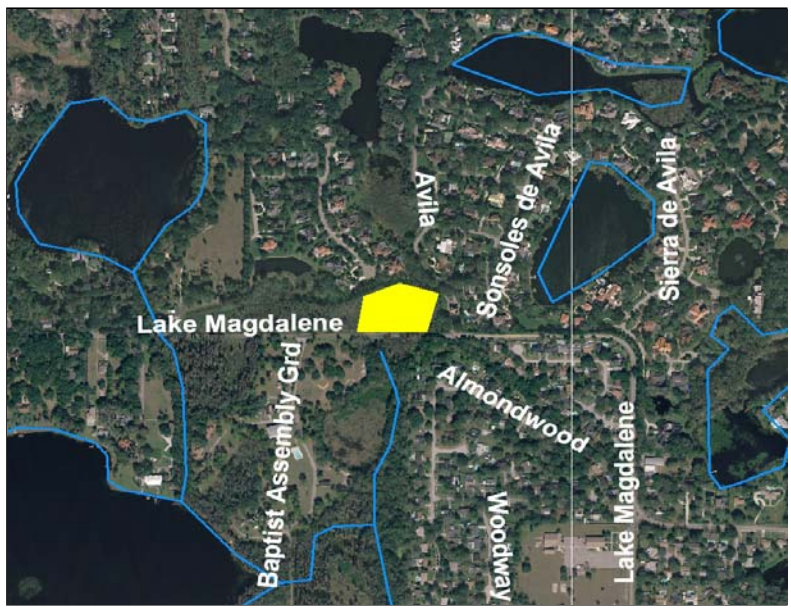
SWC-3 Avila

The field inspection of this site confirmed it is a partial wetland located at the exit of the Avila subdivision and divided by Lake Magdalene Boulevard. Two wetland systems (one on each side of the road) are connected by a double pipe. While this site is dominated by natural land use types, it is outgrown by vegetation. This site presents a perfect opportunity for a wetland enhancement project.

The parcel is surrounded by mostly agricultural and residential land uses that contribute large amounts of pollutants into the watershed's surface waters. Construction of a treatment facility at this location would provide much needed water quality treatment to the surrounding areas.

Site Photo & Location Map





CONCEPTUAL OPINION OF PROBABLE CONSTRUCTION COST
SITE ID: SWC 3

ITEM#	DESCRIPTION	UNIT	UNIT COST	QUANTITY	COST	NOTES
101-1	MOBILIZATION	LS	$ 19,000.00	1	$ 19,000.00	(1)
102-1	MAINTENANCE OF TRAFFIC	LS	$ 3,000.00	1	$ 3,000.00	(1)
110-1-1	CLEARING AND GRUBBING	AC	$ 11,000.00	3.14	$ 34,529.00	(2)
104-13	SILT FENCE STAKED	LF	$ 1.63	1,400	$ 2,282.00	(1)
120-1	EXCAVATION REGULAR	CY	$ 10.73	25,321	$ 271,695.11	(1)
550-2	FENCING, TYPE B	LF	$ 17.00	1,500	$ 25,500.00	(1)
550-76-162	FENCE GATE (TYPE B) (DOUBLE 8') (16' OPENING)	EA	$ 977.73	1	$ 977.73	(1)
575-1-1	SODDING (BAHIA)	SY	$ 3.43	5,000	$ 17,150.00	(1)
	INLET STRUCTURE	EA	$ 12,000.00	1	$ 12,000.00	(2)
	OUTLET STRUCTURE	EA	$ 15,000.00	1	$ 15,000.00	(2)

CONSTRUCTION SUBTOTAL	$ 401,133.84
CONTINGENCIES (20%)	$ 80,226.77
CONSTRUCTION COST	$ 481,360.61
ENGINEERING SERVICES (25% OF CONSTRUCTION COST)	$ 120,340.15
SURVEY AND GEOTECHNICAL SERVICES (15% OF CONSTRUCTION COST)	$ 72,204.09
ACQUISITION COST	$ 837,244.00
TOTAL	**$ 1,511,148.86**

(1) UNIT COSTS ARE BASED ON THE August 16, 2007 HILLSBOROUGH COUNTY UNIT PRICE (WORCS)
(2) UNIT COSTS ARE BASED ON THE ESTIMATED AVERAGE MARKET PRICE

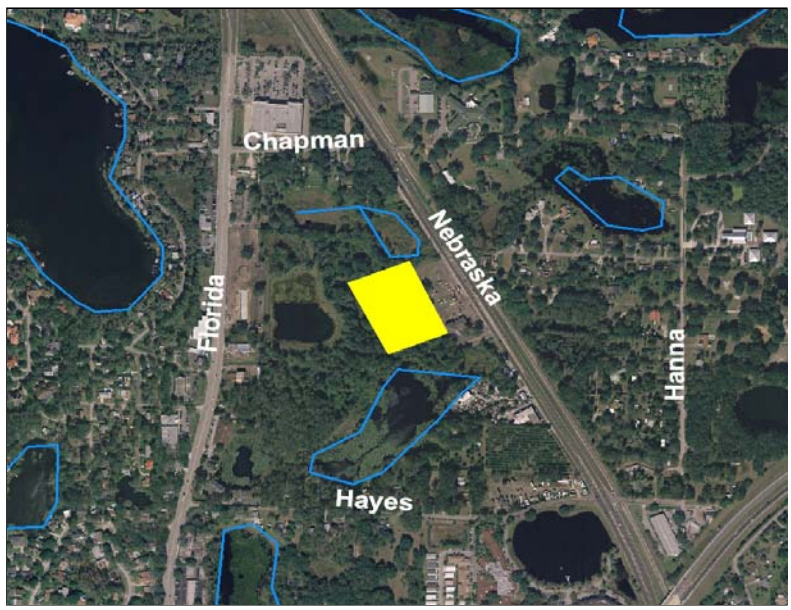
PREFERRED SITES

SWC-4 Nebraska

The field inspection of this site confirmed existence of an undeveloped grassy parcel located near the junction of Nebraska Avenue and Florida Avenue. The site can be accessed via Lake Lane. The site contains some upland forested areas and a large wetland system in the center of the parcel. This site is mostly open and presence of surface water is noted. While the open area of the site is sufficient for construction of a large retention pond, the wetland feature provides an opportunity for wetland improvement/ expansion project.

This parcel is surrounded by agricultural and residential land uses that contribute large amounts of pollutants into the watershed's surface waters. Construction of a treatment facility at this location would provide much needed treatment to the surrounding areas.

Site Photo & Location Map



CONCEPTUAL OPINION OF PROBABLE CONSTRUCTION COST
SITE ID: SWC 4

ITEM#	DESCRIPTION	UNIT	UNIT COST	QUANTITY	COST	NOTES
101-1	MOBILIZATION	LS	$ 19,000.00	1	$ 19,000.00	(1)
102-1	MAINTENANCE OF TRAFFIC	LS	$ 3,000.00	1	$ 3,000.00	(1)
110-1-1	CLEARING AND GRUBBING	AC	$ 11,000.00	5.31	$ 58,454.00	(2)
104-13	SILT FENCE STAKED	LF	$ 1.63	1,900	$ 3,097.00	(1)
120-1	EXCAVATION REGULAR	CY	$ 10.73	42,866	$ 459,951.53	(1)
550-2	FENCING, TYPE B	LF	$ 17.00	2,000	$ 34,000.00	(1)
550-76-162	FENCE GATE (TYPE B) (DOUBLE 8') (16' OPENING)	EA	$ 977.73	1	$ 977.73	(1)
575-1-1	SODDING (BAHIA)	SY	$ 3.43	6,667	$ 22,866.67	(1)
	INLET STRUCTURE	EA	$ 12,000.00	1	$ 12,000.00	(2)
	OUTLET STRUCTURE	EA	$ 15,000.00	1	$ 15,000.00	(2)

CONSTRUCTION SUBTOTAL	$ 628,346.92
CONTINGENCIES (20%)	$ 125,669.38
CONSTRUCTION COST	$ 754,016.31
ENGINEERING SERVICES (25% OF CONSTRUCTION COST)	$ 188,504.08
SURVEY AND GEOTECHNICAL SERVICES (15% OF CONSTRUCTION COST)	$ 113,102.45
ACQUISITION COST	$ -
TOTAL	**$ 1,055,622.83**

(1) UNIT COSTS ARE BASED ON THE August 16, 2007 HILLSBOROUGH COUNTY UNIT PRICE (WORCS)
(2) UNIT COSTS ARE BASED ON THE ESTIMATED AVERAGE MARKET PRICE

PREFERRED SITES

SWC-5 Grady 1

The field inspection of this site confirmed that the potential alternative would have to consist of one of two smaller forested/wetland parcels separated by the Sweetwater Creek watershed. The parcel, located at the end of the Grady Street, is heavily wooded and contains a small canal or a ditch at the back of the property. Because the parcel is overgrown with vegetation, field personnel was unable to access the site. Noted were the presence of bald cypress domes in the center and at the edge of the parcel indicating the existence of wetland or surface water within the parcel. This area demonstrates a potential for a wetland improvement project or construction of a large retention pond. The surrounding areas are mostly residential, contributing large amounts of various pollutants into the watershed's surface water. A stormwater treatment system at this location would provide much needed water quality treatment to the surrounding areas.

Site Photo & Location Map

CONCEPTUAL OPINION OF PROBABLE CONSTRUCTION COST
SITE ID: SWC 5

ITEM#	DESCRIPTION	UNIT	UNIT COST	QUANTITY	COST	NOTES
101-1	MOBILIZATION	LS	$ 19,000.00	1	$ 19,000.00	(1)
102-1	MAINTENANCE OF TRAFFIC	LS	$ 3,000.00	1	$ 3,000.00	(1)
110-1-1	CLEARING AND GRUBBING	AC	$ 11,000.00	4.13	$ 45,397.00	(2)
104-13	SILT FENCE STAKED	LF	$ 1.63	1,900	$ 3,097.00	(1)
120-1	EXCAVATION REGULAR	CY	$ 10.73	33,291	$ 357,211.13	(1)
550-2	FENCING, TYPE B	LF	$ 17.00	2,000	$ 34,000.00	(1)
550-76-162	FENCE GATE (TYPE B) (DOUBLE 8') (16' OPENING)	EA	$ 977.73	1	$ 977.73	(1)
575-1-1	SODDING (BAHIA)	SY	$ 3.43	6,667	$ 22,866.67	(1)
	INLET STRUCTURE	EA	$ 12,000.00	1	$ 12,000.00	(2)
	OUTLET STRUCTURE	EA	$ 15,000.00	1	$ 15,000.00	(2)

CONSTRUCTION SUBTOTAL	$ 512,549.53
CONTINGENCIES (20%)	$ 102,509.91
CONSTRUCTION COST	$ 615,059.43
ENGINEERING SERVICES (25% OF CONSTRUCTION COST)	$ 153,764.86
SURVEY AND GEOTECHNICAL SERVICES (15% OF CONSTRUCTION COST)	$ 92,258.91
ACQUISITION COST	$ 51,393.00
TOTAL	**$ 912,476.20**

(1) UNIT COSTS ARE BASED ON THE August 16, 2007 HILLSBOROUGH COUNTY UNIT PRICE (WORCS)
(2) UNIT COSTS ARE BASED ON THE ESTIMATED AVERAGE MARKET PRICE

PREFERRED SITES

SWC-6 Grady 2

The field inspection of this site confirmed that the potential alternative would have to consist of one of two smaller forested/wetland parcels separated by the Sweetwater Creek watershed. The parcel, located at the end of the Grady Street, is heavily wooded and contains a small canal or a ditch at the back of the property. Because the parcel is overgrown with vegetation, field personnel was unable to access the site. Noted were the presence of bald cypress domes in the center and at the edge of the parcel, indicating the existence of wetland or surface water within the parcel. This area demonstrates a potential for a wetland improvement project or construction of a large retention pond. The surrounding areas are mostly residential, contributing large amounts of various pollutants into the watershed's surface water. A stormwater treatment system at this location would provide much needed water quality treatment to the surrounding areas.

Site Photo & Location Map

CONCEPTUAL OPINION OF PROBABLE CONSTRUCTION COST
SITE ID: SWC 6

ITEM#	DESCRIPTION	UNIT	UNIT COST	QUANTITY	COST	NOTES
101-1	MOBILIZATION	LS	$ 19,000.00	1	$ 19,000.00	(1)
102-1	MAINTENANCE OF TRAFFIC	LS	$ 3,000.00	1	$ 3,000.00	(1)
110-1-1	CLEARING AND GRUBBING	AC	$ 11,000.00	12.09	$ 133,001.00	(2)
104-13	SILT FENCE STAKED	LF	$ 1.63	2,900	$ 4,727.00	(1)
120-1	EXCAVATION REGULAR	CY	$ 10.73	97,533	$ 1,046,532.53	(1)
550-2	FENCING, TYPE B	LF	$ 17.00	3,000	$ 51,000.00	(1)
550-76-162	FENCE GATE (TYPE B) (DOUBLE 8') (16' OPENING)	EA	$ 977.73	1	$ 977.73	(1)
575-1-1	SODDING (BAHIA)	SY	$ 3.43	10,000	$ 34,300.00	(1)
	INLET STRUCTURE	EA	$ 12,000.00	1	$ 12,000.00	(2)
	OUTLET STRUCTURE	EA	$ 15,000.00	1	$ 15,000.00	(2)

CONSTRUCTION SUBTOTAL	$ 1,319,538.26
CONTINGENCIES (20%)	$ 263,907.65
CONSTRUCTION COST	$ 1,583,445.92
ENGINEERING SERVICES (25% OF CONSTRUCTION COST)	$ 395,861.48
SURVEY AND GEOTECHNICAL SERVICES (15% OF CONSTRUCTION COST)	$ 237,516.89
ACQUISITION COST	$ 5,220.00
TOTAL	**$ 2,222,044.29**

(1) UNIT COSTS ARE BASED ON THE August 16, 2007 HILLSBOROUGH COUNTY UNIT PRICE (WORCS)
(2) UNIT COSTS ARE BASED ON THE ESTIMATED AVERAGE MARKET PRICE

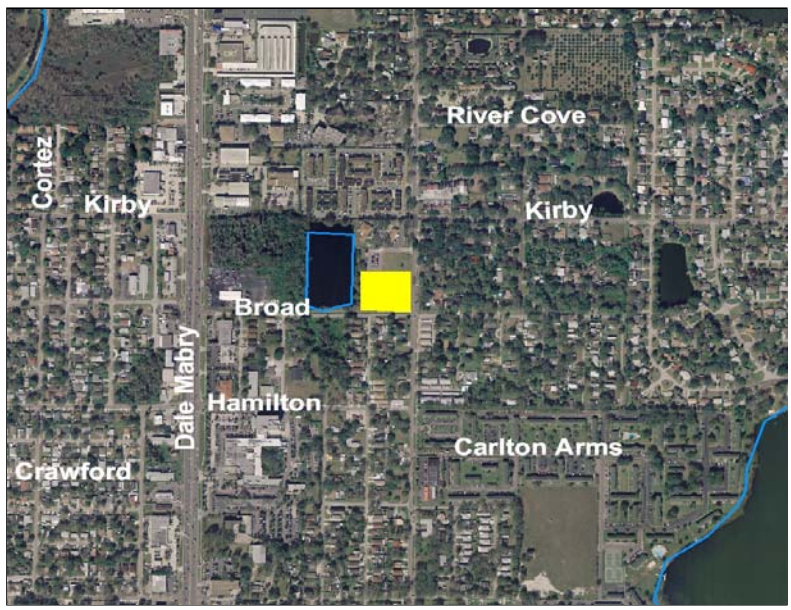
PREFERRED SITES

SWC-7 Himes

The field inspection of this site confirmed existence of large open undeveloped grassy parcel located near the junction of Broad Street and Himes Avenue. Two small medical buildings with adjacent parking lots are located in the northwestern quarter of the parcel. A large retention pond can be found directly to the west of the site. The site does not seem to provide an opportunity for improvement or an expansion of an existing wetland. While existing stormwater retention pond provides water quality treatment to the surrounding areas, excavation of the site in question may provide additional treatment.

Surrounding parcels consist mostly of built-up and residential land use types that contribute large amounts of pollutants into the watershed's surface waters. This site provides an excellent opportunity for improvement and expansion of an existing stormwater treatment facility.

Site Photo & Location Map



CONCEPTUAL OPINION OF PROBABLE CONSTRUCTION COST
SITE ID: SWC 7

ITEM#	DESCRIPTION	UNIT	UNIT COST	QUANTITY	COST	NOTES
101-1	MOBILIZATION	LS	$ 19,000.00	1	$ 19,000.00	(1)
102-1	MAINTENANCE OF TRAFFIC	LS	$ 3,000.00	1	$ 3,000.00	(1)
110-1-1	CLEARING AND GRUBBING	AC	$ 11,000.00	2.01	$ 22,088.00	(2)
104-13	SILT FENCE STAKED	LF	$ 1.63	1,200	$ 1,956.00	(1)
120-1	EXCAVATION REGULAR	CY	$ 10.73	16,198	$ 173,801.78	(1)
550-2	FENCING, TYPE B	LF	$ 17.00	1,300	$ 22,100.00	(1)
550-76-162	FENCE GATE (TYPE B) (DOUBLE 8') (16' OPENING)	EA	$ 977.73	1	$ 977.73	(1)
575-1-1	SODDING (BAHIA)	SY	$ 3.43	4,333	$ 14,863.33	(1)
	INLET STRUCTURE	EA	$ 12,000.00	1	$ 12,000.00	(2)
	OUTLET STRUCTURE	EA	$ 15,000.00	1	$ 15,000.00	(2)

CONSTRUCTION SUBTOTAL	$ 284,786.84
CONTINGENCIES (20%)	$ 56,957.37
CONSTRUCTION COST	$ 341,744.21
ENGINEERING SERVICES (25% OF CONSTRUCTION COST)	$ 85,436.05
SURVEY AND GEOTECHNICAL SERVICES (15% OF CONSTRUCTION COST)	$ 51,261.63
ACQUISITION COST	$ 1,637,900.00
TOTAL	**$ 2,116,341.90**

(1) UNIT COSTS ARE BASED ON THE August 16, 2007 HILLSBOROUGH COUNTY UNIT PRICE (WORCS)
(2) UNIT COSTS ARE BASED ON THE ESTIMATED AVERAGE MARKET PRICE

AYRES ASSOCIATES

PREFERRED SITES

SWC-8 Linebaugh

The field inspection of this site confirmed existence of an undeveloped open parcel located to the southeast of Linebaugh Avenue and Anderson Road intersection. While the site is undeveloped, it is overgrown with vegetation, demonstrating existence of some exotic species of plants along its perimeter. A small business building is located at the south edge of the parcel. The open area of the site is sufficient for construction of a large retention pond and the wetland feature located to the west of the site provides an opportunity for wetland improvement/ expansion project.

This parcel is surrounded by industrial and residential land uses that contribute large amounts of pollutants into the watershed's surface waters. Construction of a treatment facility at this location would provide much needed treatment to the surrounding areas.

Site Photo & Location Map

CONCEPTUAL OPINION OF PROBABLE CONSTRUCTION COST
SITE ID: SWC 8

ITEM#	DESCRIPTION	UNIT	UNIT COST	QUANTITY	COST	NOTES
101-1	MOBILIZATION	LS	$ 19,000.00	1	$ 19,000.00	(1)
102-1	MAINTENANCE OF TRAFFIC	LS	$ 3,000.00	1	$ 3,000.00	(1)
110-1-1	CLEARING AND GRUBBING	AC	$ 11,000.00	2.29	$ 25,201.00	(2)
104-13	SILT FENCE STAKED	LF	$ 1.63	1,500	$ 2,445.00	(1)
120-1	EXCAVATION REGULAR	CY	$ 10.73	18,481	$ 198,296.75	(1)
550-2	FENCING, TYPE B	LF	$ 17.00	1,600	$ 27,200.00	(1)
550-76-162	FENCE GATE (TYPE B) (DOUBLE 8') (16' OPENING)	EA	$ 977.73	1	$ 977.73	(1)
575-1-1	SODDING (BAHIA)	SY	$ 3.43	5,333	$ 18,293.33	(1)
	INLET STRUCTURE	EA	$ 12,000.00	1	$ 12,000.00	(2)
	OUTLET STRUCTURE	EA	$ 15,000.00	1	$ 15,000.00	(2)

CONSTRUCTION SUBTOTAL	$ 321,413.82
CONTINGENCIES (20%)	$ 64,282.76
CONSTRUCTION COST	$ 385,696.58
ENGINEERING SERVICES (25% OF CONSTRUCTION COST)	$ 96,424.14
SURVEY AND GEOTECHNICAL SERVICES (15% OF CONSTRUCTION COST)	$ 57,854.49
ACQUISITION COST	$ 604,669.00
TOTAL	**$ 1,144,644.21**

(1) UNIT COSTS ARE BASED ON THE August 16, 2007 HILLSBOROUGH COUNTY UNIT PRICE (WORCS)
(2) UNIT COSTS ARE BASED ON THE ESTIMATED AVERAGE MARKET PRICE

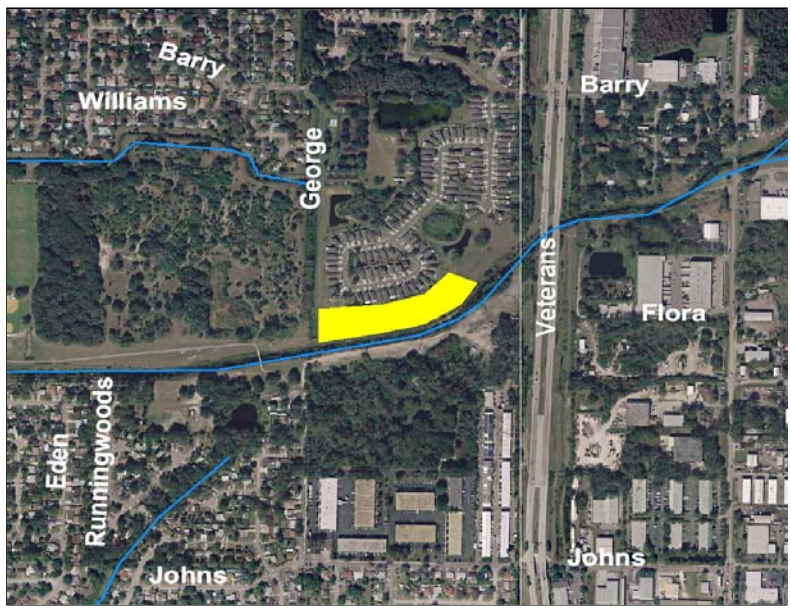
PREFERRED SITES

SWC-9 Veterans

The field inspection of this site confirmed existence of an undeveloped open parcel located to the west of the Veterans Expressway overpass over Sweetwater Creek. This parcel is adjacent to the Sweetwater Creek and is located at the back of a residential development. The open area of the site is sufficient for construction of a large retention pond. There is no wetland feature near the site that provides an opportunity for wetland improvement/ expansion project.

This parcel is surrounded by industrial and residential land uses that contribute large amounts of pollutants into the watershed's surface waters. Construction of a retention facility at this location would provide much needed water quality treatment to the runoff before it would enter Sweetwater Creek.

Site Photo & Location Map



CONCEPTUAL OPINION OF PROBABLE CONSTRUCTION COST
SITE ID: SWC 9

ITEM#	DESCRIPTION	UNIT	UNIT COST	QUANTITY	COST	NOTES
101-1	MOBILIZATION	LS	$ 19,000.00	1	$ 19,000.00	(1)
102-1	MAINTENANCE OF TRAFFIC	LS	$ 3,000.00	1	$ 3,000.00	(1)
110-1-1	CLEARING AND GRUBBING	AC	$ 11,000.00	4.74	$ 52,107.00	(2)
104-13	SILT FENCE STAKED	LF	$ 1.63	2,400	$ 3,912.00	(1)
120-1	EXCAVATION REGULAR	CY	$ 10.73	38,212	$ 410,009.48	(1)
550-2	FENCING, TYPE B	LF	$ 17.00	2,500	$ 42,500.00	(1)
550-76-162	FENCE GATE (TYPE B) (DOUBLE 8') (16' OPENING)	EA	$ 977.73	1	$ 977.73	(1)
575-1-1	SODDING (BAHIA)	SY	$ 3.43	8,333	$ 28,583.33	(1)
	INLET STRUCTURE	EA	$ 12,000.00	1	$ 12,000.00	(2)
	OUTLET STRUCTURE	EA	$ 15,000.00	1	$ 15,000.00	(2)

CONSTRUCTION SUBTOTAL	$	587,089.54
CONTINGENCIES (20%)	$	117,417.91
CONSTRUCTION COST	$	704,507.45
ENGINEERING SERVICES (25% OF CONSTRUCTION COST)	$	176,126.86
SURVEY AND GEOTECHNICAL SERVICES (15% OF CONSTRUCTION COST)	$	105,676.12
ACQUISITION COST	$	-
TOTAL	**$**	**986,310.43**

(1) UNIT COSTS ARE BASED ON THE August 16, 2007 HILLSBOROUGH COUNTY UNIT PRICE (WORCS)
(2) UNIT COSTS ARE BASED ON THE ESTIMATED AVERAGE MARKET PRICE

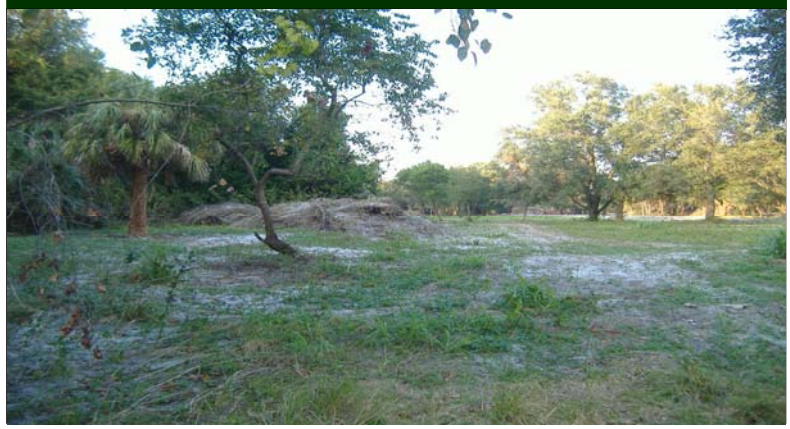
PREFERRED SITES

SWC-10 Park

The field inspection of this site confirmed existence of a large undeveloped parcel located to the west of the Veterans Expressway overpass over Sweetwater Creek. This parcel is adjacent to the Sweetwater Creek along the Town'N'Country Greenway. The open area of the site is more than sufficient for construction of a large retention/treatment facility. There is a wetland feature located to the west of the parcel, which may provide an opportunity for wetland improvement/ expansion project.

This parcel is surrounded by mainly residential land uses that contribute large amounts of pollutants into the watershed's surface waters. Construction of a retention facility at this location would provide much needed water quality treatment to the runoff before it would enter Sweetwater Creek.

Site Photo & Location Map



CONCEPTUAL OPINION OF PROBABLE CONSTRUCTION COST
SITE ID: SWC 10

ITEM#	DESCRIPTION	UNIT	UNIT COST	QUANTITY	COST	NOTES
101-1	MOBILIZATION	LS	$ 19,000.00	1	$ 19,000.00	(1)
102-1	MAINTENANCE OF TRAFFIC	LS	$ 3,000.00	1	$ 3,000.00	(1)
110-1-1	CLEARING AND GRUBBING	AC	$ 11,000.00	11.01	$ 121,088.00	(2)
104-13	SILT FENCE STAKED	LF	$ 1.63	2,800	$ 4,564.00	(1)
120-1	EXCAVATION REGULAR	CY	$ 10.73	88,797	$ 952,793.83	(1)
550-2	FENCING, TYPE B	LF	$ 17.00	2,900	$ 49,300.00	(1)
550-76-162	FENCE GATE (TYPE B) (DOUBLE 8') (16' OPENING)	EA	$ 977.73	1	$ 977.73	(1)
575-1-1	SODDING (BAHIA)	SY	$ 3.43	9,667	$ 33,156.67	(1)
	INLET STRUCTURE	EA	$ 12,000.00	1	$ 12,000.00	(2)
	OUTLET STRUCTURE	EA	$ 15,000.00	1	$ 15,000.00	(2)

CONSTRUCTION SUBTOTAL	$ 1,210,880.22
CONTINGENCIES (20%)	$ 242,176.04
CONSTRUCTION COST	$ 1,453,056.27
ENGINEERING SERVICES (25% OF CONSTRUCTION COST)	$ 363,264.07
SURVEY AND GEOTECHNICAL SERVICES (15% OF CONSTRUCTION COST)	$ 217,958.44
ACQUISITION COST	$ 910,998.00
TOTAL	**$ 2,945,276.77**

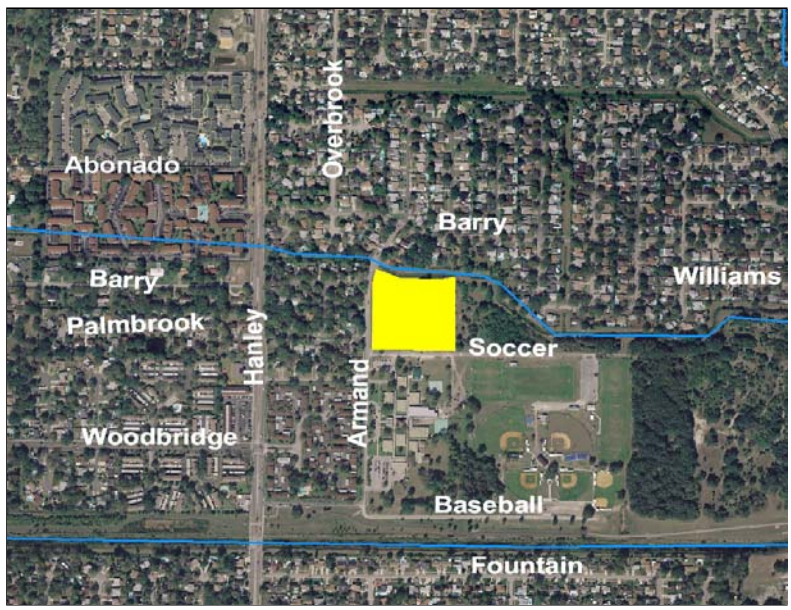
(1) UNIT COSTS ARE BASED ON THE August 16, 2007 HILLSBOROUGH COUNTY UNIT PRICE (WORCS)
(2) UNIT COSTS ARE BASED ON THE ESTIMATED AVERAGE MARKET PRICE

PREFERRED SITES

SWC-11 Armand

The field inspection of this site confirmed existence of a large undeveloped open parcel located at the corner of Armand Circle and Soccer Avenue. This site is also located to the north of the Town'N'Country Greenway. This parcel large in size; it is cleared with a forested portion to the east of the site. This parcel is a part of the Shimberg Park Sports Complex and is most likely used for such activities as soccer practice. A small trailer/mobile home, serving as an office, is located in the center of the parcel. The area is fenced out and is under private ownership. The location and size of the parcel make it a great site for a potential structural alternative. Surrounding areas mostly consist of residential land uses that contribute large amounts of pollutants into the watershed's surface waters. Construction of a retention facility at this location would provide water quality treatment to the runoff before it would enter Sweetwater Creek.

Site Photo & Location Map



CONCEPTUAL OPINION OF PROBABLE CONSTRUCTION COST
SITE ID: SWC 11

ITEM#	DESCRIPTION	UNIT	UNIT COST	QUANTITY	COST	NOTES
101-1	MOBILIZATION	LS	$ 19,000.00	1	$ 19,000.00	(1)
102-1	MAINTENANCE OF TRAFFIC	LS	$ 3,000.00	1	$ 3,000.00	(1)
110-1-1	CLEARING AND GRUBBING	AC	$ 11,000.00	6.11	$ 67,177.00	(2)
104-13	SILT FENCE STAKED	LF	$ 1.63	2,100	$ 3,423.00	(1)
120-1	EXCAVATION REGULAR	CY	$ 10.73	49,263	$ 528,589.38	(1)
550-2	FENCING, TYPE B	LF	$ 17.00	2,200	$ 37,400.00	(1)
550-76-162	FENCE GATE (TYPE B) (DOUBLE 8') (16' OPENING)	EA	$ 977.73	1	$ 977.73	(1)
575-1-1	SODDING (BAHIA)	SY	$ 3.43	7,333	$ 25,153.33	(1)
	INLET STRUCTURE	EA	$ 12,000.00	1	$ 12,000.00	(2)
	OUTLET STRUCTURE	EA	$ 15,000.00	1	$ 15,000.00	(2)

CONSTRUCTION SUBTOTAL	$ 711,720.44
CONTINGENCIES (20%)	$ 142,344.09
CONSTRUCTION COST	$ 854,064.53
ENGINEERING SERVICES (25% OF CONSTRUCTION COST)	$ 213,516.13
SURVEY AND GEOTECHNICAL SERVICES (15% OF CONSTRUCTION COST)	$ 128,109.68
ACQUISITION COST	$ 492,000.00
TOTAL	**$ 1,687,690.34**

(1) UNIT COSTS ARE BASED ON THE August 16, 2007 HILLSBOROUGH COUNTY UNIT PRICE (WORCS)
(2) UNIT COSTS ARE BASED ON THE ESTIMATED AVERAGE MARKET PRICE

VERIFIED LIST OF IMPAIRED WATERS FOR THE GROUP 1 BASINS (INCLUDING AMENDED ORDER - MARCH 2003)

TAMPA BAY BASIN

BASIN	WBID[1]	WATER SEGMENT NAME	PARAMETERS IDENTIFIED USING THE IMPAIRED WATERS RULE	CONCENTRATIONS CAUSING IMPAIRMENT[2]	PRIORITY FOR TMDL DEVELOPMENT[3]	PROJECTED YEAR FOR TMDL DEVELOPMENT	COMMENTS
TAMPA BAY	1473W	LAKE JUANITA	NUTRIENTS (HISTORIC TSI)	MEDIAN TN = 0.60 MG/L; MEDIAN TP = 0.01 MG/L	MEDIUM	2008	NITROGEN AND PHOSPHORUS ARE LIMITING NUTRIENTS.
TAMPA BAY	1473X	MOUND LAKE	NUTRIENTS (HISTORIC TSI)	MEDIAN TN = 0.45 MG/L; MEDIAN TP = 0.01 MG/L	MEDIUM	2008	NITROGEN AND PHOSPHORUS ARE LIMITING NUTRIENTS.
TAMPA BAY	1473Y	CALM LAKE	NUTRIENTS (HISTORIC TSI)	MEDIAN TN = 0.33 MG/L; MEDIAN TP = 0.01 MG/L	MEDIUM	2008	NITROGEN AND PHOSPHORUS ARE LIMITING NUTRIENTS.
TAMPA BAY	1474V	CRESCENT	NUTRIENTS (TSI)	MEDIAN TN = 0.65 MG/L; MEDIAN TP = 0.02 MG/L	MEDIUM	2008	NITROGEN AND PHOSPHORUS ARE LIMITING NUTRIENTS.
TAMPA BAY	1474W	DEAD LADY LAKE	NUTRIENTS (TSI)	MEDIAN TN = 0.88 MG/L; MEDIAN TP = 0.03 MG/L	MEDIUM	2008	NITROGEN AND PHOSPHORUS ARE LIMITING NUTRIENTS.
TAMPA BAY	1478H	LAKE REINHEIMER - OPEN	NUTRIENTS (TSI)	MEDIAN TN = 1.03 MG/L; MEDIAN TP = 0.02 MG/L	MEDIUM	2008	NITROGEN AND PHOSPHORUS ARE LIMITING NUTRIENTS.
TAMPA BAY	1486	LAKE TARPON	DISSOLVED OXYGEN	< 5.0 MG/L	MEDIUM	2008	LINKED TO NUTRIENTS.
TAMPA BAY	1486	LAKE TARPON	NUTRIENTS (TSI)	MEDIAN TN = 1.13 MG/L; MEDIAN TP = 0.03 MG/L	MEDIUM	2008	NITROGEN AND PHOSPHORUS ARE LIMITING NUTRIENTS. NUTRIENTS BEING ADDRESSED BY SWFWMD THROUGH PLRGS.
TAMPA BAY	1486A	LAKE TARPON	DISSOLVED OXYGEN	< 5.0 MG/L	MEDIUM	2008	THIS WBID WAS PREVIOUSLY INCLUDED ON THE VERIFIED LIST AS WBID 1486, BUT SHOULD HAVE BEEN LISTED AS 1486A. LINKED TO NUTRIENTS.
TAMPA BAY	1493	BUCK LAKE	NUTRIENTS (TSI)	MEDIAN TN = 1.18 MG/L; MEDIAN TP = 0.14 MG/L	MEDIUM	2008	NITROGEN AND PHOSPHORUS ARE LIMITING NUTRIENTS.
TAMPA BAY	1494B	BRANT LAKE	NUTRIENTS (TSI)	MEDIAN TN = 1.03 MG/L; MEDIAN TP = 0.04 MG/L	MEDIUM	2008	NITROGEN AND PHOSPHORUS ARE LIMITING NUTRIENTS.
TAMPA BAY	1496	SUNSET LAKE	NUTRIENTS (TSI)	MEDIAN TN = 0.72 MG/L; MEDIAN TP = 0.02 MG/L	MEDIUM	2008	NITROGEN AND PHOSPHORUS ARE LIMITING NUTRIENTS.
TAMPA BAY	1502A	LAKE ESTES	NUTRIENTS (TSI)	MEDIAN TN = 0.82 MG/L; MEDIAN TP = 0.03 MG/L	MEDIUM	2008	NITROGEN AND PHOSPHORUS ARE LIMITING NUTRIENTS.
TAMPA BAY	1502C	CHAPMAN LAKE	NUTRIENTS (TSI)	MEDIAN TN = 1.07 MG/L; MEDIAN TP = 0.04 MG/L	MEDIUM	2008	NITROGEN AND PHOSPHORUS ARE LIMITING NUTRIENTS.
TAMPA BAY	1507A	ROCKY CREEK	NUTRIENTS (CHL A)	TN = 1.35 MG/L	HIGH	2003	AS NOTED IN THE DEPARTMENT'S OCTOBER 1 SUBMITTAL TO EPA, THIS WATER SHOULD HAVE BEEN INCLUDED IN THE ORIGINAL ORDER ADOPTED BY THE SECRETARY BUT WAS INADVERTENTLY LEFT OFF THE LIST. NITROGEN IS THE LIMITING NUTRIENT.
TAMPA BAY	1507A	ROCKY CREEK	DISSOLVED OXYGEN	< 4.0 MG/L, AND LESS THAN 5.0 MG/L AS DAILY AVERAGE	HIGH	2003	LINKED TO NUTRIENTS AND BOD. FLOW DISRUPTED BY CONTROL STRUCTURES. ALGAL BLOOMS OBSERVED.
TAMPA BAY	1507A	ROCKY CREEK	NUTRIENTS (HISTORIC CHLOROPHYLL)	MEDIAN TN = 1.35 MG/L	MEDIUM	2008	NITROGEN IS LIMITING NUTRIENT. FLOW DISRUPTED BY CONTROL STRUCTURES. ALGAL BLOOMS OBSERVED.
TAMPA BAY	1513	DOUBLE BRANCH	COLIFORMS (TOTAL COLIFORM)	> 2400 PER ML	LOW	2008	
TAMPA BAY	1513	DOUBLE BRANCH	DISSOLVED OXYGEN	< 4.0 MG/L, AND LESS THAN 5.0 MG/L AS DAILY AVERAGE	LOW	2008	LINKED TO NUTRIENTS.
TAMPA BAY	1516	SWEETWATER CREEK – UPPER	NUTRIENTS (CHL A)	TN = 0.67 MG/L	MEDIUM	2008	AS NOTED IN THE DEPARTMENT'S OCTOBER 1 SUBMITTAL TO EPA, THIS WATER SHOULD HAVE BEEN INCLUDED IN THE ORIGINAL ORDER ADOPTED BY THE SECRETARY BUT WAS INADVERTENTLY LEFT OFF THE LIST. NITROGEN IS THE LIMITING NUTRIENT.
TAMPA BAY	1516	SWEETWATER CREEK - UPPER	COLIFORMS (TOTAL COLIFORM)	> 2400 PER ML	LOW	2008	
TAMPA BAY	1516	SWEETWATER CREEK - UPPER	DISSOLVED OXYGEN	< 5.0 MG/L	LOW	2008	LINKED TO NUTRIENTS.
TAMPA BAY	1516	SWEETWATER CREEK - UPPER	NUTRIENTS (HISTORIC CHLOROPHYLL)	MEDIAN TN = 0.67 MG/L	MEDIUM	2008	NITROGEN IS LIMITING NUTRIENT.

TAMPA BAY	1516A	LAKE CARROLL	NUTRIENTS (TSI)	MEDIAN TN = 0.44 MG/L; MEDIAN TP = 0.01 MG/L	MEDIUM	2008	NITROGEN AND PHOSPHORUS ARE LIMITING NUTRIENTS.
TAMPA BAY	1516B	LAKE MADELENE	NUTRIENTS (TSI)	MEDIAN TN = 0.67 MG/L; MEDIAN TP = 0.01 MG/L	MEDIUM	2008	NITROGEN AND PHOSPHORUS ARE LIMITING NUTRIENTS.
TAMPA BAY	1516E	LAKE ELLEN - OPEN WATER	NUTRIENTS (TSI)	MEDIAN TN = 0.72 MG/L; MEDIAN TP = 0.02 MG/L	MEDIUM	2008	NITROGEN AND PHOSPHORUS ARE LIMITING NUTRIENTS.
TAMPA BAY	1530	MOCCASIN CREEK	NUTRIENTS (CHLOROPHYLL)	MEDIAN TN = 0.94 MG/L	LOW	2008	NITROGEN IS LIMITING NUTRIENT.
TAMPA BAY	1536C	TAMPA BYPASS CANAL	COLIFORMS (TOTAL)	> 2400 PER 100 ML	MEDIUM	2008	AS NOTED IN THE DEPARTMENT'S OCTOBER 1 SUBMITTAL TO EPA, THIS WATER SHOULD HAVE BEEN INCLUDED IN THE ORIGINAL ORDER ADOPTED BY THE SECRETARY BUT WAS INADVERTENTLY LEFT OFF THE LIST. 13 EXCEEDANCES/72 SAMPLES.
TAMPA BAY	1536C	TAMPA BYPASS CANAL	NUTRIENTS (CHL A)	TN = 0.89 MG/L	MEDIUM	2008	AS NOTED IN THE DEPARTMENT'S OCTOBER 1 SUBMITTAL TO EPA, THIS WATER SHOULD HAVE BEEN INCLUDED IN THE ORIGINAL ORDER ADOPTED BY THE SECRETARY BUT WAS INADVERTENTLY LEFT OFF THE LIST. NITROGEN IS LIMITING NUTRIENT.
TAMPA BAY	1536C	TAMPA BYPASS CANAL	DISSOLVED OXYGEN	< 5.0 MG/L	LOW	2008	LINKED TO NUTRIENTS AND BOD. FLOW DISRUPTED BY CONTROL STRUCTURES. ALGAL BLOOMS OBSERVED.
TAMPA BAY	1536E	PALM RIVER	NUTRIENTS (CHL A)	TN = 1.02 MG/L	MEDIUM	2008	AS NOTED IN THE DEPARTMENT'S OCTOBER 1 SUBMITTAL TO EPA, THIS WATER SHOULD HAVE BEEN INCLUDED IN THE ORIGINAL ORDER ADOPTED BY THE SECRETARY BUT WAS INADVERTENTLY LEFT OFF THE LIST. NITROGEN IS LIMITING NUTRIENT.
TAMPA BAY	1536E	PALM RIVER	DISSOLVED OXYGEN	< 4.0 MG/L, AND LESS THAN 5.0 MG/L AS DAILY AVERAGE	LOW	2008	LINKED TO NUTRIENTS AND BOD. FLOW DISRUPTED BY CONTROL STRUCTURES. ALGAL BLOOMS OBSERVED.
TAMPA BAY	1536E	PALM RIVER	NUTRIENTS (HISTORIC CHLOROPHYLL)	MEDIAN TN = 1.0 MG/L	MEDIUM	2008	NITROGEN IS LIMITING NUTRIENT. FLOW DISRUPTED BY CONTROL STRUCTURES. ALGAL BLOOMS OBSERVED.
TAMPA BAY	1536F	SIXMILE CREEK	NUTRIENTS (CHL A)	TN = 0.74 MG/L	MEDIUM	2008	THIS WATER SHOULD HAVE BEEN INCLUDED IN THE ORIGINAL ORDER ADOPTED BY THE SECRETARY BUT WAS INADVERTENTLY LEFT OFF THE LIST. NITROGEN IS LIMITING NUTRIENT. IN THE DEPARTMENT'S OCTOBER 1 SUBMITTAL TO EPA, THIS SEGMENT WAS INCORRECTLY REFERRED TO AS WBID 1536B.
TAMPA BAY	1536F	SIXMILE CREEK	DISSOLVED OXYGEN	< 5.0 MG/L	MEDIUM	2008	THIS WATER IS BEING ADDED BECAUSE DATA FOR THIS WATER WERE INCORRECTLY ATTRIBUTED TO WBID 1536B IN THE ORIGINAL ORDER ADOPTED BY THE SECRETARY. LINKED TO NUTRIENTS AND BOD. FLOW DISRUPTED BY CONTROL STRUCTURES. ALGAL BLOOMS OBSERVED.
TAMPA BAY	1558A	TAMPA BAY LOWER	MERCURY-FISH	LESS THAN CURRENT CRITERION (0.025 UG/L)	LOW	2011	AGE OF DATA VERIFIED TO BE WITHIN LAST 7.5 YEARS. NUMERIC CRITERION IS INADEQUATE BECAUSE MERCURY IS ACCUMULATING IN THE FOOD CHAIN SUCH THAT FISH TISSUE MERCURY LEVELS EXCEED RECOMMENDED LEVELS FOR CONSUMPTION.
TAMPA BAY	1558A	TAMPA BAY LOWER	COLIFORMS - SHELLFISH	EXCEEDS SEAS THRESHOLDS	MEDIUM	2008	LISTED DUE TO DOWNGRADE IN SHELLFISH HARVESTING CLASSIFICATION.
TAMPA BAY	1558B	TAMPA BAY MID	COLIFORMS - SHELLFISH	EXCEEDS SEAS THRESHOLDS	MEDIUM	2008	LISTED DUE TO DOWNGRADE IN SHELLFISH HARVESTING CLASSIFICATION.
TAMPA BAY	1558B	TAMPA BAY MID	MERCURY-FISH	LESS THAN CURRENT CRITERION (0.025 UG/L)	LOW	2011	AGE OF DATA VERIFIED TO BE WITHIN LAST 7.5 YEARS. NUMERIC CRITERION IS INADEQUATE BECAUSE MERCURY IS ACCUMULATING IN THE FOOD CHAIN SUCH THAT FISH TISSUE MERCURY LEVELS EXCEED RECOMMENDED LEVELS FOR CONSUMPTION.
TAMPA BAY	1558C	TAMPA BAY UPPER	MERCURY-FISH	LESS THAN CURRENT CRITERION (0.025 UG/L)	LOW	2011	AGE OF DATA VERIFIED TO BE WITHIN LAST 7.5 YEARS. NUMERIC CRITERION IS INADEQUATE BECAUSE MERCURY IS ACCUMULATING IN THE FOOD CHAIN SUCH THAT FISH TISSUE MERCURY LEVELS EXCEED RECOMMENDED LEVELS FOR CONSUMPTION.
TAMPA BAY	1558D	HILLSBOROUGH BAY LOWER	MERCURY-FISH	LESS THAN CURRENT CRITERION (0.025 UG/L)	LOW	2011	AGE OF DATA VERIFIED TO BE WITHIN LAST 7.5 YEARS. NUMERIC CRITERION IS INADEQUATE BECAUSE MERCURY IS ACCUMULATING IN THE FOOD CHAIN SUCH THAT FISH TISSUE MERCURY LEVELS EXCEED RECOMMENDED LEVELS FOR CONSUMPTION.

TAMPA BAY	1558E	HILLSBOROUGH BAY UPPER	MERCURY-FISH	LESS THAN CURRENT CRITERION (0.025 UG/L)	HIGH	2011	AGE OF DATA VERIFIED TO BE WITHIN LAST 7.5 YEARS. NUMERIC CRITERION IS INADEQUATE BECAUSE MERCURY IS ACCUMULATING IN THE FOOD CHAIN SUCH THAT FISH TISSUE MERCURY LEVELS EXCEED RECOMMENDED LEVELS FOR CONSUMPTION.
TAMPA BAY	1558F	OLD TAMPA BAY LOWER	COLIFORMS - SHELLFISH	EXCEEDS SEAS THRESHOLDS	MEDIUM	2008	LISTED DUE TO DOWNGRADE IN SHELLFISH HARVESTING CLASSIFICATION.
TAMPA BAY	1558F	OLD TAMPA BAY LOWER	MERCURY-FISH	LESS THAN CURRENT CRITERION (0.025 UG/L)	LOW	2011	AGE OF DATA VERIFIED TO BE WITHIN LAST 7.5 YEARS. NUMERIC CRITERION IS INADEQUATE BECAUSE MERCURY IS ACCUMULATING IN THE FOOD CHAIN SUCH THAT FISH TISSUE MERCURY LEVELS EXCEED RECOMMENDED LEVELS FOR CONSUMPTION.
TAMPA BAY	1558G	OLD TAMPA BAY	COLIFORMS - SHELLFISH	EXCEEDS SEAS THRESHOLDS	MEDIUM	2008	LISTED DUE TO DOWNGRADE IN SHELLFISH HARVESTING CLASSIFICATION.
TAMPA BAY	1558G	OLD TAMPA BAY	MERCURY-FISH	LESS THAN CURRENT CRITERION (0.025 UG/L)	LOW	2011	AGE OF DATA VERIFIED TO BE WITHIN LAST 7.5 YEARS. NUMERIC CRITERION IS INADEQUATE BECAUSE MERCURY IS ACCUMULATING IN THE FOOD CHAIN SUCH THAT FISH TISSUE MERCURY LEVELS EXCEED RECOMMENDED LEVELS FOR CONSUMPTION.
TAMPA BAY	1558H	OLD TAMPA BAY	COLIFORMS - SHELLFISH	EXCEEDS SEAS THRESHOLDS	MEDIUM	2008	LISTED DUE TO DOWNGRADE IN SHELLFISH HARVESTING CLASSIFICATION.
TAMPA BAY	1558H	OLD TAMPA BAY	MERCURY-FISH	LESS THAN CURRENT CRITERION (0.025 UG/L)	LOW	2011	AGE OF DATA VERIFIED TO BE WITHIN LAST 7.5 YEARS. NUMERIC CRITERION IS INADEQUATE BECAUSE MERCURY IS ACCUMULATING IN THE FOOD CHAIN SUCH THAT FISH TISSUE MERCURY LEVELS EXCEED RECOMMENDED LEVELS FOR CONSUMPTION.
TAMPA BAY	1558I	OLD TAMPA BAY	COLIFORMS - SHELLFISH	EXCEEDS SEAS THRESHOLDS	MEDIUM	2008	LISTED DUE TO DOWNGRADE IN SHELLFISH HARVESTING CLASSIFICATION.
TAMPA BAY	1558I	OLD TAMPA BAY	MERCURY-FISH	LESS THAN CURRENT CRITERION (0.025 UG/L)	LOW	2011	AGE OF DATA VERIFIED TO BE WITHIN LAST 7.5 YEARS. NUMERIC CRITERION IS INADEQUATE BECAUSE MERCURY IS ACCUMULATING IN THE FOOD CHAIN SUCH THAT FISH TISSUE MERCURY LEVELS EXCEED RECOMMENDED LEVELS FOR CONSUMPTION.
TAMPA BAY	1563	CHANNEL G	NUTRIENTS (CHL A)	TN = 1.13 MG/L	MEDIUM	2008	AS NOTED IN THE DEPARTMENT'S OCTOBER 1 SUBMITTAL TO EPA, THIS WATER SHOULD HAVE BEEN INCLUDED IN THE ORIGINAL ORDER ADOPTED BY THE SECRETARY BUT WAS INADVERTENTLY LEFT OFF THE LIST. NITROGEN IS LIMITING NUTRIENT.
TAMPA BAY	1563	CHANNEL G	DISSOLVED OXYGEN	< 4.0 MG/L, AND LESS THAN 5.0 MG/L AS DAILY AVERAGE	LOW	2008	LINKED TO NUTRIENTS.
TAMPA BAY	1569	BISHOP CREEK	COLIFORMS (FECAL COLIFORM)	> 800 PER 100 ML	LOW	2008	
TAMPA BAY	1569	BISHOP CREEK	COLIFORMS (TOTAL COLIFORM)	> 2400 PER ML	LOW	2008	
TAMPA BAY	1570A	SWEETWATER CREEK TIDAL - LOWER	DISSOLVED OXYGEN	< 4.0 MG/L, AND LESS THAN 5.0 MG/L AS DAILY AVERAGE	HIGH	2003	FOR THE 1998 303(D) ANALYSIS THE STATION DATA WERE INCORRECTLY ASSIGNED TO WBID 1601. LOW DO LINKED TO NUTRIENTS.
TAMPA BAY	1570A	SWEETWATER CREEK TIDAL - LOWER	COLIFORMS (FECAL COLIFORM)	> 800 PER 100 ML	HIGH	2003	FOR THE 1998 303(D) ANALYSIS THE STATION DATA WERE INCORRECTLY ASSIGNED TO WBID 1601.
TAMPA BAY	1570A	SWEETWATER CREEK TIDAL - LOWER	COLIFORMS (TOTAL COLIFORM)	> 2400 PER ML	HIGH	2003	FOR THE 1998 303(D) ANALYSIS THE STATION DATA WERE INCORRECTLY ASSIGNED TO WBID 1601.
TAMPA BAY	1570A	SWEETWATER CREEK TIDAL - LOWER	NUTRIENTS (CHLOROPHYLL)	MEDIAN TN = 1.21 MG/L	HIGH	2003	NITROGEN IS LIMITING NUTRIENT. FOR THE 1998 303(D) ANALYSIS THE STATION DATA WERE INCORRECTLY ASSIGNED TO WBID 1601.
TAMPA BAY	1570A	SWEETWATER CREEK TIDAL - LOWER	NUTRIENTS (HISTORIC CHLOROPHYLL)	MEDIAN TN = 1.21 MG/L	HIGH	2003	NITROGEN IS LIMITING NUTRIENT. FOR THE 1998 303(D) ANALYSIS THE STATION DATA WERE INCORRECTLY ASSIGNED TO WBID 1601.
TAMPA BAY	1574	ALLIGATOR CREEK	NUTRIENTS (CHL A)	TN = 1.03 MG/L TP = 0.14 MG/L	MEDIUM	2008	AS NOTED IN THE DEPARTMENT'S OCTOBER 1 SUBMITTAL TO EPA, THIS WATER SHOULD HAVE BEEN INCLUDED IN THE ORIGINAL ORDER ADOPTED BY THE SECRETARY BUT WAS INADVERTENTLY LEFT OFF THE LIST. NITROGEN AND PHOSPHORUS ARE LIMITING NUTRIENTS.

TAMPA BAY	1574A	ALLIGATOR LAKE	NUTRIENTS (HIST. CHL A)	TN = 0.67 MG/L TP = 0.14 MG/L	MEDIUM	2008	AS NOTED IN THE DEPARTMENT'S OCTOBER 1 SUBMITTAL TO EPA, THIS WATER SHOULD HAVE BEEN INCLUDED IN THE ORIGINAL ORDER ADOPTED BY THE SECRETARY BUT WAS INADVERTENTLY LEFT OFF THE LIST. NITROGEN AND PHOSPHORUS ARE LIMITING NUTRIENTS.
TAMPA BAY	1574A	ALLIGATOR LAKE	DISSOLVED OXYGEN	< 4.0 MG/L, AND LESS THAN 5.0 MG/L AS DAILY AVERAGE	LOW	2008	LINKED TO NUTRIENTS.
TAMPA BAY	1574A	ALLIGATOR LAKE	NUTRIENTS (CHLOROPHYLL)	MEDIAN TN = 0.67 MG/L; MEDIAN TP = 0.14 MG/L	LOW	2008	NITROGEN AND PHOSPHORUS ARE LIMITING NUTRIENTS.
TAMPA BAY	1575	MULLET CREEK	COLIFORMS (FECAL COLIFORM)	> 800 PER 100 ML	LOW	2008	
TAMPA BAY	1575	MULLET CREEK	COLIFORMS (TOTAL COLIFORM)	> 2400 PER ML	LOW	2008	
TAMPA BAY	1584B	MCKAY BAY	DISSOLVED OXYGEN	< 5.0 MG/L	HIGH	2003	LINKED TO NUTRIENTS.
TAMPA BAY	1584B	MCKAY BAY	NUTRIENTS (CHLOROPHYLL)	MEDIAN TN = 0.80 MG/L	HIGH	2003	NITROGEN IS LIMITING NUTRIENT.
TAMPA BAY	1584B	MCKAY BAY	NUTRIENTS (HISTORIC CHLOROPHYLL)	MEDIAN TN = 0.80 MG/L	HIGH	2003	NITROGEN IS LIMITING NUTRIENT.
TAMPA BAY	1584B	MCKAY BAY	MERCURY-FISH	LESS THAN CURRENT CRITERION (0.025 UG/L)	HIGH	2011	AGE OF DATA VERIFIED TO BE WITHIN LAST 7.5 YEARS. NUMERIC CRITERION IS INADEQUATE BECAUSE MERCURY IS ACCUMULATING IN THE FOOD CHAIN SUCH THAT FISH TISSUE MERCURY LEVELS EXCEED RECOMMENDED LEVELS FOR CONSUMPTION.
TAMPA BAY	1603C	BECKETT LAKE - OPEN WATER	NUTRIENTS (TSI)	MEDIAN TN = 0.87 MG/L; MEDIAN TP = 0.06 MG/L	MEDIUM	2008	NITROGEN AND PHOSPHORUS ARE LIMITING NUTRIENTS.
TAMPA BAY	1604	ALLEN CREEK	NUTRIENTS (CHLOROPHYLL)	MEDIAN TN = 1.05 MG/L			NITROGEN IS LIMITING NUTRIENT.
TAMPA BAY	1605	DELANEY CREEK	COLIFORMS (FECAL COLIFORM)	> 800 PER 100 ML	HIGH	2003	
TAMPA BAY	1605	DELANEY CREEK	COLIFORMS (TOTAL COLIFORM)	> 2400 PER ML	HIGH	2003	
TAMPA BAY	1605	DELANEY CREEK	DISSOLVED OXYGEN	< 5.0 MG/L	HIGH	2003	LINKED TO NUTRIENTS.
TAMPA BAY	1605	DELANEY CREEK	LEAD	> E(1.273[LNH]-4.705)	HIGH	2003	
TAMPA BAY	1605D	DELANEY CREEK TIDAL	LEAD	> 5.6 UG/L	MEDIUM	2008	
TAMPA BAY	1605D	DELANEY CREEK TIDAL	COLIFORMS (FECAL COLIFORM)	> 800 PER 100 ML	MEDIUM	2008	
TAMPA BAY	1605D	DELANEY CREEK TIDAL	COLIFORMS (TOTAL COLIFORM)	> 2400 PER ML	MEDIUM	2008	
TAMPA BAY	1605D	DELANEY CREEK TIDAL	DISSOLVED OXYGEN	< 4.0 MG/L, AND LESS THAN 5.0 MG/L AS DAILY AVERAGE	MEDIUM	2008	LINKED TO NUTRIENTS.
TAMPA BAY	1605D	DELANEY CREEK TIDAL	NUTRIENTS (CHLOROPHYLL)	MEDIAN TN = 2.33 MG/L	MEDIUM	2008	NITROGEN IS LIMITING NUTRIENT.
TAMPA BAY	1624	DIRECT RUNOFF TO BAY	COLIFORMS (FECAL COLIFORM)	> 800 PER 100 ML	HIGH	2003	
TAMPA BAY	1624	DIRECT RUNOFF TO BAY	COLIFORMS (TOTAL COLIFORM)	> 2400 PER ML	HIGH	2003	
TAMPA BAY	1624	DIRECT RUNOFF TO BAY	DISSOLVED OXYGEN	< 4.0 MG/L, AND LESS THAN 5.0 MG/L AS DAILY AVERAGE	HIGH	2003	LINKED TO NUTRIENTS.
TAMPA BAY	1625	CROSS CANAL (NORTH)	NUTRIENTS (CHL A)	TN = 1.06 MG/L	MEDIUM	2008	AS NOTED IN THE DEPARTMENT'S OCTOBER 1 SUBMITTAL TO EPA, THIS WATER SHOULD HAVE BEEN INCLUDED IN THE ORIGINAL ORDER ADOPTED BY THE SECRETARY BUT WAS INADVERTENTLY LEFT OFF THE LIST. NITROGEN IS LIMITING NUTRIENT.
TAMPA BAY	1625	CROSS CANAL (NORTH)	COLIFORMS (FECAL COLIFORM)	> 800 PER 100 ML	LOW	2008	

TAMPA BAY	1625	CROSS CANAL (NORTH)	DISSOLVED OXYGEN	< 4.0 MG/L, AND LESS THAN 5.0 MG/L AS DAILY AVERAGE	LOW	2008	LINKED TO NUTRIENTS.
TAMPA BAY	1627	LONG BRANCH	COLIFORMS (FECAL COLIFORM)	> 800 PER 100 ML	HIGH	2003	
TAMPA BAY	1627	LONG BRANCH	COLIFORMS (TOTAL COLIFORM)	> 2400 PER ML	HIGH	2003	
TAMPA BAY	1627	LONG BRANCH	DISSOLVED OXYGEN	< 5.0 MG/L	HIGH	2003	LINKED TO NUTRIENTS AND BOD.
TAMPA BAY	1637	BLACK POINT CHANNEL	DISSOLVED OXYGEN	< 4.0 MG/L, AND LESS THAN 5.0 MG/L AS DAILY AVERAGE	LOW	2008	THIS SEGMENT WAS LISTED ON THE 1998 303(D) LIST; HOWEVER, IT WAS NOT ASSESSED IN THE 1996 305(B) REPORT. LINKED TO NUTRIENTS.
TAMPA BAY	1666	BULLFROG CREEK	COLIFORMS (FECAL COLIFORM)	> 800 PER 100 ML	MEDIUM	2008	
TAMPA BAY	1666	BULLFROG CREEK	COLIFORMS (TOTAL COLIFORM)	> 2400 PER ML	MEDIUM	2008	
TAMPA BAY	1666A	BULLFROG CREEK	NUTRIENTS (CHL A)	TN = 1.28 MG/L	MEDIUM	2008	AS NOTED IN THE DEPARTMENT'S OCTOBER 1 SUBMITTAL TO EPA, THIS WATER SHOULD HAVE BEEN INCLUDED IN THE ORIGINAL ORDER ADOPTED BY THE SECRETARY BUT WAS INADVERTENTLY LEFT OFF THE LIST. NITROGEN IS LIMITING NUTRIENT.
TAMPA BAY	1666A	BULLFROG CREEK	COLIFORMS (TOTAL COLIFORM)	> 2400 PER ML	LOW	2008	
TAMPA BAY	1666A	BULLFROG CREEK	DISSOLVED OXYGEN	< 4.0 MG/L, AND LESS THAN 5.0 MG/L AS DAILY AVERAGE	LOW	2008	LINKED TO NUTRIENTS.
TAMPA BAY	1683	SMACKS BAYOU	NUTRIENTS (CHL A)	TN = 0.76 MG/L	MEDIUM	2008	AS NOTED IN THE DEPARTMENT'S OCTOBER 1 SUBMITTAL TO EPA, THIS WATER SHOULD HAVE BEEN INCLUDED IN THE ORIGINAL ORDER ADOPTED BY THE SECRETARY BUT WAS INADVERTENTLY LEFT OFF THE LIST. NITROGEN IS LIMITING NUTRIENT.
TAMPA BAY	1683	SMACKS BAYOU	COLIFORMS (FECAL COLIFORM)	> 800 PER 100 ML	LOW	2008	
TAMPA BAY	1700	COFFEEPOT BAYOU	NUTRIENTS (CHL A)	TN = 1.00 MG/L	MEDIUM	2008	AS NOTED IN THE DEPARTMENT'S OCTOBER 1 SUBMITTAL TO EPA, THIS WATER SHOULD HAVE BEEN INCLUDED IN THE ORIGINAL ORDER ADOPTED BY THE SECRETARY BUT WAS INADVERTENTLY LEFT OFF THE LIST. NITRGEN IS LIMITING NUTRIENT.
TAMPA BAY	1700	COFFEEPOT BAYOU	COLIFORMS (FECAL COLIFORM)	> 800 PER 100 ML	LOW	2008	
TAMPA BAY	1709D	LITTLE BAYOU - BASIN Q	COLIFORMS (FECAL COLIFORM)	> 800 PER 100 ML	MEDIUM	2008	
TAMPA BAY	1709D	LITTLE BAYOU - BASIN Q	DISSOLVED OXYGEN	< 4.0 MG/L, AND LESS THAN 5.0 MG/L AS DAILY AVERAGE	MEDIUM	2008	LINKED TO NUTRIENTS.
TAMPA BAY	1709D	LITTLE BAYOU - BASIN Q	NUTRIENTS (CHLOROPHYLL)	MEDIAN TN = 1.11 MG/L	MEDIUM	2008	NITROGEN IS LIMITING NUTRIENT.
TAMPA BAY	1778	COCKROACH BAY	MERCURY-FISH	LESS THAN CURRENT CRITERION (0.025 UG/L)	LOW	2011	HAS CONTAMINATED SEDIMENTS - ONGOING RESTORATION EFFORT. AGE OF DATA VERIFIED TO BE WITHIN LAST 7.5 YEARS. NUMERIC CRITERION IS INADEQUATE BECAUSE MERCURY IS ACCUMULATING IN THE FOOD CHAIN SUCH THAT FISH TISSUE MERCURY LEVELS EXCEED RECOMMENDED LEVELS FOR CONSUMPTION.
TAMPA BAY	1778	COCKROACH BAY	NUTRIENTS (CHL A)	TN = 1.16 MG/L	MEDIUM	2008	AS NOTED IN THE DEPARTMENT'S OCTOBER 1 SUBMITTAL TO EPA, THIS WATER SHOULD HAVE BEEN INCLUDED IN THE ORIGINAL ORDER ADOPTED BY THE SECRETARY BUT WAS INADVERTENTLY LEFT OFF THE LIST. NITROGEN IS LIMITING NUTRIENT.
TAMPA BAY	1778	COCKROACH BAY	DISSOLVED OXYGEN	< 4.0 MG/L, AND LESS THAN 5.0 MG/L AS DAILY AVERAGE	LOW	2008	LINKED TO NUTRIENTS AND BOD.
TAMPA BAY	1778	COCKROACH BAY	COLIFORMS - SHELLFISH	EXCEEDS SEAS THRESHOLDS			LISTED DUE TO DOWNGRADE IN SHELLFISH HARVESTING CLASSIFICATION.
TAMPA BAY	1797B	BISHOPS HARBOR	MERCURY-FISH	LESS THAN CURRENT CRITERION (0.025 UG/L)	LOW	2011	AGE OF DATA VERIFIED TO BE WITHIN LAST 7.5 YEARS. NUMERIC CRITERION IS INADEQUATE BECAUSE MERCURY IS ACCUMULATING IN THE FOOD CHAIN SUCH THAT FISH TISSUE MERCURY LEVELS EXCEED RECOMMENDED LEVELS FOR CONSUMPTION.
TAMPA BAY	1797B	BISHOPS HARBOR	COLIFORMS - SHELLFISH	EXCEEDS SEAS THRESHOLDS			LISTED DUE TO DOWNGRADE IN SHELLFISH HARVESTING CLASSIFICATION.

TAMPA BAY	8999	FLORIDA GULF COAST	MERCURY-FISH	LESS THAN CURRENT CRITERION (0.025 UG/L)	LOW	2011	CONFIRMED RECENT DATA FOR COASTAL FISH ADVISORY FOR MACKEREL. INCLUDES NEARSHORE AREAS IN 8049.

SUWANNEE RIVER BASIN

BASIN	WBID	WATER SEGMENT NAME	PARAMETERS IDENTIFIED USING THE IMPAIRED WATERS RULE	CONCENTRATIONS CAUSING IMPAIRMENT[2]	PRIORITY FOR TMDL DEVELOPMENT[3]	PROJECTED YEAR FOR TMDL DEVELOPMENT	COMMENTS
SUWANNEE RIVER	3422A	SUWANNEE RIVER (LOWER)	MERCURY-FISH	LESS THAN CURRENT CRITERION (0.012 MG/L)	LOW	2011	MERCURY CONCENTRATIONS FOR 1995, 1996, 1998, 1999, 2000, 2001, 2002 EXCEEDED 0.5 MG/KG. AGE OF DATA VERIFIED TO BE WITHIN LAST 7.5 YEARS. NUMERIC CRITERION IS INADEQUATE BECAUSE MERCURY IS ACCUMULATING IN THE FOOD CHAIN SUCH THAT FISH TISSUE MERCURY LEVELS EXCEED RECOMMENDED LEVLES FOR CONSUMPTION.
SUWANNEE RIVER	3422B	SUWANNEE RIVER (LOWER)	MERCURY-FISH	LESS THAN CURRENT CRITERION (0.012 MG/L)	LOW	2011	MERCURY CONCENTRATIONS FOR 1995-2002 EXCEEDED 0.5MG/KG. AGE OF DATA VERIFIED TO BE WITHIN LAST 7.5 YEARS. NUMERIC CRITERION IS INADEQUATE BECAUSE MERCURY IS ACCUMULATING IN THE FOOD CHAIN SUCH THAT FISH TISSUE MERCURY LEVELS EXCEED RECOMMENDED LEVELS FOR CONSUMPTION.
SUWANNEE RIVER	3422D	SUWANNEE ESTUARY	COLIFORMS (SHELLFISH)	EXCEEDS SEAS THRESHOLDS	MEDIUM	2007	LISTED DUE TO DOWNGRADE IN SHELLFISH HARVESTING CLASSIFICATION.
SUWANNEE RIVER	3473A	FENHOLLOWAY AT MOUTH	TOTAL COLIFORMS	>2400/100 ML	HIGH	2002	
SUWANNEE RIVER	3473A	FENHOLLOWAY AT MOUTH	DISSOLVED OXYGEN	<5.0 MG/L	HIGH	2002	WILL BE ADDRESSED BY BUCKEYE NPDES PERMIT, BUT CURRENTLY INSUFFICIENT CERTAINTY TO PROVIDE REASONABLE ASSURANCE GIVEN ONGOING DELIBERATIONS. LINKED TO BOD AND NITROGEN.
SUWANNEE RIVER	3473A	FENHOLLOWAY AT MOUTH	BOD	1995 MEDIAN VALUE =5.1 MG/L	HIGH	2002	IMPAIRMENT LINKED TO DISSOLVED OXYGEN
SUWANNEE RIVER	3473B	FENHOLLOWAY BL PULP	DISSOLVED OXYGEN	<5.0 MG/L	MEDIUM	2002	GIVEN ONGOING DELIBERATIONS, CURRENTLY INSUFFICIENT CERTAINTY TO PROVIDE REASONABLE ASSURANCE. LINKED TO BOD AND NITROGEN.
SUWANNEE RIVER	3473B	FENHOLLOWAY BL PULP	UN-IONIZED NH3	>0.02 MG/L	MEDIUM	2002	GIVEN ONGOING DELIBERATIONS, CURRENTLY INSUFFICIENT CERTAINTY TO PROVIDE REASONABLE ASSURANCE.
SUWANNEE RIVER	3473B	FENHOLLOWAY BL PULP	BOD	1995 MEDIAN VALUE =11.2 MG/L	MEDIUM	2002	LINKED TO DISSOLVED OXYGEN
SUWANNEE RIVER	3473B	FENHOLLOWAY BL PULP	CONDUCTIVITY	>1275 µMHOS/CM	MEDIUM	2007	BACKGROUND BASED ON ECONFINA DATA
SUWANNEE RIVER	3516	ALLIGATOR LAKE OUTLET	NUTRIENTS (TSI)	MEDIAN TP VALUE FOR 1998 = 2.02MG/L	LOW MEDIUM	2007	LINKED TO NUTRIENTS AND BOD. NITROGEN LIMITED.
SUWANNEE RIVER	3516	ALLIGATOR LAKE OUTLET	DISSOLVED OXYGEN	<5.0 MG/L	MEDIUM	2007	LINKED TO NUTRIENTS. NITROGEN LIMITED
SUWANNEE RIVER	3516A	ALLIGATOR LAKE	NUTRIENTS (TSI)	MEDIAN TP VALUE FOR 1996 = 2.45MG/L; MEDIAN TN VALUE FOR 1996 = 1.61 MG/L	LOW MEDIUM	2007	LINKED TO NUTRIENTS AND BOD. NITROGEN LIMITED.
SUWANNEE RIVER	3516A	ALLIGATOR LAKE	DISSOLVED OXYGEN	<5.0 MG/L	MEDIUM	2007	LINKED TO NUTRIENTS. NITROGEN LIMITED
SUWANNEE RIVER	3520	CANNON CREEK	FECAL COLIFORMS	>800/100 ML	MEDIUM	2007	
SUWANNEE RIVER	3605A	SANTA FE RIVER	NUTRIENTS (ALGAL MATS AND HISTORICAL CHLOROPHYLL)	MEDIAN TP VALUE FOR 1998 = 0.086G/L; MEDIAN TN VALUE FOR 1998 = 0.995 MG/L	MEDIUM	2007	TN IS LIMITING NUTRIENT.
SUWANNEE RIVER	3605C	SANTA FE RIVER	DISSOLVED OXYGEN	<5.0 MG/L	MEDIUM	2007	LINKED TO NUTRIENTS
SUWANNEE RIVER	3626	PARENERS BRANCH	FECAL COLIFORMS	>800/100 ML	MEDIUM	2007	
SUWANNEE RIVER	3699	WACCASASSA RIVER	TOTAL COLIFORMS	>2400/100 ML	MEDIUM	2007	
SUWANNEE RIVER	3729	BLACK POINT SWAMP (ESTUARY)	NUTRIENTS (CHLOROPHYLL)	MEDIAN TP VALUE 1995-2001 = 0.900MG/L; MEDIAN TN VALUE 1995-2001 = 1.050 MG/L	MEDIUM	2007	NITROGEN LIMITATION, WITH SOME CO-LIMITATION.
SUWANNEE RIVER	8032A	DEKLE BEACH	COLIFORMS (BEACH ADVISORY)	GREATER THAN DOH THRESHOLDS	MEDIUM	2007	HAS ADVISORIES FOR MORE THAN 21 DAYS IN 2001. VERIFICATION PENDING REVIEW OF DOH DATA.
SUWANNEE RIVER	8032B	KEATON BEACH	COLIFORMS (BEACH ADVISORY)	GREATER THAN DOH THRESHOLDS	MEDIUM	2007	HAS ADVISORIES FOR MORE THAN 21 DAYS IN 2001. VERIFICATION PENDING REVIEW OF DOH DATA.

SUWANNEE RIVER	8032C	CEDAR BEACH	COLIFORMS (BEACH ADVISORY)	GREATER THAN DOH THRESHOLDS	MEDIUM	2007	HAS ADVISORIES FOR MORE THAN 21 DAYS IN 2001. VERIFICATION PENDING REVIEW OF DOH DATA.
SUWANNEE RIVER	8035	SUWANNEE GULF 7	COLIFORMS (SHELLFISH)	EXCEEDS SEAS THRESHOLDS	MEDIUM	2007	LISTED BASED ON CHANGE IN SHELLFISH HARVESTING CLASSIFICATION (DOWNGRADED FROM APPROVED TO CONDITIONAL).
SUWANNEE RIVER	8037	WACCASASSA RIVER GULF 1	COLIFORMS (SHELLFISH)	EXCEEDS SEAS THRESHOLDS	MEDIUM	2007	LISTED BASED ON CHANGE IN SHELLFISH HARVESTING CLASSIFICATION (DOWNGRADED FROM APPROVED TO CONDITIONAL).
SUWANNEE RIVER	8038	WACCASASSA RIVER GULF 2	COLIFORMS (SHELLFISH)	EXCEEDS SEAS THRESHOLDS	MEDIUM	2007	LISTED BASED ON CHANGE IN SHELLFISH HARVESTING CLASSIFICATION (DOWNGRADED FROM APPROVED TO CONDITIONAL).
SUWANNEE RIVER	8999	FLORIDA GULF COAST	MERCURY-FISH	LESS THAN CURRENT CRITERION (0.025 MG/L)	LOW	2011	CONFIRMED RECENT DATA FOR COASTAL FISH ADVISORY FOR MACKEREL. INCLUDES NEARSHORE AREAS IN WBID'S 3422D, 8029, 8030, 8031, 8032, 8033, 8034, 8035, 8037, AND 8038 SERIES.

OCKLAWAHA RIVER BASIN

BASIN	WBID	WATER SEGMENT NAME	PARAMETERS IDENTIFIED USING THE IMPAIRED WATERS RULE	CONCENTRATIONS CAUSING IMPAIRMENT[2]	PRIORITY FOR TMDL DEVELOPMENT[3]	PROJECTED YEAR FOR TMDL DEVELOPMENT	COMMENTS
OCKLAWAHA	2688	HATCHET CREEK	IRON	> 1.0 MG/L	MEDIUM	2002	
OCKLAWAHA	2688	HATCHET CREEK	TOTAL COLIFORMS	> 2400 PER 100 ML	MEDIUM	2002	
OCKLAWAHA	2695	LITTLE HATCHET CREEK	DISSOLVED OXYGEN	< 5.0 MG/L	MEDIUM	2007	FLOWS FROM GUM ROOT SWAMP. ELEVATED NUTRIENTS BELIEVED TO CONTRIBUTE.
OCKLAWAHA	2698	HOGTOWN CREEK	FECAL COLIFORMS	> 800 PER 100 ML	MEDIUM	2007	ON 1998 LIST, WAS LISTED FOR "COLIFORMS". INSUFFICIENT DATA TO ASSESS TOTAL COLIFORMS.
OCKLAWAHA	2698	HOGTOWN CREEK	DISSOLVED OXYGEN	< 5.0 MG/L	MEDIUM	2007	LINKED TO NUTRIENTS. ELEVATED NUTRIENTS BELIEVED TO CONTRIBUTE.
OCKLAWAHA	2705	NEWNANS LAKE OUTLET	NUTRIENTS (TSI)	MEDIAN TN = 3.37 MG/L; MEDIAN TP = 0.12 MG/L	MEDIUM	2007	BOTH N AND P ARE FACTORS.
OCKLAWAHA	2705B	NEWNANS LAKE	NUTRIENTS (TSI)	MEDIAN TN = 3.96 MG/L; MEDIAN TP = 0.13 MG/L	HIGH	2002	PREVIOUSLY LISTED AS WBID 2705. PHOSPHORUS LIMITING WITH SOME COLIMITATION OF N AND P.
OCKLAWAHA	2711	SWEETWATER BRANCH	FECAL COLIFORMS	> 800 PER 100 ML	MEDIUM	2002	
OCKLAWAHA	2713B	REDWATER LAKE	NUTRIENTS (TSI)	MEDIAN TN = 0.69 MG/L; MEDIAN TP = 0.01 MG/L	MEDIUM	2007	NITROGEN LIMITING WITH SOME COLIMITATION OF N AND P.
OCKLAWAHA	2718A	TUMBLING CREEK	FECAL COLIFORMS	> 800 PER 100 ML	MEDIUM	2002	
OCKLAWAHA	2718A	TUMBLING CREEK	TOTAL COLIFORMS	> 2400 PER 100 ML	MEDIUM	2007 (2002)	
OCKLAWAHA	2718C	BEVENS CREEK	NUTRIENTS (CHL A)	TN = 1.68 MG/L TP = 0.13 MG/L	MEDIUM	2007	AS NOTED IN THE DEPARTMENT'S OCTOBER 1 SUBMITTAL TO EPA, THIS WATER SHOULD HAVE BEEN INCLUDED IN THE ORIGINAL ORDER ADOPTED BY THE SECRETARY. FOLLOWING ADOPTION OF THE ORIGINAL ORDER HOWEVER, NITROGEN AND PHOSPHORUS WERE DETERMINED TO BE COLIMITING NUTRI
OCKLAWAHA	2720A	ALACHUA SINK LAKE	NUTRIENTS (TSI)	MEDIAN TN = 3.88 MG/L; MEDIAN TP = 1.26 MG/L	HIGH	2002	PREVIOUSLY LISTED AS WBID 2720. NITROGEN LIMITED.
OCKLAWAHA	2738	LOCHLOOSA LAKE	NUTRIENTS (TSI)	MEDIAN TN = 2.15 MG/L; MEDIAN TP = 0.06 MG/L	HIGH	2002	PHOSPHORUS LIMITING WITH SOME COLIMITATION OF N AND P.
OCKLAWAHA	2740C	OCKLAWAHA RIV AB LK OK	NUTRIENTS (CHLA)	MEDIAN TN = 1.21 MG/L; MEDIAN TP = 0.04 MG/L	HIGH	2002	PHOSPHORUS LIMITING WITH SOME COLIMATION OF N AND P.
OCKLAWAHA	2740C	OCKLAWAHA RIV AB LK OK	DISSOLVED OXYGEN	< 5.0 MG/L	HIGH	2002	BELIEVED RELATED TO ELEVATED NUTRIENTS.
OCKLAWAHA	2740D	OCKLAWAHA RIV AB DAISY	NUTRIENTS (CHLA)	MEDIAN TN = 3.06 MG/L; MEDIAN TP = 0.12 MG/L	MEDIUM	2002	PHOSPHORUS LIMITING.
OCKLAWAHA	2740D	OCKLAWAHA RIV AB DAISY	DISSOLVED OXYGEN	< 5.0 MG/L	MEDIUM	2002	LINKED TO NUTRIENTS. ELEVATED BOD AND NUTRIENTS BELIEVED TO CONTRIBUTE.
OCKLAWAHA	2740D	OCKLAWAHA RIV AB DAISY	IRON	> 1.0 MG/L	MEDIUM	2007	
OCKLAWAHA	2740D	OCKLAWAHA RIV AB DAISY	TOTAL COLIFORMS	> 2400 PER 100 ML	MEDIUM	2002	
OCKLAWAHA	2740F	OCKLAWAHA R/SUNNYHILL	DISSOLVED OXYGEN	> 5.0 MG/L	HIGH	2002	RELATED TO NUTRIENTS BASED ON ELEVATED NUTRIENT LEVELS.
OCKLAWAHA	2741	WAUBERG LAKE OUTLET	NUTRIENTS (TSI)	MEDIAN TN = 1.51 MG/L; MEDIAN TP = 0.10 MG/L	HIGH	2002	COLIMITATION OF N AND P.
OCKLAWAHA	2749	ORANGE LAKE REACH	NUTRIENTS (TSI)	MEDIAN TN = 1.47 MG/L; MEDIAN TP = 0.04 MG/L	MEDIUM	2002	PHOSPHORUS LIMITING WITH SOME COLIMATION OF N AND P.
OCKLAWAHA	2754	CROSS CREEK	DISSOLVED OXYGEN	< 5.0 MG/L	MEDIUM	2007	BASED ON RECENT ORANGE CREEK PARTNERSHIP DATA. LINKED TO NUTRIENTS (N AND P) AND ELEVATED BOD.
OCKLAWAHA	2754	CROSS CREEK	NUTRIENTS	MEDIAN TN = 1.62 MG/L; MEDIAN TP = 0.065 MG/L	MEDIUM	2007	BASED ON RECENT ORANGE CREEK PARTNERSHIP DATA CO-LIMITING.
OCKLAWAHA	2782	LAKE BRYANT	NUTRIENTS (TSI)	MEDIAN TN = 1.01 MG/L; MEDIAN TP = 0.02 MG/L	MEDIUM	2007	PHOSPHORUS LIMITING.

OCKLAWAHA	2790	LAKE WEIR OUTLET	NUTRIENT (TSI)	MEDIAN TN = 0.87 MG/L; MEDIAN TP = 0.010 MG/L	MEDIUM	2007	PHOSPHORUS LIMITED.
OCKLAWAHA	2790A	LAKE WEIR	NUTRIENTS (TSI)	MEDIAN TN = 0.75 MG/L; MEDIAN TP = 0.010 MG/L	MEDIUM	2007	PHOSPHORUS LIMITED.
OCKLAWAHA	2807	LAKE YALE CANAL	NUTRIENTS (TSI)	MEDIAN TN = 1.57 MG/L; MEDIAN TP = 0.02 MG/L	MEDIUM	2007	PHOSPHORUS LIMITING. COMBINED PREVIOUS LISTING FOR TSI WITH CHLA
OCKLAWAHA	2807A	LAKE YALE	NUTRIENTS (TSI)	MEDIAN TN = 1.56 MG/L; MEDIAN TP = 0.02 MG/L	MEDIUM	2007	PHOSPHORUS LIMITING.
OCKLAWAHA	2814A	LAKE GRIFFIN	NUTRIENTS (TSI)	MEDIAN TN = 3.88 MG/L; MEDIAN TP = 0.09 MG/L	HIGH	2003	PREVIOUSLY LISTED AS WBID 2814. PHOSPHORUS LIMITING.
OCKLAWAHA	2814A	LAKE GRIFFIN	UN-IONIZED NH3	> 0.02 MG/.	HIGH	2003	
OCKLAWAHA	2817A	HAYNES CREEK REACH	NUTRIENTS (CHLA)	MEDIAN TN = 2.58 MG/L; MEDIAN TP = 0.06 MG/L	MEDIUM	2002	WILL BE PART OF PLRG FOR LAKE GRIFFIN. PHOSPHORUS LIMITED.
OCKLAWAHA	2817A	HAYNES CREEK REACH	DISSOLVED OXYGEN	> 5.0 MG/L	MEDIUM	2002	LINKED TO NUTRIENTS. BELIEVED RELATED TO ELEVATED NUTRIENTS AND BOD.
OCKLAWAHA	2817B	LAKE EUSTIS	NUTRIENTS (TSI)	MEDIAN TN = 2.30 MG/L; MEDIAN TP = 0.04 MG/L	HIGH	2002	PHOSPHORUS LIMITING.
OCKLAWAHA	2817B	LAKE EUSTIS	UN-IONIZED NH3	> 0.02 MG/.	HIGH	2002	
OCKLAWAHA	2817C	DEAD RIVER	NUTRIENTS (CHL A)	TP = 0.04 MG/L.	MEDIUM	2007	AS NOTED IN THE DEPARTMENT'S OCTOBER 1 SUBMITTAL TO EPA, THIS WATER SHOULD HAVE BEEN INCLUDED IN THE ORIGINAL ORDER ADOPTED BY THE SECRETARY. FOLLOWING ADOPTION OF THE ORIGINAL ORDER, PHOSPHORUS WAS DETERMINED TO BE THE LIMITING NUTRIENT.
OCKLAWAHA	2819A	TROUT LAKE	NUTRIENTS (TSI)	MEDIAN TN = 1.65 MG/L; MEDIAN TP = 0.17 MG/L	HIGH	2002	NITROGEN LIMITING AND SOME COLIMITATION OF N AND P. DATA PREVIOUSLY ASSOCIATED WITH WBID 2819 IS INCLUDED IN THIS WBID.
OCKLAWAHA	2829	LAKE LORRAINE	NUTRIENTS (TSI)	MEDIAN TN = 1.83 MG/L; MEDIAN TP = 0.03 MG/L	MEDIUM	2007	PHOSPHORUS LIMITED.
OCKLAWAHA	2831A	DORA CANAL (EXTENSION DITCH)	DISSOLVED OXYGEN	< 5.0 MG/L	MEDIUM	2007	AS NOTED IN THE DEPARTMENT'S OCTOBER 1 SUBMITTAL TO EPA, THIS WATER SHOULD HAVE BEEN INCLUDED IN THE ORIGINAL ORDER ADOPTED BY THE SECRETARY. FOLLOWING ADOPTION OF THE ORIGINAL ORDER, NITROGEN WAS DETERMINED TO BE THE CAUSATIVE POLLUTANT. TN MEDIAN = 4.54 mg/L.
OCKLAWAHA	2831A	DORA CANAL	NUTRIENTS (CHLA)	MEDIAN TN = 4.54 MG/L; MEDIAN TP = 0.07 MG/L	MEDIUM	2002	SUFFICIENT DATA, VERY HIGH CHL A READINGS. PHOSPHORUS LIMITING.
OCKLAWAHA	2831B	LAKE DORA	NUTRIENTS (TSI)	MEDIAN TN = 3.72 MG/L; MEDIAN TP = 0.08 MG/L	MEDIUM	2002	PHOSPHORUS LIMITING. DATA PREVIOUSLY ASSOCIATED WITH WBID 2831 IS INCLUDED IN THIS WBID.
OCKLAWAHA	2831B	LAKE DORA	UN-IONIZED NH3	> 0.02 MG/.	MEDIUM	2002	DATA PREVIOUSLY ASSOCIATED WITH WBID 2831 IS INCLUDED IN THIS WBID.
OCKLAWAHA	2832	HELENA RUN	NUTRIENTS (CHL A)	TN = 2.15 MG/L TP = 0.09 MG/L	MEDIUM	2007	AS NOTED IN THE DEPARTMENT'S OCTOBER 1 SUBMITTAL TO EPA, THIS WATER SHOULD HAVE BEEN INCLUDED IN THE ORIGINAL ORDER ADOPTED BY THE SECRETARY. FOLLOWING ADOPTION OF THE ORIGINAL ORDER, PHOSPHORUS WAS DETERMINED TO BE MAIN LIMITING NUTRIENT WITH SOME COLIMITATION BY NITROGEN AND PHOSPHORUS.
OCKLAWAHA	2832A	LAKE DENHAM	NUTRIENTS (TSI)	MEDIAN TN = 3.59 MG/L; MEDIAN TP = 0.10 MG/L	MEDIUM	2007	PHOSPHORUS LIMITING.
OCKLAWAHA	2834C	LAKE BEAUCLAIR	NUTRIENTS (TSI)	MEDIAN TN = 4.00 MG/L; MEDIAN TP = 0.15 MG/L	HIGH	2003	PHOSPHORUS LIMITING WITH SOME COLIMITATION OF N AND P. DATA PREVIOUSLY ASSOCIATED WITH WBID 2834B IS INCLUDED IN THIS WBID.
OCKLAWAHA	2835A	LAKE APOPKA OUTLET	NUTRIENTS (CHLA)	MEDIAN TN = 2.28 MG/L; MEDIAN TP = 0.20 MG/L	HIGH	2002	NITROGEN LIMITING AND SOME COLIMITATION OF N AND P.
OCKLAWAHA	2835A	LAKE APOPKA OUTLET	DISSOLVED OXYGEN	< 5.0 MG/L	HIGH	2002	LINKED TO NUTRIENTS. ELEVATED BOD AND NUTRIENTS BELIEVED TO CONTRIBUTE.
OCKLAWAHA	2835B	LAKE APOPKA	NUTRIENTS (TSI)	MEDIAN TN = 3.82 MG/L; MEDIAN TP = 0.12 MG/L	HIGH	2002	TMDL WILL BE BASED ON PLRG FOR PHOSPHORUS DEVELOPED BY ST. JOHNS RIVER WMD.
OCKLAWAHA	2835B	LAKE APOPKA	PEST-FISH	EXCEEDS DOH THRESHOLDS	LOW	2011	ADVISORY ISSUED IN 1999 FOR BROWN BULLHEAD CATFISH BASED ON SAMPLES COLLECTED IN MARCH, 1999. ADVISORY BASED ON SEVERAL PESTICIDES.

OCKLAWAHA	2835C	GOURD NECK SPRING	NUTRIENTS (CHL A)	TP = 0.03 MG/L.	MEDIUM	2007	AS NOTED IN THE DEPARTMENT'S OCTOBER 1 SUBMITTAL TO EPA, THIS WATER SHOULD HAVE BEEN INCLUDED IN THE ORIGINAL ORDER ADOPTED BY THE SECRETARY, BUT WAS INADVERTENTLY LEFT OFF THE LIST. PHOSPHORUS LIMITED. TMDL WILL BE BASED ON PLRG FOR PHOSPHORUS DEVELOPED BY THE ST. JOHNS RIVER WMD.
OCKLAWAHA	2837	LAKE CARLTON OUTLET	NUTRIENTS (TSI)	MEDIAN TN = 3.43 MG/L; MEDIAN TP = 0.07 MG/L	HIGH	2002	PHOSPHORUS LIMITING.
OCKLAWAHA	2838A	LAKE HARRIS	NUTRIENTS (TSI)	MEDIAN TN = 1.88 MG/L; MEDIAN TP = 0.03 MG/L	MEDIUM	2002	PLRG UNDER DEVELOPMENT. PHOSPHORUS LIMITED.
OCKLAWAHA	2838B	LITTLE LAKE HARRIS	NUTRIENTS (TSI)	MEDIAN TN = 1.98 MG/L; MEDIAN TP = 0.04 MG/L	HIGH	2002	PHOSPHORUS LIMITED.
OCKLAWAHA	2839	PALATKALAHA RIVER	DISSOLVED OXYGEN	< 5.0 MG/L	MEDIUM	2002	BELIEVED RELATED TO ELEVATED NUTRIENTS.
OCKLAWAHA	2839	PALATKALAHA RIVER	NUTRIENTS (CHLA)	MEDIAN TN = 0.81 MG/L; MEDIAN TP = 0.03 MG/L	MEDIUM	2002	PRIMARILY PHOSPHORUS LIMITED WITH SOME COLIMITATION OF N AND P.

LAKE OKEECHOBEE BASIN

BASIN	WBID	WATER SEGMENT NAME	PARAMETERS IDENTIFIED USING THE IMPAIRED WATERS RULE	CONCENTRATIONS CAUSING IMPAIRMENT[2]	PRIORITY FOR TMDL DEVELOPMENT[3]	PROJECTED YEAR FOR TMDL DEVELOPMENT	COMMENTS
LAKE OKEECHOBEE	3199B	CHANDLER HAMMOCK SLOUGH	NUTRIENTS (CHLOROPHYLL)	TN = 2.51 MG/L TP = 0.72 MG/L	HIGH	2002	FDEP COLLECTED ADDITIONAL DATA IN 2001. STILL INSUFFICIENT CHLOROPHYLL DATA AVAILABLE FOR CALCULATION OF AN ANNUAL MEAN, HOWEVER AVAILABLE CHLOROPHYLL DATA AND OTHER INFORMATION SUBSTANTIATE AN IMBALANCE IN FLORA OR FAUNA, PER 62-303.350(1) AND 62-303.450(2), FAC. BOTH TN AND TP ELEVATED.
LAKE OKEECHOBEE	3203A	NUBBIN SLOUGH	DO	< 5.0 MG/L	LOW	2007	DO MET VERIFICATION THRESHOLD PER IWR. NITROGEN AND PHOSPHORUS ARE THE CAUSATIVE POLLUTANTS.
LAKE OKEECHOBEE	3203A	NUBBIN SLOUGH	NUTRIENTS (CHLOROPHYLL)	TN = 1.65 MG/L TP = 0.49 MG/L	HIGH	2002	[illegible] HOWEVER WATER LEVELS WERE NEGLIGIBLE PROHIBITING SAMPLE COLLECTION. INSUFFICIENT CHLOROPHYLL DATA AVAILABLE FOR CALCULATION OF AN ANNUAL MEAN, HOWEVER AVAILABLE CHLOROPHYLL DATA AND OTHER INFORMATION SUBSTANTIATE AN IMBALANCE IN FLORA OR FAUNA, PER 62-303.350(1) AND 62-303.450(2), FAC. BOTH TN AND TP ELEVATED.
LAKE OKEECHOBEE	3203B	MOSQUITO CREEK	NUTRIENTS (CHLOROPHYLL)	TN = 2.12 MG/L TP = 0.56 MG/L	HIGH	2002	FDEP COLLECTED ADDITIONAL DATA IN 2002. STILL INSUFFICIENT CHLOROPHYLL DATA AVAILABLE FOR CALCULATION OF AN ANNUAL MEAN, HOWEVER AVAILABLE CHLOROPHYLL DATA AND OTHER INFORMATION SUBSTANTIATE AN IMBALANCE IN FLORA OR FAUNA, PER 62-303.350(1) AND 62-303.450(2), FAC. BOTH TN AND TP ELEVATED.
LAKE OKEECHOBEE	3205	TAYLOR CREEK	NUTRIENTS (CHLOROPHYLL)	TN = 2.56 MG/L TP = 0.38 MG/L	HIGH	2002	INSUFFICIENT CHLOROPHYLL DATA AVAILABLE FOR CALCULATION OF AN ANNUAL MEAN, HOWEVER AVAILABLE CHLOROPHYLL DATA AND OTHER INFORMATION SUBSTANTIATE AN IMBALANCE IN FLORA OR FAUNA, PER 62-303.350(1) AND 62-303.450(2), FAC. BOTH TN AND TP ELEVATED.
LAKE OKEECHOBEE	3205D	OTTER CREEK	DO	< 5.0 MG/L	HIGH	2002	DO MET VERIFICATION THRESHOLD PER IWR. NITROGEN AND PHOSPHORUS ARE THE CAUSATIVE POLLUTANTS.
LAKE OKEECHOBEE	3205D	OTTER CREEK	NUTRIENTS (CHLOROPHYLL)	TN = 2.27 MG/L TP = 0.55 MG/L	HIGH	2002	FDEP COLLECTED ADDITIONAL DATA IN 2001, .STILL INSUFFICIENT CHLOROPHYLL DATA AVAILABLE FOR CALCULATION OF AN ANNUAL MEAN, HOWEVER AVAILABLE CHLOROPHYLL DATA AND OTHER INFORMATION SUBSTANTIATE AN IMBALANCE IN FLORA OR FAUNA, PER 62-303.350(1) AND 62-303.450(2), FAC. BOTH TN AND TP ELEVATED.
LAKE OKEECHOBEE	3213A	LETTUCE CREEK	NUTRIENTS (CHLOROPHYLL)	TN = 1.99 MG/L TP = 0.22 MG/L	HIGH	2002	FDEP COLLECTED ADDITIONAL DATA IN 2001 AND 2002. STILL INSUFFICIENT CHLOROPHYLL DATA AVAILABLE FOR CALCULATION OF AN ANNUAL MEAN, HOWEVER AVAILABLE CHLOROPHYLL DATA AND OTHER INFORMATION SUBSTANTIATE AN IMBALANCE IN FLORA OR FAUNA, PER 62-303.350(1) AND 62-303.450(2), FAC. BOTH TN AND TP ELEVATED.
LAKE OKEECHOBEE	3213B	HENRY CREEK	NUTRIENTS (CHLOROPHYLL)	TN = 1.74 MG/L TP = 0.10 MG/L	HIGH	2002	STATION WITH MAJORITY OF AVAILABLE DATA HAD BEEN PREVIOUSLY ASSIGNED TO THIS UNIT IN ERROR. FDEP COLLECTED ADDITIONAL DATA IN 2001. STILL INSUFFICIENT CHLOROPHYLL DATA AVAILABLE FOR CALCULATION OF AN ANNUAL MEAN, HOWEVER AVAILABLE CHLOROPHYLL DATA AND OTHER INFORMATION SUBSTANTIATE AN IMBALANCE IN FLORA OR FAUNA, PER 62-303.350(1) AND 62-303.450(2), FAC. BOTH TN AND TP ELEVATED.
LAKE OKEECHOBEE	3213C	S-135	DO	< 5.0 MG/L	HIGH	2002	DO MET VERIFICATION THRESHOLD PER IWR. NITROGEN IS THE CAUSATIVE POLLUTANT.
LAKE OKEECHOBEE	3213C	S-135	NUTRIENTS (CHLOROPHYLL)	TN = 1.72 MG/L TP = 0.1 MG/L	HIGH	2002	FDEP COLLECTED ADDITIONAL DATA IN 2001. STILL INSUFFICIENT CHLOROPHYLL DATA AVAILABLE FOR CALCULATION OF AN ANNUAL MEAN, HOWEVER AVAILABLE CHLOROPHYLL DATA AND OTHER INFORMATION SUBSTANTIATE AN IMBALANCE IN FLORA OR FAUNA, PER 62-303.350(1) AND 62-303.450(2), FAC. TN ELEVATED.

LAKE OKEECHOBEE	3213D	MYRTLE SLOUGH	NUTRIENTS (CHLOROPHYLL)	TN = 1.91 MG/L TP = 0.44 MG/L	HIGH	2002	FDEP COLLECTED ADDITIONAL DATA IN 2002. STILL INSUFFICIENT CHLOROPHYLL DATA AVAILABLE FOR CALCULATION OF AN ANNUAL MEAN, HOWEVER AVAILABLE CHLOROPHYLL DATA AND OTHER INFORMATION SUBSTANTIATE AN IMBALANCE IN FLORA OR FAUNA, PER 62-303.350(1) AND 62-303.450(2), FAC.

EVERGLADES WEST COAST BASIN

BASIN	WBID	WATER SEGMENT NAME	PARAMETERS IDENTIFIED USING THE IMPAIRED WATERS RULE	CONCENTRATIONS CAUSING IMPAIRMENT[2]	PRIORITY FOR TMDL DEVELOPMENT[3]	PROJECTED YEAR FOR TMDL DEVELOPMENT	COMMENTS
EVERGLADES WEST COAST	3258B	HENDRY CREEK	DO	< 4.0 MG/L MINIMUM, AND 5.0 AS DAILY AVERAGE	LOW	2007	DO MET VERIFICATION THRESHOLD PER IWR. BOD IS THE CAUSATIVE POLLUTANT.
EVERGLADES WEST COAST	3258B	HENDRY CREEK (FRESH)	NUTRIENTS (CHL A)	TN = 0.825 MG/L TP = 0.06 MG/L	MEDIUM	2007	THIS WBID IS BEING ADDED AS A RESULT OF DISCUSSIONS WITH THE RESPONSIBLE GROWTH MANAGEMENT COALITION (RGMC), WHO FILED A PETITION CHALLENGING THE AUGUST 28, 2002, SECRETARIAL ORDER ADOPTING THE INITIAL GROUP 1 LIST. THIS TIDAL TRIBUTARY WAS DIVIDED INTO A FRESHWATER SECTION (THIS WBID) AND A MARINE SECTION (WBID 3258B1), AND THE RE-ASSESSMENT INDICATES THAT CHOLORPHYLL MET THE VERIFICATION THRESHOLD PER THE IWR INDICATING A NUTRIENT IMPAIRMENT. BOTH NITROGEN AND PHOSPHORUS ARE IDENTIFIED AS CAUSATIVE POLLUTANTS.
EVERGLADES WEST COAST	3258B1	HENDRY CREEK MARINE	NUTRIENTS (CHL A)	TN = 0.82 MG/L TP = 0.07 MG/L	MEDIUM	2007	THIS WBID IS BEING ADDED AS A RESULT OF DISCUSSIONS WITH THE RGMC, WHO FILED A PETITION CHALLENGING THE AUGUST 28, 2002, SECRETARIAL ORDER ADOPTING THE INITIAL GROUP 1 LIST. THIS TIDAL TRIBUTARY WAS DIVIDED INTO A FRESHWATER SECTION (WBID 3258B) AND THIS MARINE SECTION, AND THE RE-ASSESSMENT INDICATES THAT CHOLORPHYLL MET THE VERIFICATION THRESHOLD PER THE IWR INDICATING A NUTRIENT IMPAIRMENT. BOTH NITROGEN AND PHOSPHORUS ARE IDENTIFIED AS CAUSATIVE POLLUTANTS.
EVERGLADES WEST COAST	3258B1	HENDRY CREEK MARINE	DO	< 5.0 MG/L	MEDIUM	2007	THIS WBID IS BEING ADDED AS A RESULT OF DISCUSSIONS WITH THE RGMC, WHO FILED A PETITION CHALLENGING THE AUGUST 28, 2002, SECRETARIAL ORDER ADOPTING THE INITIAL GROUP 1 LIST. THIS TIDAL TRIBUTARY WAS DIVIDED INTO A FRESHWATER SECTION (WBID 3258B) AND THIS MARINE SECTION, AND THE RE-ASSESSMENT INDICATES THAT DO MET THE VERIFICATION THRESHOLD PER THE IWR. NUTRIENTS ARE INDICATED AS CAUSATIVE POLLUTANTS.
EVERGLADES WEST COAST	3258B1	HENDRY CREEK MARINE	FECAL COLIFORMS	> 800 PER 100 ML	MEDIUM	2007	THIS WBID IS BEING ADDED AS A RESULT OF DISCUSSIONS WITH THE RGMC, WHO FILED A PETITION CHALLENGING THE AUGUST 28, 2002, SECRETARIAL ORDER ADOPTING THE INITIAL GROUP 1 LIST. THIS TIDAL TRIBUTARY WAS DIVIDED INTO A FRESHWATER SECTION (WBID 3258B) AND THISAND THE RE-ASSESSMENT INDICATES THAT FECAL COLIFORM SAMPLES ARE ABOVE THE LISTING THRESHOLD. 11 OF 69 SAMPLES EXCEED THE CRITERION.
EVERGLADES WEST COAST	3258C	ESTERO BAY DRAINAGE (MULLOCK CREEK)	DO	< 5.0 MG/L	MEDIUM	2007	DO MET VERIFICATION THRESHOLD PER IWR. BOD IS THE CAUSATIVE POLLUTANT.
EVERGLADES WEST COAST	3258C	ESTERO BAY DRAINAGE (MULLOCK CREEK)	NUTRIENTS (CHL A)	TN = 0.88 MG/L TP = 0.05 MG/L	MEDIUM	2007	THIS WBID IS BEING ADDED AS A RESULT OF DISCUSSIONS WITH THE RGMC, WHO FILED A PETITION CHALLENGING THE AUGUST 28, 2002, SECRETARIAL ORDER ADOPTING THE INITIAL GROUP 1 LIST. THIS TIDAL TRIBUTARY WAS DIVIDED INTO A FRESHWATER SECTION (THIS WBID) AND A MARINE SECTION, AND THE RE-ASSESSMENT INDICATES THAT CHOLORPHYLL MET THE VERIFICATION THRESHOLD PER THE IWR INDICATING A NUTRIENT IMPAIRMENT. BOTH NITROGEN AND PHOSPHORUS ARE IDENTIFIED AS CAUSATIVE POLLUTANTS.
EVERGLADES WEST COAST	3258D1	ESTERO RIVER MARINE	NUTRIENTS (CHL A)	TN = 0.65 MG/L TP = 0.05 MG/L	MEDIUM	2007	THIS WBID IS BEING ADDED AS A RESULT OF DISCUSSIONS WITH THE RGMC, WHO FILED A PETITION CHALLENGING THE AUGUST 28, 2002, SECRETARIAL ORDER ADOPTING THE INITIAL GROUP 1 LIST. THIS TIDAL RIVER WAS DIVIDED INTO A FRESHWATER SECTION AND THIS MARINE SECTION, AND THE RE-ASSESSMENT INDICATES THAT CHOLORPHYLL MET THE VERIFICATION THRESHOLD PER THE IWR INDICATING A NUTRIENT IMPAIRMENT. BOTH NITROGEN AND PHOSPHORUS ARE IDENTIFIED AS CAUSATIVE POLLUTANTS.

EVERGLADES WEST COAST	3258D1	ESTERO RIVER MARINE	COPPER	> 2.9 UG/L	MEDIUM	2007	THIS WBID IS BEING ADDED AS A RESULT OF DISCUSSIONS WITH THE RGMC, WHO FILED A PETITION CHALLENGING THE AUGUST 28, 2002, SECRETARIAL ORDER ADOPTING THE INITIAL GROUP 1 LIST. THIS TIDAL RIVER WAS DIVIDED INTO A FRESHWATER SECTION AND THIS MARINE SECTION, AND THE RE-ASSESSMENT INDICATES COPPER SAMPLES ARE ABOVE THE LISTING THRESHOLD. 8 OF 23 SAMPLES EXCEED THE CRITERION.
EVERGLADES WEST COAST	3258D1	ESTERO RIVER MARINE	DO	< 4.0 MG/L	MEDIUM	2007	THIS WBID IS BEING ADDED AS A RESULT OF DISCUSSIONS WITH THE RGMC, WHO FILED A PETITION CHALLENGING THE AUGUST 28, 2002, SECRETARIAL ORDER ADOPTING THE INITIAL GROUP 1 LIST. THIS TIDAL RIVER WAS DIVIDED INTO A FRESHWATER SECTION AND THIS MARINE SECTION, AND THE RE-ASSESSMENT INDICATES THAT DO MET THE VERIFICATION THRESHOLD PER THE IWR. NUTRIENTS ARE INDICATED AS CAUSATIVE POLLUTANTS.
EVERGLADES WEST COAST	3258E	IMPERIAL RIVER (FRESH)	DO	< 5.0 MG/L	LOW	2007	THIS WBID IS BEING ADDED AS A RESULT OF DISCUSSIONS WITH THE RGMC, WHO FILED A PETITION CHALLENGING THE AUGUST 28, 2002, SECRETARIAL ORDER ADOPTING THE INITIAL GROUP 1 LIST. THIS TIDAL RIVER WAS DIVIDED INTO THIS FRESHWATER SECTION AND A MARINE SECTION, AND THE RE-ASSESSMENT INDICATES THAT DO MET THE VERIFICATION THRESHOLD PER THE IWR. NUTRIENTS ARE INDICATED AS CAUSATIVE POLLUTANTS.
EVERGLADES WEST COAST	3258E	IMPERIAL RIVER (FRESH)	NUTRIENTS (CHL A)	TN = 0.77 MG/L TP = 0.07 MG/L	LOW	2007	THIS WBID IS BEING ADDED AS A RESULT OF DISCUSSIONS WITH THE RGMC, WHO FILED A PETITION CHALLENGING THE AUGUST 28, 2002, SECRETARIAL ORDER ADOPTING THE INITIAL GROUP 1 LIST. THIS TIDAL RIVER WAS DIVIDED INTO THIS FRESHWATER SECTION AND A MARINE SECTION, AND THE RE-ASSESSMENT INDICATES THAT CHOLORPHYLL MET THE VERIFICATION THRESHOLD PER THE IWR INDICATING A NUTRIENT IMPAIRMENT. BOTH NITROGEN AND PHOSPHORUS ARE IDENTIFIED AS CAUSATIVE POLLUTANTS.
EVERGLADES WEST COAST	3258E1	IMPERIAL RIVER (MARINE)	COPPER	>2.9 UG/L	MEDIUM	2007	THIS WBID IS BEING ADDED AS A RESULT OF DISCUSSIONS WITH THE RGMC, WHO FILED A PETITION CHALLENGING THE AUGUST 28, 2002, SECRETARIAL ORDER ADOPTING THE INITIAL GROUP 1 LIST. THIS TIDAL RIVER WAS DIVIDED INTO THIS FRESHWATER SECTION AND A MARINE SECTION, AND THE RE-ASSESSMENT INDICATES COPPER SAMPLES ARE ABOVE THE LISTING THRESHOLD. 10 OF 25 SAMPLES EXCEED THE CRITERION.
EVERGLADES WEST COAST	3258H1	SPRING CREEK MARINE	NUTRIENTS (CHL A)	TN = 0.675 MG/L TP = 0.05 MG/L	MEDIUM	2007	THIS WBID IS BEING ADDED AS A RESULT OF DISCUSSIONS WITH THE RGMC, WHO FILED A PETITION CHALLENGING THE AUGUST 28, 2002, SECRETARIAL ORDER ADOPTING THE INITIAL GROUP 1 LIST. THIS TIDAL CREEK WAS DIVIDED INTO A FRESHWATER SECTION AND THIS MARINE SECTION, AND THE RE-ASSESSMENT INDICATES THAT CHOLORPHYLL MET THE VERIFICATION THRESHOLD PER THE IWR INDICATING A NUTRIENT IMPAIRMENT. BOTH NITROGEN AND PHOSPHORUS ARE IDENTIFIED AS CAUSATIVE POLLUTANTS.
EVERGLADES WEST COAST	3258H1	SPRING CREEK MARINE	COPPER	> 2.9 UG/L	MEDIUM	2007	THIS WBID IS BEING ADDED AS A RESULT OF DISCUSSIONS WITH THE RGMC, WHO FILED A PETITION CHALLENGING THE AUGUST 28, 2002, SECRETARIAL ORDER ADOPTING THE INITIAL GROUP 1 LIST. THIS TIDAL RIVER WAS DIVIDED INTO A FRESHWATER SECTION AND THIS MARINE SECTION, AND THE RE-ASSESSMENT INDICATES COPPER SAMPLES ARE ABOVE THE LISTING THRESHOLD. 29 OF 60 SAMPLES EXCEED THE CRITERION.
EVERGLADES WEST COAST	3258H1	SPRING CREEK MARINE	DO	< 4.0 MG/L	MEDIUM	2007	THIS WBID IS BEING ADDED AS A RESULT OF DISCUSSIONS WITH THE RGMC, WHO FILED A PETITION CHALLENGING THE AUGUST 28, 2002, SECRETARIAL ORDER ADOPTING THE INITIAL GROUP 1 LIST. THIS TIDAL CREEK WAS DIVIDED INTO A FRESHWATER SECTION AND THIS MARINE SECTION, AND THE RE-ASSESSMENT INDICATES THAT DO MET THE VERIFICATION THRESHOLD PER THE IWR. NUTRIENTS ARE INDICATED AS CAUSATIVE POLLUTANTS.
EVERGLADES WEST COAST	3259A	COCOHATCHEE RIVER	DO	DO	LOW	2007	DO MET VERIFICATION THRESHOLD PER IWR AND NITROGEN IS THE CAUSATIVE POLLUTANT.

EVERGLADES WEST COAST	3259B	COCOHATCHEE RIVER CANAL	DO	< 5.0 MG/L	MEDIUM	2007	THIS WBID IS BEING ADDED AS A RESULT OF DISCUSSIONS WITH THE CONSERVANCY OF SOUTHWEST FLORIDA, WHO REQUESTED AND RECEIVED AN EXTENSION FOR THE FILING OF A PETITION CHALLENGING THE AUGUST 28, 2002 ADOPTED LIST. THE DEPARTMENT RE-ASSESSED THIS WBID USING ADDITIONAL HISTORICAL DATA COLLECTED BY COLLIER COUNTY, AND THE RE-ASSESSMENT INDICATES THAT DO MET THE VERIFICATION THRESHOLD PER THE IWR. BOD IS INDICATED AS THE CAUSATIVE POLLUTANT.
EVERGLADES WEST COAST	3259B	COCOHATCHEE RIVER CANAL	IRON	> 1.0 MG/L	MEDIUM	2007	THIS WBID IS BEING ADDED AS A RESULT OF DISCUSSIONS WITH THE CONSERVANCY OF SOUTHWEST FLORIDA, WHO REQUESTED AND RECEIVED AN EXTENSION FOR THE FILING OF A PETITION CHALLENGING THE AUGUST 28, 2002 ADOPTED LIST. THE DEPARTMENT RE-ASSESSED THIS WBID USING ADDITIONAL HISTORICAL DATA COLLECTED BY COLLIER COUNTY, AND THE RE-ASSESSMENT INDICATES THAT DO MET THE VERIFICATION THRESHOLD PER THE IWR.
EVERGLADES WEST COAST	3259D	GORDON RIVER CANAL	DO	< 5.0 MG/L	MEDIUM	2007	THIS WBID IS BEING ADDED AS A RESULT OF DISCUSSIONS WITH THE CONSERVANCY OF SOUTHWEST FLORIDA, WHO REQUESTED AND RECEIVED AN EXTENSION FOR THE FILING OF A PETITION CHALLENGING THE AUGUST 28, 2002 ADOPTED LIST. THE DEPARTMENT RE-ASSESSED THIS WBID USING ADDITIONAL HISTORICAL DATA COLLECTED BY COLLIER COUNTY, AND THE RE-ASSESSMENT INDICATES THAT DO MET THE VERIFICATION THRESHOLD PER THE IWR. BOD IS INDICATED AS THE CAUSATIVE POLLUTANT.
EVERGLADES WEST COAST	3259E	HENDERSON CREEK CANAL	DO	< 5.0 MG/L	MEDIUM	2007	THIS WBID IS BEING ADDED AS A RESULT OF DISCUSSIONS WITH THE CONSERVANCY OF SOUTHWEST FLORIDA, WHO REQUESTED AND RECEIVED AN EXTENSION FOR THE FILING OF A PETITION CHALLENGING THE AUGUST 28, 2002 ADOPTED LIST. THE DEPARTMENT RE-ASSESSED THIS WBID USING ADDITIONAL HISTORICAL DATA COLLECTED BY COLLIER COUNTY, AND THE RE-ASSESSMENT INDICATES THAT DO MET THE VERIFICATION THRESHOLD PER THE IWR. BOD IS INDICATED AS THE CAUSATIVE POLLUTANT.
EVERGLADES WEST COAST	3259L	BLACKWATER RIVER	DO	< 5.0 MG/L	MEDIUM	2007	THIS WBID IS BEING ADDED AS A RESULT OF DISCUSSIONS WITH THE CONSERVANCY OF SOUTHWEST FLORIDA, WHO REQUESTED AND RECEIVED AN EXTENSION FOR THE FILING OF A PETITION CHALLENGING THE AUGUST 28, 2002 ADOPTED LIST. THE DEPARTMENT RE-ASSESSED THIS WBID USING ADDITIONAL HISTORICAL DATA COLLECTED BY COLLIER COUNTY, AND THE RE-ASSESSMENT INDICATES THAT DO MET THE VERIFICATION THRESHOLD PER THE IWR. PHOSPHORUS IS INDICATED AS THE CAUSATIVE POLLUTANT.
EVERGLADES WEST COAST	3259W	LAKE TRAFFORD	NUTRIENTS (TSI)	TN = 2.65 MG/L TP = 0.18 MG/L	LOW	2007	TSI MET VERIFICATION THRESHOLD PER IWR. NITROGEN AND PHOSPHORUS ARE BOTH CAUSATIVE AND LIMITING POLLUTANTS.
EVERGLADES WEST COAST	8065	SOUTHWEST COAST GULF 5	BACTERIA (SHELLFISH)	EXCEEDS SEAS THRESHOLDS	MEDIUM	2007	LISTED BASED ON CHANGE IN SHELLFISH HARVESTING CLASSIFICATION (DOWNGRADED FROM APPROVED TO CONDITIONAL).
EVERGLADES WEST COAST	8999	FLORIDA GULF COAST	MERCURY (IN FISH TISSUE)	LESS THAN CURRENT CRITERION (0.025 MG/L)	MEDIUM	2011	AGE OF DATA VERIFIED TO BE WITHIN LAST 7.5 YEARS. NUMERIC CRITERION IS INADEQUATE BECAUSE MERCURY IS ACCUMULATING IN THE FOOD CHAIN SUCH THAT FISH TISSUE MERCURY LEVELS EXCEED RECOMMENDED LEVELS FOR CONSUMPTION. CONFIRMED RECENT DATA FOR COASTAL FISH ADVISORY FOR MACKEREL. INCLUDES NEARSHORE AREAS IN WBIDS 8060, 8061, 8062, 8063, 8064, AND 8065.

ST. MARKS/OCHLOCKONEE RIVER BASIN

BASIN	WBID	WATER SEGMENT NAME	PARAMETERS IDENTIFIED USING THE IMPAIRED WATERS RULE	CONCENTRATIONS CAUSING IMPAIRMENT[2]	PRIORITY FOR TMDL DEVELOPMENT[3]	PROJECTED YEAR FOR TMDL DEVELOPMENT	COMMENTS
ST. MARKS & OCHLOCKONEE	1006	WAKULLA RIVER	BIOLOGY	MEDIAN TN = 0.56 MG/L; MEDIAN TP = 0.025 MG/L	MEDIUM	2007	FAILED 5 SCI STUDIES; LINKED TO NUTRIENTS. CO-LIMITATION.
ST. MARKS & OCHLOCKONEE	1297F	OCHLOCKONEE RIVER	TOTAL COLIFORMS	>2400 PER 100 ML	MEDIUM	2007	LISTED BASED UPON NEW DATA.
ST. MARKS & OCHLOCKONEE	1300	TELOGIA CREEK	FECAL COLIFORMS	>800 PER 100 ML	MEDIUM	2007	
ST. MARKS & OCHLOCKONEE	1300	TELOGIA CREEK	TOTAL COLIFORMS	>2400 PER 100 ML	MEDIUM	2007	
ST. MARKS & OCHLOCKONEE	424	LITTLE RIVER	TOTAL COLIFORMS	>2400 PER 100 ML	MEDIUM	2007	LISTED BASED UPON NEW DATA.
ST. MARKS & OCHLOCKONEE	540A	TALLAVANA LAKE	NUTRIENTS (TSI)	MEDIAN TN = 0.70 MG/L; MEDIAN TP = 0.061 MG/L	MEDIUM	2007	NUTRIENTS CO-LIMITING. POSSIBLE SOURCES INCLUDE RESIDENTIAL AREA AND NURSERY RUNOFF.
ST. MARKS & OCHLOCKONEE	582B	LAKE JACKSON	DISSOLVED OXYGEN	<5.0 MG/L	MEDIUM	2007	NITROGEN LIMITED. PREVIOUSLY LISTED AS WBID 582. LAKE JACKSON DRAINAGE AREA.
ST. MARKS & OCHLOCKONEE	582B	LAKE JACKSON	NUTRIENTS (TSI)	MEDIAN TN = 0.49 MG/L; MEDIAN TP = 0.05 MG/L	MEDIUM	2007	LINKED TO DO. NITROGEN, PHOSPHORUS AND CO-LIMITATION.
ST. MARKS & OCHLOCKONEE	628	BLACK CREEK	DISSOLVED OXYGEN	<5.0 MG/L	LOW	2007	HIGH PHOSPHORUS VALUE (0.29 MG/L); NITROGEN AND CO-LIMITED.
ST. MARKS & OCHLOCKONEE	647	ALFORD ARM	DISSOLVED OXYGEN	<5.0 MG/L	MEDIUM	2007	RESIDENTIAL RUNOFF AND MINIMAL FLOW. LINKED TO BOD.
ST. MARKS & OCHLOCKONEE	756	LAKE LAFAYETTE DRAIN	DISSOLVED OXYGEN	<5.0 MG/L	MEDIUM	2007	URBAN RUNOFF. ORIGINAL WBID 756 INCLUDED 756A, 756B, AND 756C. LINKED TO HIGH BOD.
ST. MARKS & OCHLOCKONEE	756	LAKE LAFAYETTE DRAIN	FECAL COLIFORMS	>800 PER 100 ML	HIGH	2002	URBAN RUNOFF. ORIGINAL WBID 756 INCLUDED 756A, 756B, AND 756C.
ST. MARKS & OCHLOCKONEE	756	LAKE LAFAYETTE DRAIN	TOTAL COLIFORMS	>2400 PER 100 ML	HIGH	2002	URBAN RUNOFF. ORIGINAL WBID 756 INCLUDED 756A, 756B, AND 756C.
ST. MARKS & OCHLOCKONEE	756A	LAKE LAFAYETTE - UPPER	DISSOLVED OXYGEN	<5.0 MG/L	HIGH	2002	URBAN RUNOFF. ORIGINAL WBID 756 INCLUDED 756A, 756B, AND 756C. LINKED TO NUTRIENTS, HIGH PHOSPHORUS.
ST. MARKS & OCHLOCKONEE	756A	LAKE LAFAYETTE - UPPER	NUTRIENTS (TSI)	MEDIAN TP = 0.1 MG/L	HIGH	2002	URBAN RUNOFF. LINKED TO PHOSPHORUS. HIGH PRIORITY BECAUSE PREVIOUSLY LISTED UNDER WBID 756 WITH HIGH PRIORITY.
ST. MARKS & OCHLOCKONEE	756B	LAKE PINEY Z	DISSOLVED OXYGEN	<5.0 MG/L	MEDIUM	2007	LINKED TO NUTRIENTS, CO-LIMITING. COT DATA INDICATE OVER ABUNDANCE OF VEGETATION. ORIGINAL WBID 756 INCLUDED 756A, 756B, AND 756C.
ST. MARKS & OCHLOCKONEE	756B	LAKE PINEY Z	NUTRIENTS (TSI)	MEDIAN TN = 0.53 MG/L; MEDIAN TP = 0.06 MG/L	MEDIUM	2007	URBAN RUNOFF. ORIGINAL WBID 756 INCLUDED 756A, 756B, AND 756C. CO-LIMITATION OF NITROGEN AND PHOSPHORUS.
ST. MARKS & OCHLOCKONEE	756C	LAKE LAFAYETTE - LOWER	DISSOLVED OXYGEN	<5.0 MG/L	MEDIUM	2007	LINKED TO NUTRIENTS. ORIGINAL WBID 756 INCLUDED 756A, 756B, AND 756C. POSSIBLE SOURCES INCLUDE URBAN RUNOFF AND LANDFILL.
ST. MARKS & OCHLOCKONEE	756C	LAKE LAFAYETTE - LOWER	NUTRIENTS (TSI)	MEDIAN TP = 0.05 MG/L	MEDIUM	2007	LINKED TO PHOSPHORUS. ORIGINAL WBID 756 INCLUDED 756A, 756B, AND 756C. POSSIBLE SOURCE INCLUDE URBAN RUNOFF.
ST. MARKS & OCHLOCKONEE	791L	LAKE MICCOSUKEE	TOTAL COLIFORMS	>2400 PER 100 ML	MEDIUM	2007	AGRICULTURE AND RESIDENTIAL RUNOFF. CO-LIMITATION.
ST. MARKS & OCHLOCKONEE	8025B	MASHES ISLAND	BEACH ADVISORY - BACTERIA	GREATER THAN DOH THRESHOLD	HIGH	2007	MASHES SANDS BEACH HAD ADVISORIES FOR AT LEAST 21 DAYS IN 2001.
ST. MARKS & OCHLOCKONEE	8026	APALACHEE BAY - WEST	BACTERIA (SHELLFISH)	EXCEEDS SEAS THRESHOLD	MEDIUM	2007	LISTED BASED ON DOWNGRADE IN SHELLFISH HARVESTING CLASSIFICATION.
ST. MARKS & OCHLOCKONEE	8026B	SHELL POINT	BEACH ADVISORY - FECAL COLIFORMS	GREATER THAN DOH THRESHOLD	HIGH	2007	SHELL POINT BEACH HAD ADVISORIES FOR AT LEAST 21 DAYS IN 2001.
ST. MARKS & OCHLOCKONEE	807C	LAKE MUNSON	DISSOLVED OXYGEN	<5.0 MG/L	MEDIUM	2007	LINKED TO NUTRIENTS; HIGH BOD.
ST. MARKS & OCHLOCKONEE	807C	LAKE MUNSON	NUTRIENTS (TSI)	MEDIAN TP = 0.158 MG/L	MEDIUM	2007	LINKED TO PHOSPHORUS LIMITATION.

ST. MARKS & OCHLOCKONEE	807D	MUNSON SLOUGH (ABOVE LAKE)	DISSOLVED OXYGEN	<5.0 MG/L	MEDIUM	2007	LINKED TO NUTRIENTS. NITROGEN LIMITED. URBAN RUNOFF.
ST. MARKS & OCHLOCKONEE	889	MOORE LAKE	MERCURY-FISH	LESS THAN CURRENT CRITERION (0.012 UG/L)	LOW	2011	2001 DATA INDICATES IMPAIRMENT; HG AVERAGE = 0.5975 MG/KG IN TISSUE.
ST. MARKS & OCHLOCKONEE	8999	FLORIDA GULF COAST	MERCURY-FISH	LESS THAN CURRENT CRITERION (0.025 UG/L)	LOW	2011	CONFIRMED RECENT DATA FOR COASTAL FISH ADVISORY FOR MACKEREL. INCLUDES NEARSHORE AREAS IN WBIDS 8025 AND 8026 SERIES.
ST. MARKS & OCHLOCKONEE	971B	LAKE WEEKS	DISSOLVED OXYGEN	MEDIAN TN=0.797 MG/L; MEDIAN TP=0.019 MG/L	MEDIUM	2007	DO RELATED TO NUTRIENTS.

1 WBID = **W**ater**B**ody **ID**entification Number

2 FOR NUTRIENTS, THESE ARE MEDIAN CONCENTRATIONS CALCULATED FROM DATA GENERATED FROM 1995 THROUGH JUNE, 2002. THE SPECIFIC CONCENTRATION OF NUTRIENTS CAUSING THE IMPAIRMENT IS UNKNOWN.

3 PRIORITIES WERE RETAINED FROM THE 1998 303(D) LIST (I.E., HIGH OR LOW), BUT HIGH, MEDIUM AND LOW ARE USED FOR NEWLY LISTED WATERS IDENTIFIED UNDER THE IWR.

U.S. Environmental Protection Agency

Total Maximum Daily Loads

Listed Water Information

CYCLE : 2002

Click here to see metadata for this report.

Cycle: 2002 **State:** FL **List ID:** FL-1563
Waterbody Name: CHANNEL G
State Basin Name: TAMPA BAY
Listed Water Map Link: MAP 303(d)

Other Impaired Water 303(d) List Information
The most current report available for this water body is 2002.
Data are also available for these years: 1998

State Impairments:

State Impairment	Parent Impairment	Priority	Rank	Targeted Flag	Anticipated TMDL Submittal
DISSOLVED OXYGEN	OXYGEN DEPLETION	LOW		N	DEC-31-2008
FECAL COLIFORM	PATHOGENS	LOW			
NUTRIENTS	NUTRIENTS	LOW		N	DEC-31-2008
TOTAL COLIFORM	PATHOGENS	LOW			

Potential Sources of Impairment:

There were no potential sources reported to EPA by the state.

Total Maximum Daily Load (TMDL) Information:

There were no TMDLs reported to EPA by the state.

Watershed Information:

Watershed Name	Watershed States
TAMPA BAY	FLORIDA

Last updated on Thursday, November 15th, 2007
URL: http://iaspub.epa.gov/tmdl/enviro.control

U.S. Environmental Protection Agency

Total Maximum Daily Loads

Listed Water Information

CYCLE : 2002

Click here to see metadata for this report.

Cycle: 2002 **State:** FL **List ID:** FL-1516
Waterbody Name: SWEETWATER CREEK
State Basin Name: TAMPA BAY
Listed Water Map Link: MAP 303(d)

Other Impaired Water 303(d) List Information
The most current report available for this water body is 2002.
Data are also available for these years: 1998

State Impairments:

State Impairment	Parent Impairment	Priority	Rank	Targeted Flag	Anticipated TMDL Submittal
DISSOLVED OXYGEN	OXYGEN DEPLETION	LOW		N	DEC-31-2008
FECAL COLIFORM	PATHOGENS	LOW			
NUTRIENTS	NUTRIENTS	LOW			
TOTAL COLIFORM	PATHOGENS	LOW			

Potential Sources of Impairment:

There were no potential sources reported to EPA by the state.

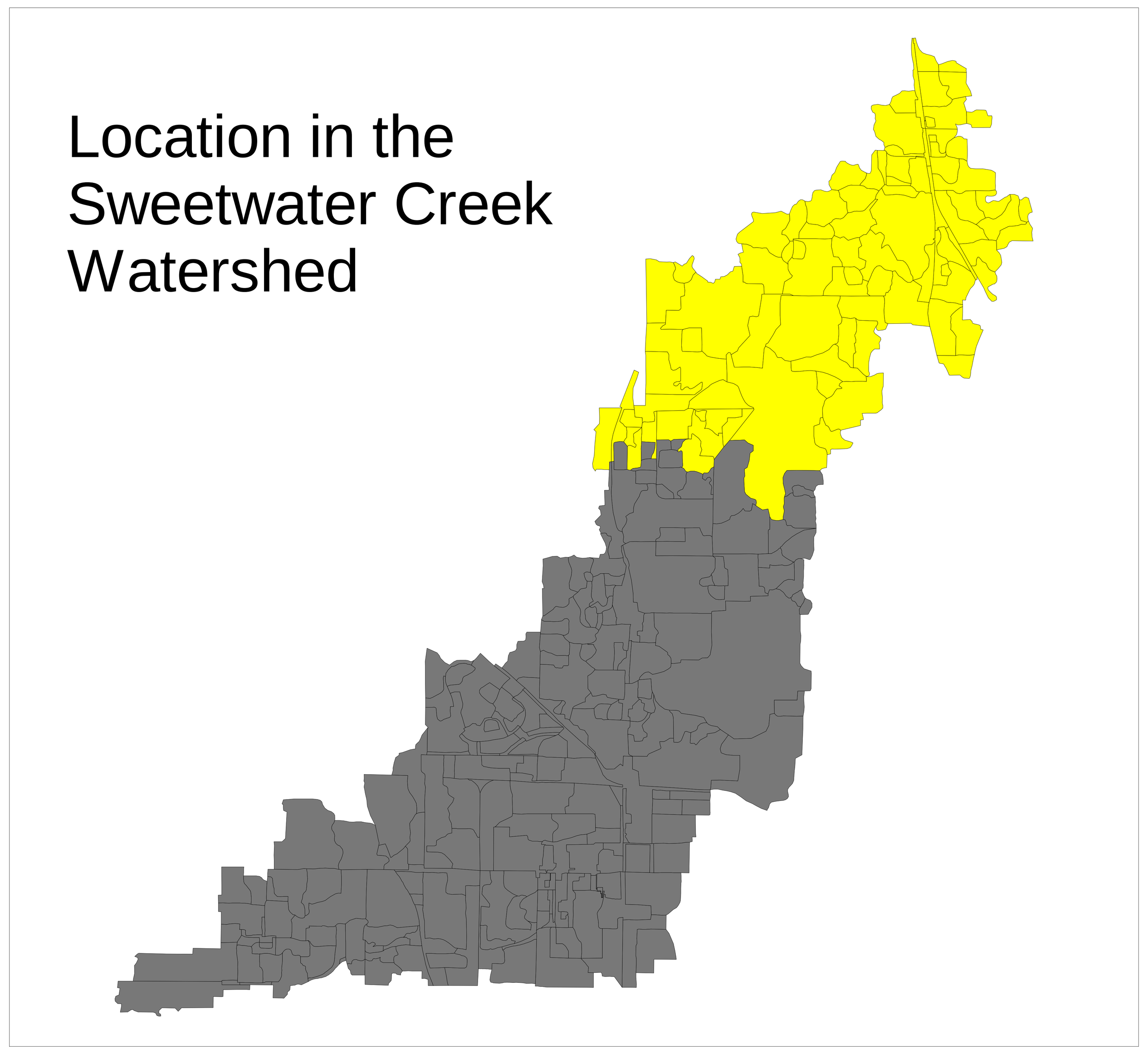
Total Maximum Daily Load (TMDL) Information:

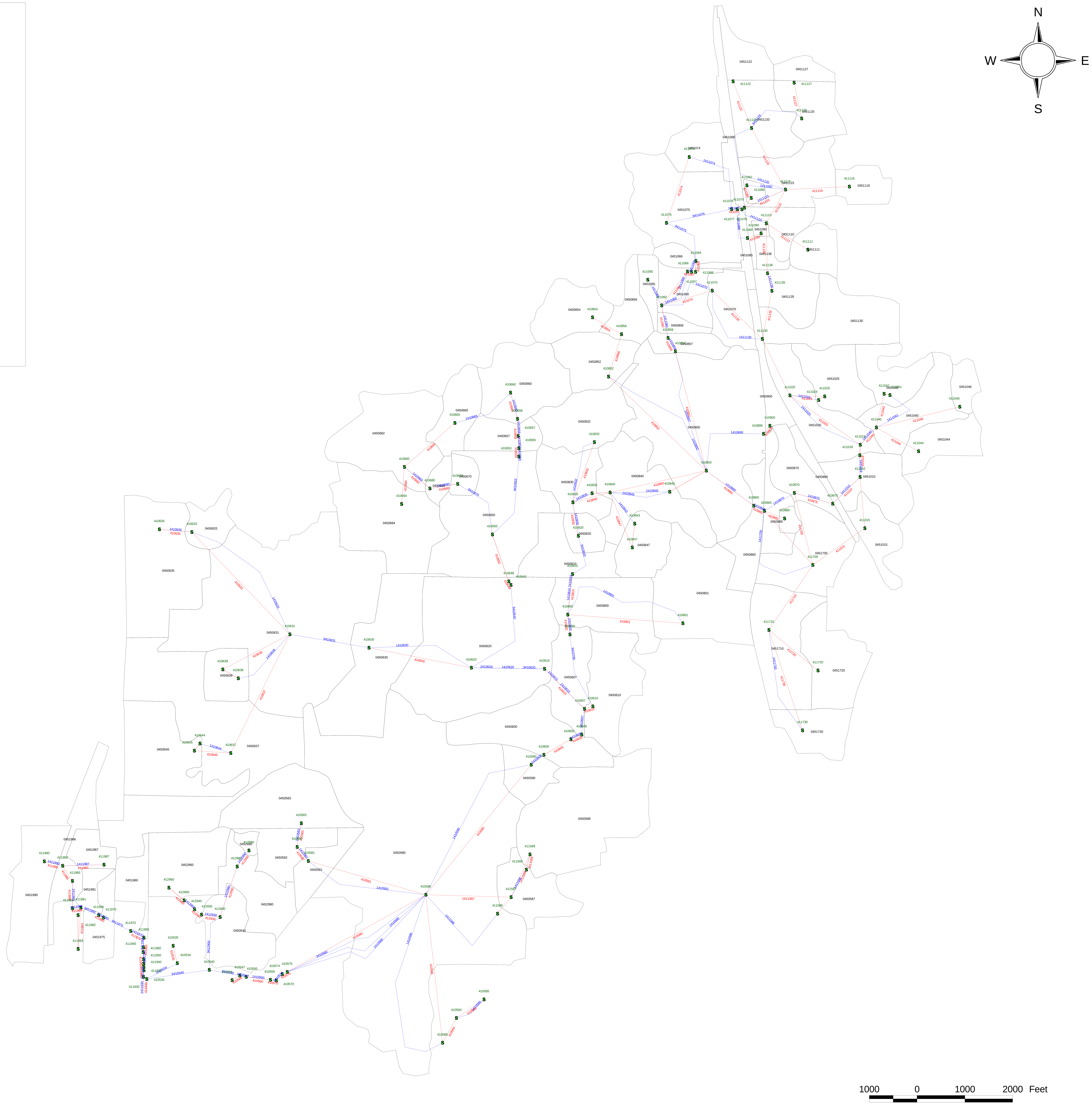
There were no TMDLs reported to EPA by the state.

Watershed Information:

Watershed Name	Watershed States
TAMPA BAY	FLORIDA

Last updated on Thursday, November 15th, 2007
URL: http://iaspub.epa.gov/tmdl/enviro.control





Legend

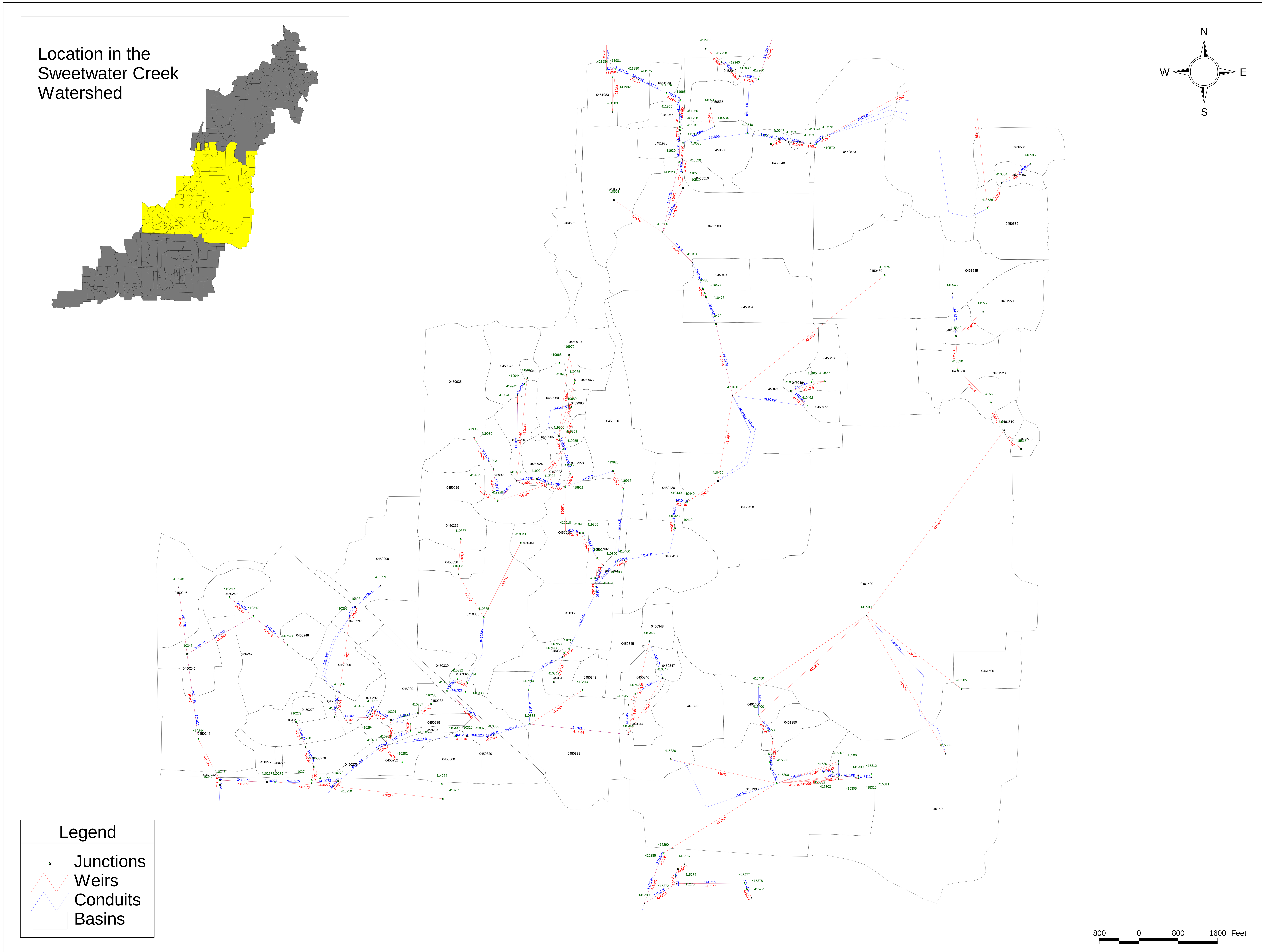
- Junctions
- Weirs
- Conduits
- Basins

Sweetwater Creek Watershed Study

Connectivity Diagram

Appendix 3-1

AYRES ASSOCIATES

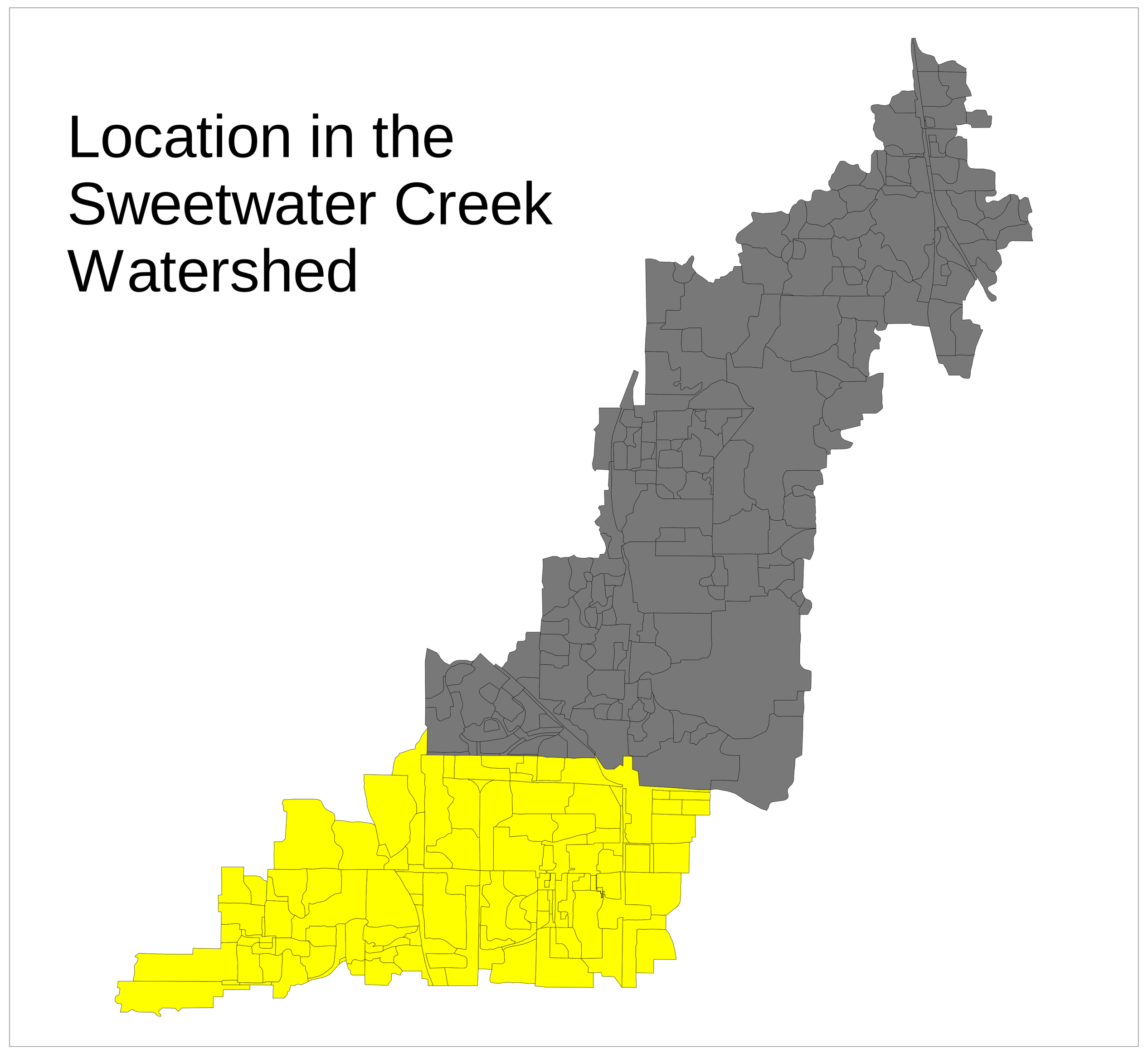


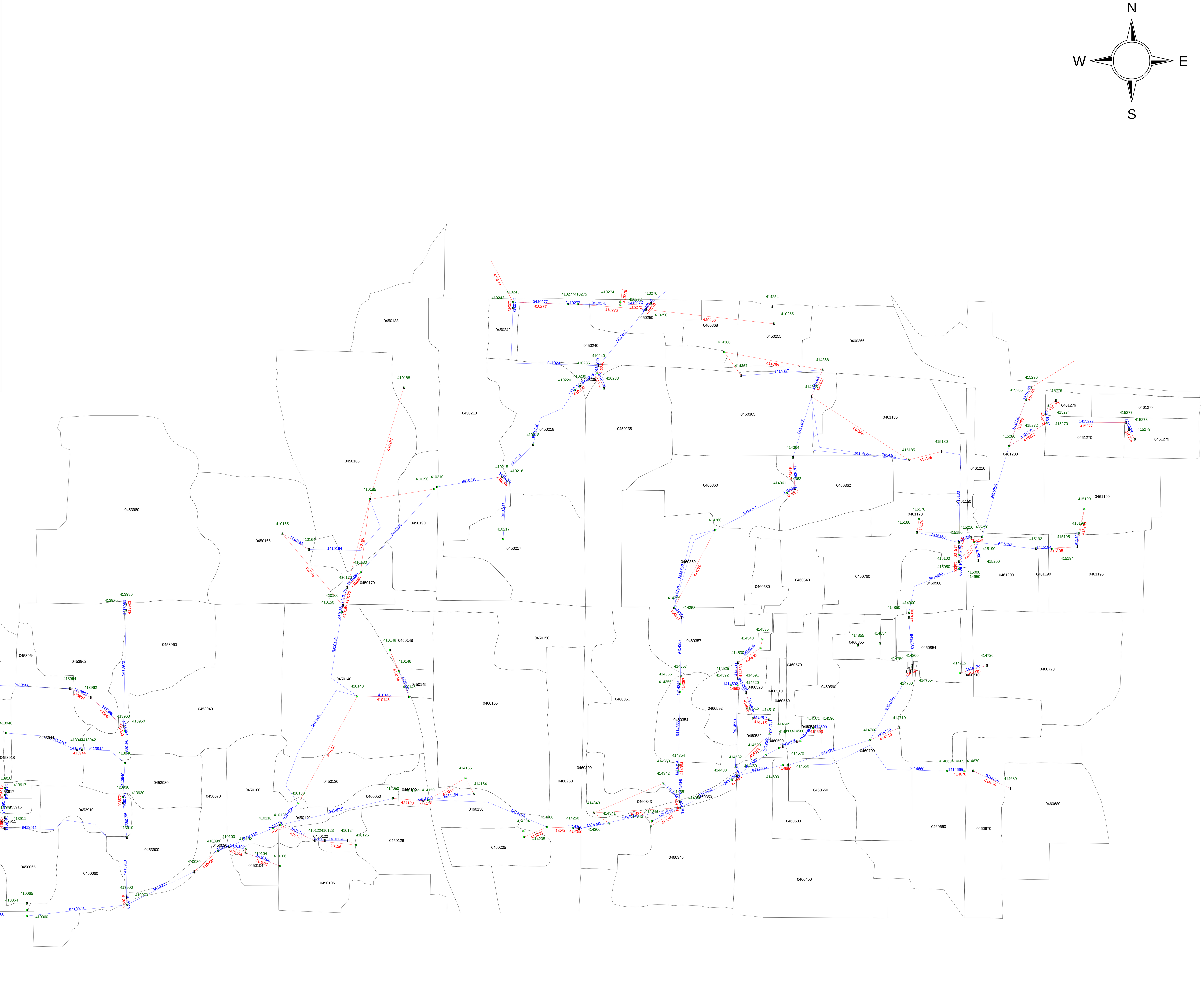
Sweetwater Creek Watershed Study

Connectivity Diagram

Appendix 3-2

AYRES ASSOCIATES





Legend

- Junctions
- Weirs
- Conduits
- Basins

900 0 900 1800 Feet

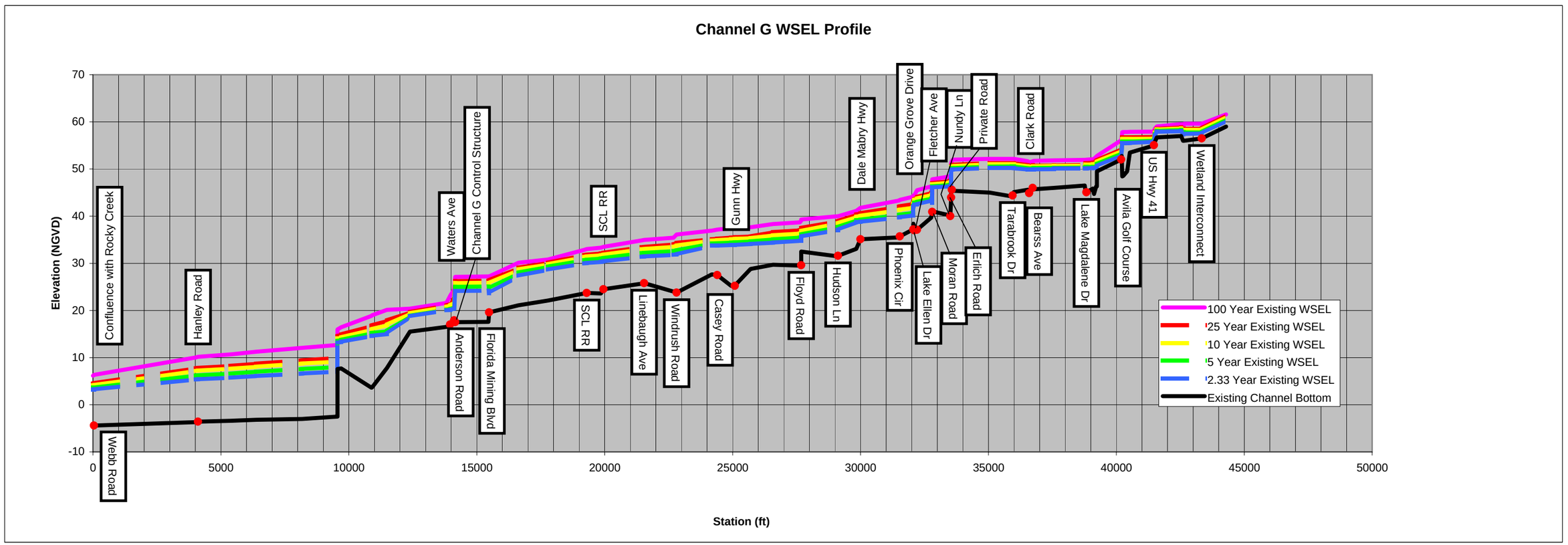
Sweetwater Creek Watershed Study

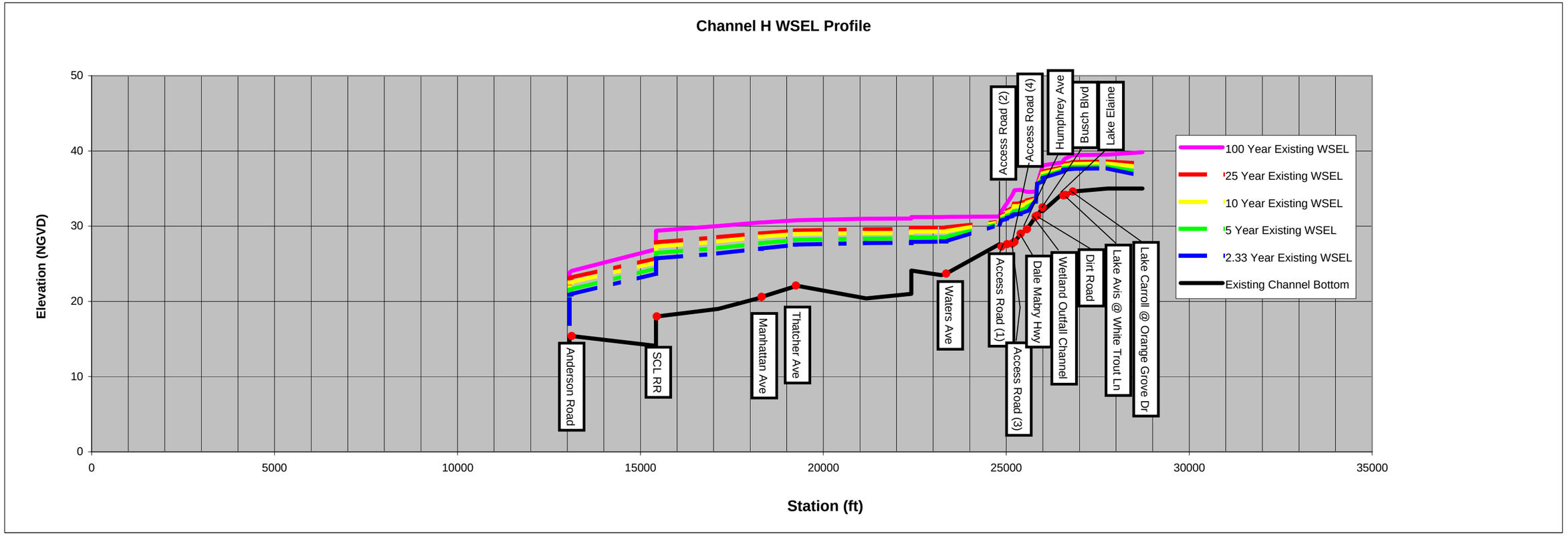
Connectivity Diagram

Appendix
3-3

AYRES ASSOCIATES

Channel G WSEL Profile




Channel H WSEL Profile
Elevation (NGVD)
Station (ft)
0
10
20
30
40
50
0
5000
10000
15000
20000
25000
30000
35000
100 Year Existing WSEL
25 Year Existing WSEL
10 Year Existing WSEL
5 Year Existing WSEL
2.33 Year Existing WSEL
Existing Channel Bottom
Anderson Road
SCL RR
Manhattan Ave
Thatcher Ave
Waters Ave
Access Road (1)
Access Road (3)
Dale Mabry Hwy
Wetland Outfall Channel
Dirt Road
Lake Avis @ White Trout Ln
Lake Carroll @ Orange Grove Dr
Access Road (2)
Access Road (4)
Humphrey Ave
Busch Blvd
Lake Elaine

Programs
- Water Home
- Beaches
- Drinking Water
- Mine Reclamation
- Stormwater
- Underground Injection
- Wastewater
- Watersheds
- Water Policy
- Wetlands

Information
- Contacts
- Data
- Events
- Forms and Applications
- News
- Publications
- Rules

Navigation
- Sitemap

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Surface Water Quality Classifications

The Clean Water Act requires that the surface waters of each state be classified according to designated uses. Florida has five classes with associated designated uses, which are arranged in order of degree of protection required:

Class I - Potable Water Supplies
Fourteen general areas throughout the state including: impoundments and associated tributaries, certain lakes, rivers, or portions of rivers, used as a drinking water supply.

Class II - Shellfish Propagation or Harvesting
Generally coastal waters where shellfish harvesting occurs.

Class III - Recreation, Propagation and Maintenance of a Healthy, Well-Balanced Population of Fish and Wildlife
The surface waters of the state are Class III unless described in rule 62-302.400 F.A.C.

Class IV - Agricultural Water Supplies
Generally located in agriculture areas around Lake Okeechobee.

Class V - Navigation, Utility and Industrial Use.
Currently, there are not any designated Class V bodies of water. The Fenholloway River was reclassified as Class III in 1998

For a more detailed description of classes and specific waterbody designations, see 62-302.400.

Criteria for Surface Water Quality Classifications

To protect present and future most beneficial uses of the waters, water quality criteria have been established for each classification. While some criteria are intended to protect aquatic life, others are designed to protect human health. The criteria are located in rules 62-302.500 and 62-302.530 F.A.C. Water quality standards also include narrative criteria for pollutants and other conditions not specifically listed.

Anti-degradation Policy

The anti-degradation policy (found in 62-302.300 and 62-4.242 F.A.C.) allows for protection of water quality above the minimum required for a classification.

For more information please contact: Eric Shaw at (850) 245-8429 or Janet Klemm at (850) 245-8427.

Water Quality Standards and Special Projects Program
Florida Department of Environmental Protection
2600 Blair Stone Road - M.S. 3560
Tallahassee, FL 32399
850-245-8417
Contact Us

VERIFIED LIST OF IMPAIRED WATERS FOR THE GROUP 1 BASINS (INCLUDING AMENDED ORDER - MARCH 2003)

BASIN	WBID[1]	WATER SEGMENT NAME	PARAMETERS IDENTIFIED USING THE IMPAIRED WATERS RULE	CONCENTRATIONS CAUSING IMPAIRMENT[2]	PRIORITY FOR TMDL DEVELOPMENT[3]	PROJECTED YEAR FOR TMDL DEVELOPMENT	COMMENTS
TAMPA BAY	1473W	LAKE JUANITA	NUTRIENTS (HISTORIC TSI)	MEDIAN TN = 0.60 MG/L; MEDIAN TP = 0.01 MG/L	MEDIUM	2008	NITROGEN AND PHOSPHORUS ARE LIMITING NUTRIENTS.
TAMPA BAY	1473X	MOUND LAKE	NUTRIENTS (HISTORIC TSI)	MEDIAN TN = 0.45 MG/L; MEDIAN TP = 0.01 MG/L	MEDIUM	2008	NITROGEN AND PHOSPHORUS ARE LIMITING NUTRIENTS.
TAMPA BAY	1473Y	CALM LAKE	NUTRIENTS (HISTORIC TSI)	MEDIAN TN = 0.33 MG/L; MEDIAN TP = 0.01 MG/L	MEDIUM	2008	NITROGEN AND PHOSPHORUS ARE LIMITING NUTRIENTS.
TAMPA BAY	1474V	CRESCENT	NUTRIENTS (TSI)	MEDIAN TN = 0.65 MG/L; MEDIAN TP = 0.02 MG/L	MEDIUM	2008	NITROGEN AND PHOSPHORUS ARE LIMITING NUTRIENTS.
TAMPA BAY	1474W	DEAD LADY LAKE	NUTRIENTS (TSI)	MEDIAN TN = 0.88 MG/L; MEDIAN TP = 0.03 MG/L	MEDIUM	2008	NITROGEN AND PHOSPHORUS ARE LIMITING NUTRIENTS.
TAMPA BAY	1478H	LAKE REINHEIMER - OPEN	NUTRIENTS (TSI)	MEDIAN TN = 1.03 MG/L; MEDIAN TP = 0.02 MG/L	MEDIUM	2008	NITROGEN AND PHOSPHORUS ARE LIMITING NUTRIENTS.
TAMPA BAY	1486	LAKE TARPON	DISSOLVED OXYGEN	< 5.0 MG/L	MEDIUM	2008	LINKED TO NUTRIENTS.
TAMPA BAY	1486	LAKE TARPON	NUTRIENTS (TSI)	MEDIAN TN = 1.13 MG/L; MEDIAN TP = 0.03 MG/L	MEDIUM	2008	NITROGEN AND PHOSPHORUS ARE LIMITING NUTRIENTS. NUTRIENTS BEING ADDRESSED BY SWFWMD THROUGH PLRGS.
TAMPA BAY	1486A	LAKE TARPON	DISSOLVED OXYGEN	< 5.0 MG/L	MEDIUM	2008	THIS WBID WAS PREVIOUSLY INCLUDED ON THE VERIFIED LIST AS WBID 1486, BUT SHOULD HAVE BEEN LISTED AS 1486A. LINKED TO NUTRIENTS.
TAMPA BAY	1493	BUCK LAKE	NUTRIENTS (TSI)	MEDIAN TN = 1.18 MG/L; MEDIAN TP = 0.14 MG/L	MEDIUM	2008	NITROGEN AND PHOSPHORUS ARE LIMITING NUTRIENTS.
TAMPA BAY	1494B	BRANT LAKE	NUTRIENTS (TSI)	MEDIAN TN = 1.03 MG/L; MEDIAN TP = 0.04 MG/L	MEDIUM	2008	NITROGEN AND PHOSPHORUS ARE LIMITING NUTRIENTS.
TAMPA BAY	1496	SUNSET LAKE	NUTRIENTS (TSI)	MEDIAN TN = 0.72 MG/L; MEDIAN TP = 0.02 MG/L	MEDIUM	2008	NITROGEN AND PHOSPHORUS ARE LIMITING NUTRIENTS.
TAMPA BAY	1502A	LAKE ESTES	NUTRIENTS (TSI)	MEDIAN TN = 0.82 MG/L; MEDIAN TP = 0.03 MG/L	MEDIUM	2008	NITROGEN AND PHOSPHORUS ARE LIMITING NUTRIENTS.
TAMPA BAY	1502C	CHAPMAN LAKE	NUTRIENTS (TSI)	MEDIAN TN = 1.07 MG/L; MEDIAN TP = 0.04 MG/L	MEDIUM	2008	NITROGEN AND PHOSPHORUS ARE LIMITING NUTRIENTS.
TAMPA BAY	1507A	ROCKY CREEK	NUTRIENTS (CHL A)	TN = 1.35 MG/L	HIGH	2003	AS NOTED IN THE DEPARTMENT'S OCTOBER 1 SUBMITTAL TO EPA, THIS WATER SHOULD HAVE BEEN INCLUDED IN THE ORIGINAL ORDER ADOPTED BY THE SECRETARY BUT WAS INADVERTENTLY LEFT OFF THE LIST. NITROGEN IS THE LIMITING NUTRIENT.
TAMPA BAY	1507A	ROCKY CREEK	DISSOLVED OXYGEN	< 4.0 MG/L, AND LESS THAN 5.0 MG/L AS DAILY AVERAGE	HIGH	2003	LINKED TO NUTRIENTS AND BOD. FLOW DISRUPTED BY CONTROL STRUCTURES. ALGAL BLOOMS OBSERVED.
TAMPA BAY	1507A	ROCKY CREEK	NUTRIENTS (HISTORIC CHLOROPHYLL)	MEDIAN TN = 1.35 MG/L	MEDIUM	2008	NITROGEN IS LIMITING NUTRIENT. FLOW DISRUPTED BY CONTROL STRUCTURES. ALGAL BLOOMS OBSERVED.
TAMPA BAY	1513	DOUBLE BRANCH	COLIFORMS (TOTAL COLIFORM)	> 2400 PER ML	LOW	2008	
TAMPA BAY	1513	DOUBLE BRANCH	DISSOLVED OXYGEN	< 4.0 MG/L, AND LESS THAN 5.0 MG/L AS DAILY AVERAGE	LOW	2008	LINKED TO NUTRIENTS.
TAMPA BAY	1516	SWEETWATER CREEK – UPPER	NUTRIENTS (CHL A)	TN = 0.67 MG/L	MEDIUM	2008	AS NOTED IN THE DEPARTMENT'S OCTOBER 1 SUBMITTAL TO EPA, THIS WATER SHOULD HAVE BEEN INCLUDED IN THE ORIGINAL ORDER ADOPTED BY THE SECRETARY BUT WAS INADVERTENTLY LEFT OFF THE LIST. NITROGEN IS THE LIMITING NUTRIENT.
TAMPA BAY	1516	SWEETWATER CREEK - UPPER	COLIFORMS (TOTAL COLIFORM)	> 2400 PER ML	LOW	2008	
TAMPA BAY	1516	SWEETWATER CREEK - UPPER	DISSOLVED OXYGEN	< 5.0 MG/L	LOW	2008	LINKED TO NUTRIENTS.
TAMPA BAY	1516	SWEETWATER CREEK - UPPER	NUTRIENTS (HISTORIC CHLOROPHYLL)	MEDIAN TN = 0.67 MG/L	MEDIUM	2008	NITROGEN IS LIMITING NUTRIENT.
TAMPA BAY	1516A	LAKE CARROLL	NUTRIENTS (TSI)	MEDIAN TN = 0.44 MG/L; MEDIAN TP = 0.01 MG/L	MEDIUM	2008	NITROGEN AND PHOSPHORUS ARE LIMITING NUTRIENTS.
TAMPA BAY	1516B	LAKE MADELENE	NUTRIENTS (TSI)	MEDIAN TN = 0.67 MG/L; MEDIAN TP = 0.01 MG/L	MEDIUM	2008	NITROGEN AND PHOSPHORUS ARE LIMITING NUTRIENTS.
TAMPA BAY	1516E	LAKE ELLEN - OPEN WATER	NUTRIENTS (TSI)	MEDIAN TN = 0.72 MG/L; MEDIAN TP = 0.02 MG/L	MEDIUM	2008	NITROGEN AND PHOSPHORUS ARE LIMITING NUTRIENTS.

BASIN	WBID[1]	WATER SEGMENT NAME	PARAMETERS IDENTIFIED USING THE IMPAIRED WATERS RULE	CONCENTRATIONS CAUSING IMPAIRMENT[2]	PRIORITY FOR TMDL DEVELOPMENT[3]	PROJECTED YEAR FOR TMDL DEVELOPMENT	COMMENTS
TAMPA BAY	1530	MOCCASIN CREEK	NUTRIENTS (CHLOROPHYLL)	MEDIAN TN = 0.94 MG/L	LOW	2008	NITROGEN IS LIMITING NUTRIENT.
TAMPA BAY	1536C	TAMPA BYPASS CANAL	COLIFORMS (TOTAL)	> 2400 PER 100 ML	MEDIUM	2008	AS NOTED IN THE DEPARTMENT'S OCTOBER 1 SUBMITTAL TO EPA, THIS WATER SHOULD HAVE BEEN INCLUDED IN THE ORIGINAL ORDER ADOPTED BY THE SECRETARY BUT WAS INADVERTENTLY LEFT OFF THE LIST. 13 EXCEEDANCES/72 SAMPLES.
TAMPA BAY	1536C	TAMPA BYPASS CANAL	NUTRIENTS (CHL A)	TN = 0.89 MG/L	MEDIUM	2008	AS NOTED IN THE DEPARTMENT'S OCTOBER 1 SUBMITTAL TO EPA, THIS WATER SHOULD HAVE BEEN INCLUDED IN THE ORIGINAL ORDER ADOPTED BY THE SECRETARY BUT WAS INADVERTENTLY LEFT OFF THE LIST. NITROGEN IS LIMITING NUTRIENT.
TAMPA BAY	1536C	TAMPA BYPASS CANAL	DISSOLVED OXYGEN	< 5.0 MG/L	LOW	2008	LINKED TO NUTRIENTS AND BOD. FLOW DISRUPTED BY CONTROL STRUCTURES. ALGAL BLOOMS OBSERVED.
TAMPA BAY	1536E	PALM RIVER	NUTRIENTS (CHL A)	TN = 1.02 MG/L	MEDIUM	2008	AS NOTED IN THE DEPARTMENT'S OCTOBER 1 SUBMITTAL TO EPA, THIS WATER SHOULD HAVE BEEN INCLUDED IN THE ORIGINAL ORDER ADOPTED BY THE SECRETARY BUT WAS INADVERTENTLY LEFT OFF THE LIST. NITROGEN IS LIMITING NUTRIENT.
TAMPA BAY	1536E	PALM RIVER	DISSOLVED OXYGEN	< 4.0 MG/L, AND LESS THAN 5.0 MG/L AS DAILY AVERAGE	LOW	2008	LINKED TO NUTRIENTS AND BOD. FLOW DISRUPTED BY CONTROL STRUCTURES. ALGAL BLOOMS OBSERVED.
TAMPA BAY	1536E	PALM RIVER	NUTRIENTS (HISTORIC CHLOROPHYLL)	MEDIAN TN = 1.0 MG/L	MEDIUM	2008	NITROGEN IS LIMITING NUTRIENT. FLOW DISRUPTED BY CONTROL STRUCTURES. ALGAL BLOOMS OBSERVED.
TAMPA BAY	1536F	SIXMILE CREEK	NUTRIENTS (CHL A)	TN = 0.74 MG/L	MEDIUM	2008	THIS WATER SHOULD HAVE BEEN INCLUDED IN THE ORIGINAL ORDER ADOPTED BY THE SECRETARY BUT WAS INADVERTENTLY LEFT OFF THE LIST. NITROGEN IS LIMITING NUTRIENT. IN THE DEPARTMENT'S OCTOBER 1 SUBMITTAL TO EPA, THIS SEGMENT WAS INCORRECTLY REFERRED TO AS WBID 1536B.
TAMPA BAY	1536F	SIXMILE CREEK	DISSOLVED OXYGEN	< 5.0 MG/L	MEDIUM	2008	THIS WATER IS BEING ADDED BECAUSE DATA FOR THIS WATER WERE INCORRECTLY ATTRIBUTED TO WBID 1536B IN THE ORIGINAL ORDER ADOPTED BY THE SECRETARY. LINKED TO NUTRIENTS AND BOD. FLOW DISRUPTED BY CONTROL STRUCTURES. ALGAL BLOOMS OBSERVED.
TAMPA BAY	1558A	TAMPA BAY LOWER	MERCURY-FISH	LESS THAN CURRENT CRITERION (0.025 UG/L)	LOW	2011	AGE OF DATA VERIFIED TO BE WITHIN LAST 7.5 YEARS. NUMERIC CRITERION IS INADEQUATE BECAUSE MERCURY IS ACCUMULATING IN THE FOOD CHAIN SUCH THAT FISH TISSUE MERCURY LEVELS EXCEED RECOMMENDED LEVELS FOR CONSUMPTION.
TAMPA BAY	1558A	TAMPA BAY LOWER	COLIFORMS - SHELLFISH	EXCEEDS SEAS THRESHOLDS	MEDIUM	2008	LISTED DUE TO DOWNGRADE IN SHELLFISH HARVESTING CLASSIFICATION.
TAMPA BAY	1558B	TAMPA BAY MID	COLIFORMS - SHELLFISH	EXCEEDS SEAS THRESHOLDS	MEDIUM	2008	LISTED DUE TO DOWNGRADE IN SHELLFISH HARVESTING CLASSIFICATION.
TAMPA BAY	1558B	TAMPA BAY MID	MERCURY-FISH	LESS THAN CURRENT CRITERION (0.025 UG/L)	LOW	2011	AGE OF DATA VERIFIED TO BE WITHIN LAST 7.5 YEARS. NUMERIC CRITERION IS INADEQUATE BECAUSE MERCURY IS ACCUMULATING IN THE FOOD CHAIN SUCH THAT FISH TISSUE MERCURY LEVELS EXCEED RECOMMENDED LEVELS FOR CONSUMPTION.
TAMPA BAY	1558C	TAMPA BAY UPPER	MERCURY-FISH	LESS THAN CURRENT CRITERION (0.025 UG/L)	LOW	2011	AGE OF DATA VERIFIED TO BE WITHIN LAST 7.5 YEARS. NUMERIC CRITERION IS INADEQUATE BECAUSE MERCURY IS ACCUMULATING IN THE FOOD CHAIN SUCH THAT FISH TISSUE MERCURY LEVELS EXCEED RECOMMENDED LEVELS FOR CONSUMPTION.
TAMPA BAY	1558D	HILLSBOROUGH BAY LOWER	MERCURY-FISH	LESS THAN CURRENT CRITERION (0.025 UG/L)	LOW	2011	AGE OF DATA VERIFIED TO BE WITHIN LAST 7.5 YEARS. NUMERIC CRITERION IS INADEQUATE BECAUSE MERCURY IS ACCUMULATING IN THE FOOD CHAIN SUCH THAT FISH TISSUE MERCURY LEVELS EXCEED RECOMMENDED LEVELS FOR CONSUMPTION.
TAMPA BAY	1558E	HILLSBOROUGH BAY UPPER	MERCURY-FISH	LESS THAN CURRENT CRITERION (0.025 UG/L)	HIGH	2011	AGE OF DATA VERIFIED TO BE WITHIN LAST 7.5 YEARS. NUMERIC CRITERION IS INADEQUATE BECAUSE MERCURY IS ACCUMULATING IN THE FOOD CHAIN SUCH THAT FISH TISSUE MERCURY LEVELS EXCEED RECOMMENDED LEVELS FOR CONSUMPTION.
TAMPA BAY	1558F	OLD TAMPA BAY LOWER	COLIFORMS - SHELLFISH	EXCEEDS SEAS THRESHOLDS	MEDIUM	2008	LISTED DUE TO DOWNGRADE IN SHELLFISH HARVESTING CLASSIFICATION.

BASIN	WBID[1]	WATER SEGMENT NAME	PARAMETERS IDENTIFIED USING THE IMPAIRED WATERS RULE	CONCENTRATIONS CAUSING IMPAIRMENT[2]	PRIORITY FOR TMDL DEVELOPMENT[3]	PROJECTED YEAR FOR TMDL DEVELOPMENT	COMMENTS
TAMPA BAY	1558F	OLD TAMPA BAY LOWER	MERCURY-FISH	LESS THAN CURRENT CRITERION (0.025 UG/L)	LOW	2011	AGE OF DATA VERIFIED TO BE WITHIN LAST 7.5 YEARS. NUMERIC CRITERION IS INADEQUATE BECAUSE MERCURY IS ACCUMULATING IN THE FOOD CHAIN SUCH THAT FISH TISSUE MERCURY LEVELS EXCEED RECOMMENDED LEVELS FOR CONSUMPTION.
TAMPA BAY	1558G	OLD TAMPA BAY	COLIFORMS - SHELLFISH	EXCEEDS SEAS THRESHOLDS	MEDIUM	2008	LISTED DUE TO DOWNGRADE IN SHELLFISH HARVESTING CLASSIFICATION.
TAMPA BAY	1558G	OLD TAMPA BAY	MERCURY-FISH	LESS THAN CURRENT CRITERION (0.025 UG/L)	LOW	2011	AGE OF DATA VERIFIED TO BE WITHIN LAST 7.5 YEARS. NUMERIC CRITERION IS INADEQUATE BECAUSE MERCURY IS ACCUMULATING IN THE FOOD CHAIN SUCH THAT FISH TISSUE MERCURY LEVELS EXCEED RECOMMENDED LEVELS FOR CONSUMPTION.
TAMPA BAY	1558H	OLD TAMPA BAY	COLIFORMS - SHELLFISH	EXCEEDS SEAS THRESHOLDS	MEDIUM	2008	LISTED DUE TO DOWNGRADE IN SHELLFISH HARVESTING CLASSIFICATION.
TAMPA BAY	1558H	OLD TAMPA BAY	MERCURY-FISH	LESS THAN CURRENT CRITERION (0.025 UG/L)	LOW	2011	AGE OF DATA VERIFIED TO BE WITHIN LAST 7.5 YEARS. NUMERIC CRITERION IS INADEQUATE BECAUSE MERCURY IS ACCUMULATING IN THE FOOD CHAIN SUCH THAT FISH TISSUE MERCURY LEVELS EXCEED RECOMMENDED LEVELS FOR CONSUMPTION.
TAMPA BAY	1558I	OLD TAMPA BAY	COLIFORMS - SHELLFISH	EXCEEDS SEAS THRESHOLDS	MEDIUM	2008	LISTED DUE TO DOWNGRADE IN SHELLFISH HARVESTING CLASSIFICATION.
TAMPA BAY	1558I	OLD TAMPA BAY	MERCURY-FISH	LESS THAN CURRENT CRITERION (0.025 UG/L)	LOW	2011	AGE OF DATA VERIFIED TO BE WITHIN LAST 7.5 YEARS. NUMERIC CRITERION IS INADEQUATE BECAUSE MERCURY IS ACCUMULATING IN THE FOOD CHAIN SUCH THAT FISH TISSUE MERCURY LEVELS EXCEED RECOMMENDED LEVELS FOR CONSUMPTION.
TAMPA BAY	1563	CHANNEL G	NUTRIENTS (CHL A)	TN = 1.13 MG/L	MEDIUM	2008	AS NOTED IN THE DEPARTMENT'S OCTOBER 1 SUBMITTAL TO EPA, THIS WATER SHOULD HAVE BEEN INCLUDED IN THE ORIGINAL ORDER ADOPTED BY THE SECRETARY BUT WAS INADVERTENTLY LEFT OFF THE LIST. NITROGEN IS LIMITING NUTRIENT.
TAMPA BAY	1563	CHANNEL G	DISSOLVED OXYGEN	< 4.0 MG/L, AND LESS THAN 5.0 MG/L AS DAILY AVERAGE	LOW	2008	LINKED TO NUTRIENTS.
TAMPA BAY	1569	BISHOP CREEK	COLIFORMS (FECAL COLIFORM)	> 800 PER 100 ML	LOW	2008	
TAMPA BAY	1569	BISHOP CREEK	COLIFORMS (TOTAL COLIFORM)	> 2400 PER ML	LOW	2008	
TAMPA BAY	1570A	SWEETWATER CREEK TIDAL - LOWER	DISSOLVED OXYGEN	< 4.0 MG/L, AND LESS THAN 5.0 MG/L AS DAILY AVERAGE	HIGH	2003	FOR THE 1998 303(D) ANALYSIS THE STATION DATA WERE INCORRECTLY ASSIGNED TO WBID 1601. LOW DO LINKED TO NUTRIENTS.
TAMPA BAY	1570A	SWEETWATER CREEK TIDAL - LOWER	COLIFORMS (FECAL COLIFORM)	> 800 PER 100 ML	HIGH	2003	FOR THE 1998 303(D) ANALYSIS THE STATION DATA WERE INCORRECTLY ASSIGNED TO WBID 1601.
TAMPA BAY	1570A	SWEETWATER CREEK TIDAL - LOWER	COLIFORMS (TOTAL COLIFORM)	> 2400 PER ML	HIGH	2003	FOR THE 1998 303(D) ANALYSIS THE STATION DATA WERE INCORRECTLY ASSIGNED TO WBID 1601.
TAMPA BAY	1570A	SWEETWATER CREEK TIDAL - LOWER	NUTRIENTS (CHLOROPHYLL)	MEDIAN TN = 1.21 MG/L	HIGH	2003	NITROGEN IS LIMITING NUTRIENT. FOR THE 1998 303(D) ANALYSIS THE STATION DATA WERE INCORRECTLY ASSIGNED TO WBID 1601.
TAMPA BAY	1570A	SWEETWATER CREEK TIDAL - LOWER	NUTRIENTS (HISTORIC CHLOROPHYLL)	MEDIAN TN = 1.21 MG/L	HIGH	2003	NITROGEN IS LIMITING NUTRIENT. FOR THE 1998 303(D) ANALYSIS THE STATION DATA WERE INCORRECTLY ASSIGNED TO WBID 1601.
TAMPA BAY	1574	ALLIGATOR CREEK	NUTRIENTS (CHL A)	TN = 1.03 MG/L TP = 0.14 MG/L	MEDIUM	2008	AS NOTED IN THE DEPARTMENT'S OCTOBER 1 SUBMITTAL TO EPA, THIS WATER SHOULD HAVE BEEN INCLUDED IN THE ORIGINAL ORDER ADOPTED BY THE SECRETARY BUT WAS INADVERTENTLY LEFT OFF THE LIST. NITROGEN AND PHOSPHORUS ARE LIMITING NUTRIENTS.
TAMPA BAY	1574A	ALLIGATOR LAKE	NUTRIENTS (HIST. CHL A)	TN = 0.67 MG/L TP = 0.14 MG/L	MEDIUM	2008	AS NOTED IN THE DEPARTMENT'S OCTOBER 1 SUBMITTAL TO EPA, THIS WATER SHOULD HAVE BEEN INCLUDED IN THE ORIGINAL ORDER ADOPTED BY THE SECRETARY BUT WAS INADVERTENTLY LEFT OFF THE LIST. NITROGEN AND PHOSPHORUS ARE LIMITING NUTRIENTS.
TAMPA BAY	1574A	ALLIGATOR LAKE	DISSOLVED OXYGEN	< 4.0 MG/L, AND LESS THAN 5.0 MG/L AS DAILY AVERAGE	LOW	2008	LINKED TO NUTRIENTS.

BASIN	WBID[1]	WATER SEGMENT NAME	PARAMETERS IDENTIFIED USING THE IMPAIRED WATERS RULE	CONCENTRATIONS CAUSING IMPAIRMENT[2]	PRIORITY FOR TMDL DEVELOPMENT[3]	PROJECTED YEAR FOR TMDL DEVELOPMENT	COMMENTS
TAMPA BAY	1574A	ALLIGATOR LAKE	NUTRIENTS (CHLOROPHYLL)	MEDIAN TN = 0.67 MG/L; MEDIAN TP = 0.14 MG/L	LOW	2008	NITROGEN AND PHOSPHORUS ARE LIMITING NUTRIENTS.
TAMPA BAY	1575	MULLET CREEK	COLIFORMS (FECAL COLIFORM)	> 800 PER 100 ML	LOW	2008	
TAMPA BAY	1575	MULLET CREEK	COLIFORMS (TOTAL COLIFORM)	> 2400 PER ML	LOW	2008	
TAMPA BAY	1584B	MCKAY BAY	DISSOLVED OXYGEN	< 5.0 MG/L	HIGH	2003	LINKED TO NUTRIENTS.
TAMPA BAY	1584B	MCKAY BAY	NUTRIENTS (CHLOROPHYLL)	MEDIAN TN = 0.80 MG/L	HIGH	2003	NITROGEN IS LIMITING NUTRIENT.
TAMPA BAY	1584B	MCKAY BAY	NUTRIENTS (HISTORIC CHLOROPHYLL)	MEDIAN TN = 0.80 MG/L	HIGH	2003	NITROGEN IS LIMITING NUTRIENT.
TAMPA BAY	1584B	MCKAY BAY	MERCURY-FISH	LESS THAN CURRENT CRITERION (0.025 UG/L)	HIGH	2011	AGE OF DATA VERIFIED TO BE WITHIN LAST 7.5 YEARS. NUMERIC CRITERION IS INADEQUATE BECAUSE MERCURY IS ACCUMULATING IN THE FOOD CHAIN SUCH THAT FISH TISSUE MERCURY LEVELS EXCEED RECOMMENDED LEVELS FOR CONSUMPTION.
TAMPA BAY	1603C	BECKETT LAKE - OPEN WATER	NUTRIENTS (TSI)	MEDIAN TN = 0.87 MG/L; MEDIAN TP = 0.06 MG/L	MEDIUM	2008	NITROGEN AND PHOSPHORUS ARE LIMITING NUTRIENTS.
TAMPA BAY	1604	ALLEN CREEK	NUTRIENTS (CHLOROPHYLL)	MEDIAN TN = 1.05 MG/L			NITROGEN IS LIMITING NUTRIENT.
TAMPA BAY	1605	DELANEY CREEK	COLIFORMS (FECAL COLIFORM)	> 800 PER 100 ML	HIGH	2003	
TAMPA BAY	1605	DELANEY CREEK	COLIFORMS (TOTAL COLIFORM)	> 2400 PER ML	HIGH	2003	
TAMPA BAY	1605	DELANEY CREEK	DISSOLVED OXYGEN	< 5.0 MG/L	HIGH	2003	LINKED TO NUTRIENTS.
TAMPA BAY	1605	DELANEY CREEK	LEAD	> E(1.273[LNH]-4.705)	HIGH	2003	
TAMPA BAY	1605D	DELANEY CREEK TIDAL	LEAD	> 5.6 UG/L	MEDIUM	2008	
TAMPA BAY	1605D	DELANEY CREEK TIDAL	COLIFORMS (FECAL COLIFORM)	> 800 PER 100 ML	MEDIUM	2008	
TAMPA BAY	1605D	DELANEY CREEK TIDAL	COLIFORMS (TOTAL COLIFORM)	> 2400 PER ML	MEDIUM	2008	
TAMPA BAY	1605D	DELANEY CREEK TIDAL	DISSOLVED OXYGEN	< 4.0 MG/L, AND LESS THAN 5.0 MG/L AS DAILY AVERAGE	MEDIUM	2008	LINKED TO NUTRIENTS.
TAMPA BAY	1605D	DELANEY CREEK TIDAL	NUTRIENTS (CHLOROPHYLL)	MEDIAN TN = 2.33 MG/L	MEDIUM	2008	NITROGEN IS LIMITING NUTRIENT.
TAMPA BAY	1624	DIRECT RUNOFF TO BAY	COLIFORMS (FECAL COLIFORM)	> 800 PER 100 ML	HIGH	2003	
TAMPA BAY	1624	DIRECT RUNOFF TO BAY	COLIFORMS (TOTAL COLIFORM)	> 2400 PER ML	HIGH	2003	
TAMPA BAY	1624	DIRECT RUNOFF TO BAY	DISSOLVED OXYGEN	< 4.0 MG/L, AND LESS THAN 5.0 MG/L AS DAILY AVERAGE	HIGH	2003	LINKED TO NUTRIENTS.
TAMPA BAY	1625	CROSS CANAL (NORTH)	NUTRIENTS (CHL A)	TN = 1.06 MG/L	MEDIUM	2008	AS NOTED IN THE DEPARTMENT'S OCTOBER 1 SUBMITTAL TO EPA, THIS WATER SHOULD HAVE BEEN INCLUDED IN THE ORIGINAL ORDER ADOPTED BY THE SECRETARY BUT WAS INADVERTENTLY LEFT OFF THE LIST. NITROGEN IS LIMITING NUTRIENT.
TAMPA BAY	1625	CROSS CANAL (NORTH)	COLIFORMS (FECAL COLIFORM)	> 800 PER 100 ML	LOW	2008	
TAMPA BAY	1625	CROSS CANAL (NORTH)	DISSOLVED OXYGEN	< 4.0 MG/L, AND LESS THAN 5.0 MG/L AS DAILY AVERAGE	LOW	2008	LINKED TO NUTRIENTS.
TAMPA BAY	1627	LONG BRANCH	COLIFORMS (FECAL COLIFORM)	> 800 PER 100 ML	HIGH	2003	
TAMPA BAY	1627	LONG BRANCH	COLIFORMS (TOTAL COLIFORM)	> 2400 PER ML	HIGH	2003	
TAMPA BAY	1627	LONG BRANCH	DISSOLVED OXYGEN	< 5.0 MG/L	HIGH	2003	LINKED TO NUTRIENTS AND BOD.

BASIN	WBID[1]	WATER SEGMENT NAME	PARAMETERS IDENTIFIED USING THE IMPAIRED WATERS RULE	CONCENTRATIONS CAUSING IMPAIRMENT[2]	PRIORITY FOR TMDL DEVELOPMENT[3]	PROJECTED YEAR FOR TMDL DEVELOPMENT	COMMENTS
TAMPA BAY	1637	BLACK POINT CHANNEL	DISSOLVED OXYGEN	< 4.0 MG/L, AND LESS THAN 5.0 MG/L AS DAILY AVERAGE	LOW	2008	THIS SEGMENT WAS LISTED ON THE 1998 303(D) LIST; HOWEVER, IT WAS NOT ASSESSED IN THE 1996 305(B) REPORT. LINKED TO NUTRIENTS.
TAMPA BAY	1666	BULLFROG CREEK	COLIFORMS (FECAL COLIFORM)	> 800 PER 100 ML	MEDIUM	2008	
TAMPA BAY	1666	BULLFROG CREEK	COLIFORMS (TOTAL COLIFORM)	> 2400 PER ML	MEDIUM	2008	
TAMPA BAY	1666A	BULLFROG CREEK	NUTRIENTS (CHL A)	TN = 1.28 MG/L	MEDIUM	2008	AS NOTED IN THE DEPARTMENT'S OCTOBER 1 SUBMITTAL TO EPA, THIS WATER SHOULD HAVE BEEN INCLUDED IN THE ORIGINAL ORDER ADOPTED BY THE SECRETARY BUT WAS INADVERTENTLY LEFT OFF THE LIST. NITROGEN IS LIMITING NUTRIENT.
TAMPA BAY	1666A	BULLFROG CREEK	COLIFORMS (TOTAL COLIFORM)	> 2400 PER ML	LOW	2008	
TAMPA BAY	1666A	BULLFROG CREEK	DISSOLVED OXYGEN	< 4.0 MG/L, AND LESS THAN 5.0 MG/L AS DAILY AVERAGE	LOW	2008	LINKED TO NUTRIENTS.
TAMPA BAY	1683	SMACKS BAYOU	NUTRIENTS (CHL A)	TN = 0.76 MG/L	MEDIUM	2008	AS NOTED IN THE DEPARTMENT'S OCTOBER 1 SUBMITTAL TO EPA, THIS WATER SHOULD HAVE BEEN INCLUDED IN THE ORIGINAL ORDER ADOPTED BY THE SECRETARY BUT WAS INADVERTENTLY LEFT OFF THE LIST. NITROGEN IS LIMITING NUTRIENT.
TAMPA BAY	1683	SMACKS BAYOU	COLIFORMS (FECAL COLIFORM)	> 800 PER 100 ML	LOW	2008	
TAMPA BAY	1700	COFFEEPOT BAYOU	NUTRIENTS (CHL A)	TN = 1.00 MG/L	MEDIUM	2008	AS NOTED IN THE DEPARTMENT'S OCTOBER 1 SUBMITTAL TO EPA, THIS WATER SHOULD HAVE BEEN INCLUDED IN THE ORIGINAL ORDER ADOPTED BY THE SECRETARY BUT WAS INADVERTENTLY LEFT OFF THE LIST. NITRGEN IS LIMITING NUTRIENT.
TAMPA BAY	1700	COFFEEPOT BAYOU	COLIFORMS (FECAL COLIFORM)	> 800 PER 100 ML	LOW	2008	
TAMPA BAY	1709D	LITTLE BAYOU - BASIN Q	COLIFORMS (FECAL COLIFORM)	> 800 PER 100 ML	MEDIUM	2008	
TAMPA BAY	1709D	LITTLE BAYOU - BASIN Q	DISSOLVED OXYGEN	< 4.0 MG/L, AND LESS THAN 5.0 MG/L AS DAILY AVERAGE	MEDIUM	2008	LINKED TO NUTRIENTS.
TAMPA BAY	1709D	LITTLE BAYOU - BASIN Q	NUTRIENTS (CHLOROPHYLL)	MEDIAN TN = 1.11 MG/L	MEDIUM	2008	NITROGEN IS LIMITING NUTRIENT.
TAMPA BAY	1778	COCKROACH BAY	MERCURY-FISH	LESS THAN CURRENT CRITERION (0.025 UG/L)	LOW	2011	HAS CONTAMINATED SEDIMENTS - ONGOING RESTORATION EFFORT. AGE OF DATA VERIFIED TO BE WITHIN LAST 7.5 YEARS. NUMERIC CRITERION IS INADEQUATE BECAUSE MERCURY IS ACCUMULATING IN THE FOOD CHAIN SUCH THAT FISH TISSUE MERCURY LEVELS EXCEED RECOMMENDED LEVELS FOR CONSUMPTION.
TAMPA BAY	1778	COCKROACH BAY	NUTRIENTS (CHL A)	TN = 1.16 MG/L	MEDIUM	2008	AS NOTED IN THE DEPARTMENT'S OCTOBER 1 SUBMITTAL TO EPA, THIS WATER SHOULD HAVE BEEN INCLUDED IN THE ORIGINAL ORDER ADOPTED BY THE SECRETARY BUT WAS INADVERTENTLY LEFT OFF THE LIST. NITROGEN IS LIMITING NUTRIENT.
TAMPA BAY	1778	COCKROACH BAY	DISSOLVED OXYGEN	< 4.0 MG/L, AND LESS THAN 5.0 MG/L AS DAILY AVERAGE	LOW	2008	LINKED TO NUTRIENTS AND BOD.
TAMPA BAY	1778	COCKROACH BAY	COLIFORMS - SHELLFISH	EXCEEDS SEAS THRESHOLDS			LISTED DUE TO DOWNGRADE IN SHELLFISH HARVESTING CLASSIFICATION.
TAMPA BAY	1797B	BISHOPS HARBOR	MERCURY-FISH	LESS THAN CURRENT CRITERION (0.025 UG/L)	LOW	2011	AGE OF DATA VERIFIED TO BE WITHIN LAST 7.5 YEARS. NUMERIC CRITERION IS INADEQUATE BECAUSE MERCURY IS ACCUMULATING IN THE FOOD CHAIN SUCH THAT FISH TISSUE MERCURY LEVELS EXCEED RECOMMENDED LEVELS FOR CONSUMPTION.
TAMPA BAY	1797B	BISHOPS HARBOR	COLIFORMS - SHELLFISH	EXCEEDS SEAS THRESHOLDS			LISTED DUE TO DOWNGRADE IN SHELLFISH HARVESTING CLASSIFICATION.
TAMPA BAY	8999	FLORIDA GULF COAST	MERCURY-FISH	LESS THAN CURRENT CRITERION (0.025 UG/L)	LOW	2011	CONFIRMED RECENT DATA FOR COASTAL FISH ADVISORY FOR MACKEREL. INCLUDES NEARSHORE AREAS IN 8049.

1 WBID = **W**ater**B**ody **ID**entification Number

2 FOR NUTRIENTS, THESE ARE MEDIAN CONCENTRATIONS CALCULATED FROM DATA GENERATED FROM 1995 THROUGH JUNE, 2002. THE SPECIFIC CONCENTRATION OF NUTRIENTS CAUSING THE IMPAIRMENT IS UNKNOWN.

3 PRIORITIES WERE RETAINED FROM THE 1998 303(D) LIST (I.E., HIGH OR LOW), BUT HIGH, MEDIUM AND LOW ARE USED FOR NEWLY LISTED WATERS IDENTIFIED UNDER THE IWR.

Appendix 7-3. Available Water Quality Data for Sweetwater Creek Watershed

WBODYID	WATERBODYNAME	STATIONID	DATASOURCE	RCH_CODE	SAMPLE_DATE	TSI	BOD5_MGL	CHLA_UGL	CU_UGL	DO_MGL	FCOLI_100ML	NH3_UGL	PB_UGL	PH	TCOLI_100ML	TN_UGL	TP_UGL	TSS_MGL	ZN_UGL
5638	AVIS LAKE	5638	HCEPC_WQ_REPORTS	03100206020892	2/11/1992														
5638	AVIS LAKE	5638	HCEPC_WQ_REPORTS	03100206020892	5/18/1990											1880	120		
5177	BAY LAKE	5177	HCEPC_WQ_REPORTS		12/28/1993		2.9				10				80		10		
5177	BAY LAKE	Bay-Hillsborough	LAKEWATCH_SUPP		11/14/2001	58.52585297		28.2						7.5		1100	25		
5177	BAY LAKE	Bay-Hillsborough	LAKEWATCH_V		4/16/2002	46.38617173		13								903.3333333	14.33333333		
5177	BAY LAKE	Bay-Hillsborough	LAKEWATCH_V		3/15/2002	42.06550714		7								876.6666667	14.5		
5177	BAY LAKE	Bay-Hillsborough	LAKEWATCH_V		1/18/2002	54.21678291		15.5								916.6666667	25		
5177	BAY LAKE	Bay-Hillsborough	LAKEWATCH_V		12/17/2001	59.92322414		29								923.3333333	27.66666666		
5177	BAY LAKE	Bay-Hillsborough	LAKEWATCH_V		11/14/2001	59.22872504		32.5								920	24.33333333		
5177	BAY LAKE	Bay-Hillsborough	LAKEWATCH_V		7/20/1999	51.28493887		15.5								770	19.5		
5177	BAY LAKE	Bay-Hillsborough	LAKEWATCH_V		6/23/1999	54.56328163		18								796.6666667	23.5		
5177	BAY LAKE	Bay-Hillsborough	LAKEWATCH_V		5/19/1999	51.60818375		14.5								813.3333333	28.5		
5177	BAY LAKE	Bay-Hillsborough	LAKEWATCH_V		4/13/1999	51.90189005		14.5								840	29.33333333		
5177	BAY LAKE	Bay-Hillsborough	LAKEWATCH_V		3/19/1999	48.16725259		9.5								763.3333333	28		
5177	BAY LAKE	Bay-Hillsborough	LAKEWATCH_V		2/20/1999	50.3363998		11.5								746.6666667	34		
5177	BAY LAKE	Bay-Hillsborough	LAKEWATCH_V		1/20/1999	50.0192533		12								790	28		
5177	BAY LAKE	Bay-Hillsborough	LAKEWATCH_V		12/17/1998	56.66513202		20								803.3333333	26.33333333		
5177	BAY LAKE	Bay-Hillsborough	LAKEWATCH_V		11/13/1998	50.5591996		11.5								666.6666667	22		
5177	BAY LAKE	Bay-Hillsborough	LAKEWATCH_V		10/12/1998	50.4133384		17.5								633.3333333	21.5		
5177	BAY LAKE	STA-41	LEGACY_SWFWMD_WQ		1/30/2001			7.765		9.26	2				70		43	4.5	
5177	BAY LAKE	STA-41	LEGACY_SWFWMD_WQ		7/27/2000			24.25		8.76							29	5.6	
5177	BAY LAKE	Bay Lake	SWFWMD_KenRomie_WQ		3/5/1998	47.93394706		15						7.1		470	22		
5177	BAY LAKE	Bay Lake	SWFWMD_KenRomie_WQ		8/7/1997	42.99084533		9.52						7.7		600	13		
5177	BAY LAKE	Bay Lake	SWFWMD_KenRomie_WQ		1/23/1995	54.93366346		12.7						7.6		920	30		
5177	BAY LAKE	Bay Lake	SWFWMD_KenRomie_WQ		7/28/1994	53.17970025		31						7.9		2330	15		
5358	BIRD LAKE	5358	HCEPC_WQ_REPORTS		6/14/1990						4000	90			4000	600	20		
5358	BIRD LAKE	Byrd-Hillsborough	LAKEWATCH_SUPP		2/25/2000	57.21980441		17.1						7.5		1110	53		
5358	BIRD LAKE	Byrd-Hillsborough	LAKEWATCH_V		4/1/2000	56.3325233		19.5								943.3333333	26		
5358	BIRD LAKE	Byrd-Hillsborough	LAKEWATCH_V		2/25/2000	56.42800431		17								1080	28.5		
5358	BIRD LAKE	280610082284100	USGS_NWIS		1/19/2000														
5358	BIRD LAKE	280610082284100	USGS_NWIS		7/6/1999														
5194	BOAT LAKE	Boot-Hillsborough	LAKEWATCH_SUPP		7/11/2001	48.66634766		14.9						6.6		960	16		
5194	BOAT LAKE	Boot-Hillsborough	LAKEWATCH_SUPP		5/19/1997	38.95702054		4.3						7.5		500	15		
5194	BOAT LAKE	Boot-Hillsborough	LAKEWATCH_V		7/25/2004	40.79387757		8								606.6666667	12		
5194	BOAT LAKE	Boot-Hillsborough	LAKEWATCH_V		6/20/2004	38.35435539		5								583.3333333	13		
5194	BOAT LAKE	Boot-Hillsborough	LAKEWATCH_V		5/18/2004	35.55088497		3								500	14		
5194	BOAT LAKE	Boot-Hillsborough	LAKEWATCH_V		4/15/2004	38.82215054		4.5								470	20		
5194	BOAT LAKE	Boot-Hillsborough	LAKEWATCH_V		3/6/2004	38.35435539		5								490	13		
5194	BOAT LAKE	Boot-Hillsborough	LAKEWATCH_V		1/4/2004	50.70419611		13								733.3333333	20.66666666		
5194	BOAT LAKE	Boot-Hillsborough	LAKEWATCH_V		10/19/2003	50.77961314		19								713.3333333	16.5		
5194	BOAT LAKE	Boot-Hillsborough	LAKEWATCH_V		9/23/2003	43.50009831		14.5								523.3333333	10.5		
5194	BOAT LAKE	Boot-Hillsborough	LAKEWATCH_V		8/3/2003	48.45409014		17								620	14.5		
5194	BOAT LAKE	Boot-Hillsborough	LAKEWATCH_V		6/21/2003	39.30246597		7.5								395	11		
5194	BOAT LAKE	Boot-Hillsborough	LAKEWATCH_V		5/19/2003	33.05743766		3								440	11.33333333		
5194	BOAT LAKE	Boot-Hillsborough	LAKEWATCH_V		5/3/2003	33.2297035		3								390	11.5		
5194	BOAT LAKE	Boot-Hillsborough	LAKEWATCH_V		3/2/2003	41.65142956		7								545	14		
5194	BOAT LAKE	Boot-Hillsborough	LAKEWATCH_V		1/10/2003	44.68189982		12								396.6666667	18.5		
5194	BOAT LAKE	Boot-Hillsborough	LAKEWATCH_V		12/11/2002	46.66344185		14.5								486.6666667	17		
5194	BOAT LAKE	Boot-Hillsborough	LAKEWATCH_V		11/3/2002	48.2177597		14								526.6666667	16		
5194	BOAT LAKE	Boot-Hillsborough	LAKEWATCH_V		9/10/2002	42.96229412		7.5								490	15		
5194	BOAT LAKE	Boot-Hillsborough	LAKEWATCH_V		7/2/2002	51.44530563		20.5								710	16.66666666		
5194	BOAT LAKE	Boot-Hillsborough	LAKEWATCH_V		5/14/2002	37.10113726		4								446.6666667	17.5		
5194	BOAT LAKE	Boot-Hillsborough	LAKEWATCH_V		4/13/2002	37.89985576		4								436.6666667	14.33333333		
5194	BOAT LAKE	Boot-Hillsborough	LAKEWATCH_V		2/23/2002	40.26427333		3.5								623.3333333	19		
5194	BOAT LAKE	Boot-Hillsborough	LAKEWATCH_V		12/30/2001	48.31084959		13.66666666								606.6666667	21		
5194	BOAT LAKE	Boot-Hillsborough	LAKEWATCH_V		12/1/2001	52.22888133		16.5								653.3333333	20.33333333		
5194	BOAT LAKE	Boot-Hillsborough	LAKEWATCH_V		10/29/2001	52.79367934		14								896.6666667	35		
5194	BOAT LAKE	Boot-Hillsborough	LAKEWATCH_V		8/28/2001	45.79515959		10								776.6666667	16		
5194	BOAT LAKE	Boot-Hillsborough	LAKEWATCH_V		7/11/2001	48.18904055		15.5								783.3333333	15		
5194	BOAT LAKE	Boot-Hillsborough	LAKEWATCH_V		12/31/1998	50.12368967		16								783.3333333	17.33333333		
5194	BOAT LAKE	Boot-Hillsborough	LAKEWATCH_V		9/12/1998	48.46106728		14								643.3333333	16.33333333		
5194	BOAT LAKE	Boot-Hillsborough	LAKEWATCH_V		8/8/1998	45.89801854		10.5								610	15.66666666		
5194	BOAT LAKE	Boot-Hillsborough	LAKEWATCH_V		7/4/1998	34.70143628		5.5								550	9		
5194	BOAT LAKE	Boot-Hillsborough	LAKEWATCH_V		3/28/1997	45.42584787		9.5								600	16		
5194	BOAT LAKE	Boot-Hillsborough	LAKEWATCH_V		2/25/1997	26.0204877		1								405	15.33333333		
5194	BOAT LAKE	Boot-Hillsborough	LAKEWATCH_V		11/6/1996	35.71936573		4								416.6666667	14		
5194	BOAT LAKE	Boot-Hillsborough	LAKEWATCH_V		8/26/1996	27.41790971		2								336.6666667	9		
5194	BOAT LAKE	Boot-Hillsborough	LAKEWATCH_V		6/9/1996	30.7726741		3.5								486.6666667	8.5		
5194	BOAT LAKE	280231082290700	USGS_NWIS		1/19/2000														
5194	BOAT LAKE	280231082290700	USGS_NWIS		7/8/1999														
5193	CARROLL COVE LAKE	Carroll Cove-Hillsborough	LAKEWATCH_V		1/19/1999	35.5720698		4.33333333								360	14		
5193	CARROLL COVE LAKE	Carroll Cove-Hillsborough	LAKEWATCH_V		12/21/1998	38.47616325		4.33333333								446.6666667	14.33333333		
5193	CARROLL COVE LAKE	Carroll Cove-Hillsborough	LAKEWATCH_V		8/31/1998	42.69711442		7.5								523.3333333	14.66666666		

5193	CARROLL COVE LAKE	Carroll Cove-Hillsborough	LAKEWATCH_V		7/14/1998	48.08775254		11								566.6666667	18.33333333		
5193	CARROLL COVE LAKE	Carroll Cove-Hillsborough	LAKEWATCH_V		6/15/1998	40.66459646		6								513.3333333	17.33333333		
5193	CARROLL COVE LAKE	Carroll Cove-Hillsborough	LAKEWATCH_V		5/22/1998	44.941269		6.33333333								663.3333333	19.66666666		
5193	CARROLL COVE LAKE	Carroll Cove-Hillsborough	LAKEWATCH_V		4/22/1998	44.59840161		8								573.3333333	23		
5193	CARROLL COVE LAKE	Carroll Cove-Hillsborough	LAKEWATCH_V		3/14/1998	45.56607934		9								550	24.66666666		
5193	CARROLL COVE LAKE	Carroll Cove-Hillsborough	LAKEWATCH_V		2/11/1998	46.61807315		11.33333333								526.6666667	22.66666666		
5193	CARROLL COVE LAKE	Carroll Cove-Hillsborough	LAKEWATCH_V		12/21/1997	48.7290883		14.33333333								450	29.33333333		
5193	CARROLL COVE LAKE	Carroll Cove-Hillsborough	LAKEWATCH_V		11/29/1997	43.78005445		9								506.6666667	18.33333333		
5193	CARROLL COVE LAKE	Carroll Cove-Hillsborough	LAKEWATCH_V		10/10/1997	47.20387225		10.5								550	17.5		
5193	CARROLL COVE LAKE	Carroll Cove-Hillsborough	LAKEWATCH_V		9/17/1997	42.07094975		9.33333333								386.6666667	16		
5193	CARROLL COVE LAKE	Carroll Cove-Hillsborough	LAKEWATCH_V		8/24/1997	43.16208638		8								540	18		
5193	CARROLL COVE LAKE	Carroll Cove-Hillsborough	LAKEWATCH_V		7/13/1997	46.03276795		9.66666666								550	16.66666666		
5193	CARROLL COVE LAKE	Carroll Cove-Hillsborough	LAKEWATCH_V		6/21/1997	41.86878487		6								600	15.66666666		
5193	CARROLL COVE LAKE	Carroll Cove-Hillsborough	LAKEWATCH_V		4/21/1997	35.51029311		3.5								393.3333333	17.5		
5193	CARROLL COVE LAKE	Carroll Cove-Hillsborough	LAKEWATCH_V		3/29/1997	32.78895934		4								203.3333333	16		
5193	CARROLL COVE LAKE	Carroll Cove-Hillsborough	LAKEWATCH_V		2/28/1997	33.20208654		3.33333333								326.6666667	14		
5193	CARROLL COVE LAKE	Carroll Cove-Hillsborough	LAKEWATCH_V		10/30/1996	37.89155097		5								456.6666667	12.5		
5193	CARROLL COVE LAKE	Carroll Cove-Hillsborough	LAKEWATCH_V		8/28/1996	33.52653778		5.66666666								543.3333333	8		
5193	CARROLL COVE LAKE	Carroll Cove-Hillsborough	LAKEWATCH_V		6/14/1996	33.07731738		3.5								533.3333333	10.33333333		
5193	CARROLL COVE LAKE	Carroll Cove-Hillsborough	LAKEWATCH_V		5/9/1996	34.36990015		3								486.6666667	12.66666666		
5187	CARROLL, LAKE	5187	HCEPC_WQ_REPORTS		3/19/1990						70				40				
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		12/13/2004	32.01555493		2								476.6666667	16		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		10/14/2004	42.77935073		7.5								475	21		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		7/21/2004	36.55554938		4.5								366.6666667	16		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		6/26/2004	34.16732255		3.5								410	11.33333333		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		5/23/2004	29.75132877		2								366.6666667	13		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		4/22/2004	25.43746168		1								360	15.33333333		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		3/21/2004	28.1151627		1.5								350	15		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		2/2/2004	30.81255817		2								370	12		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		12/22/2003	33.05718494		2.5								426.6666667	12.66666666		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		11/23/2003	44.00982963		9								490	14.66666666		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		10/5/2003	36.66076986		3.5								443.3333333	14		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		8/29/2003	35.12874858		4								346.6666667	11.33333333		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		7/20/2003	31.79175602		2.5								373.3333333	14		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		6/18/2003	31.81444697		3								320	12.5		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		5/3/2003	32.41919174		2.5								375	12		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		3/18/2003	33.36369569		2.5								510	13		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		2/6/2003	26.58985288		1.5								420	10		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		11/6/2002	34.18991541		3.5								380	13.66666666		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		7/16/2002	27.714513		1.5								370	11		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		5/28/2002	32.05581225		2								543.3333333	13.33333333		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		3/13/2002	29.37924045		1.5								453.3333333	12.66666666		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		1/15/2002	33.73190695		3								453.3333333	12		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		11/11/2001	36.3098991		4								440	15		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		9/27/2001	37.70613394		6								370	13		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		7/28/2001	37.18379775		4								480	16.5		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		5/17/2001	32.22061407		2								396.6666667	20.33333333		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		3/31/2001	32.6883803		2.5								406.6666667	15.5		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		2/22/2001	29.98450133		1.5								486.6666667	13.33333333		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		12/9/2000	36.36500085		3								525	15		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		11/9/2000	37.89155097		5								400	12.5		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		10/7/2000	43.68632257		8								546.6666667	15.33333333		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		8/13/2000	46.10675825		11								513.3333333	15.5		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		6/26/2000	45.75193442		9								535	17		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		5/28/2000	39.28434963		4.5								525	15		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		4/13/2000	32.91427677		2.5								430	15.33333333		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		3/18/2000	36.20403195		3.5								465	17		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		2/14/2000	32.20239799		2								460	13.5		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		1/13/2000	33.05718494		2.5								390	12.66666666		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		12/10/1999	33.44565207		2								460	15		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		11/12/1999	39.97417784		5.5								476.6666667	18.5		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		10/4/1999	45.22762721		10.5								533.3333333	18.66666666		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		7/24/1999	39.94592481		6.5								410	16.66666666		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		6/19/1999	41.46136967		8.5								370	17		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		5/2/1999	36.93842973		3.5								436.6666667	14.33333333		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		1/17/1999	30.50173176		2.5								320	12.5		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		10/31/1998	39.29887414		6.5								405	12		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		8/9/1998	44.55163159		8								526.6666667	16.5		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		6/8/1998	32.74249963		2.5								430	12.33333333		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		5/4/1998	39.15864654		5.5								463.3333333	16		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		3/15/1998	39.82668949		5.5								430	20		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		2/2/1997	33.05718494		2.5								463.3333333	12.66666666		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		10/12/1996	39.29887414		6.5								446.6666667	12		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		8/4/1996	33.26612141		3.5								396.6666667	10.5		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		5/9/1996	31.75706212		2								490	13		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		4/14/1996	29.78582392		2								370	11		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		2/25/1996	26.02806989		2								393.3333333	8		

5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		12/16/1995	30.8435213		2.5								410	10.5		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		10/8/1995	45.05121323		9.5								490	15.5		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		7/4/1995	20.27585564		1								415	7.5		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		5/14/1995	17.64276174		1								405	6		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		3/4/1995	25.984592		1.5								355	9.5		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		1/21/1995	26.05903303		2.5								423.3333333	7		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		10/23/1994	28.48163313		3.5								416.6666667	7		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		9/10/1994	33.25660727		4.5								543.3333333	9		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		6/18/1994	31.86676745		4.5								443.3333333	8		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		5/7/1994	25.26651534		2								460	7.5		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		3/6/1994	28.05590292		2								400	9.5		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		2/5/1994	32.20239799		2								426.6666667	13.5		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		12/17/1993	25.26651534		2								450	7.5		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		11/21/1993	34.77648362		4								440	11		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		10/3/1993	35.16509973		3.5								496.6666667	12.33333333		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		9/10/1993	35.07558529		4.5								446.6666667	10.5		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		8/8/1993	29.86775905		2.5								390	9.66666666		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		7/5/1993	27.41790971		2								440	9		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		5/29/1993	38.25678111		7								555	10.5		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		4/18/1993	31.39245749		2.5								415	11		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		4/2/1993	33.2297035		3								370	11.5		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		2/7/1993	27.63470346		2.5								305	8		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		1/10/1993	32.69039747		3.5								360	10		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		12/13/1992	28.11640299		2.5								370	8.33333333		
5187	CARROLL, LAKE	Carroll-Hillsborough	LAKEWATCH_V		10/31/1992	28.48163313		3.5								420	7		
5187	CARROLL, LAKE	STA-516	LEGACY_SWFWMD_WQ		8/13/2002			3.92		7.3							10	1.2	
5187	CARROLL, LAKE	STA-516	LEGACY_SWFWMD_WQ		1/26/2000			2.37		9.46	20				20		13	1.1	
5187	CARROLL, LAKE	STA-516	LEGACY_SWFWMD_WQ		8/31/1999			8.71		7.72	10				20		18	2.7	
5187	CARROLL, LAKE	Lake Carroll	SWFWMD_KenRomie_WQ		2/26/1997	27.05453023		1.6								340	10		
5187	CARROLL, LAKE	Lake Carroll	SWFWMD_KenRomie_WQ		8/13/1996	33.4148554		4.6						7.3		680	9		
5187	CARROLL, LAKE	02306600	USGS_NWIS		1/26/2000														
5187	CARROLL, LAKE	02306600	USGS_NWIS		8/31/1999														
5187	CARROLL, LAKE	02306600	USGS_NWIS		8/16/1994					11.5				6.5		510	20		
5187	CARROLL, LAKE	02306600	USGS_NWIS		8/12/1993					6.6		10		7.65		660	20		
5187	CARROLL, LAKE	02306600	USGS_NWIS		10/30/1992					7		10		7.55		850	30		
5187	CARROLL, LAKE	02306600	USGS_NWIS		9/25/1992					7.2		10		7.4		550	20		
5187	CARROLL, LAKE	02306600	USGS_NWIS		6/19/1992					7.1		20		8.1		690	50		
5188	CASEY, LAKE	Casey-Hillsborough	LAKEWATCH_SUPP		12/2/1996									7.55		460	10.33333333		
5188	CASEY, LAKE	Casey-Hillsborough	LAKEWATCH_V		11/17/2004	50.42765609		15								773.3333333	18.5		
5188	CASEY, LAKE	Casey-Hillsborough	LAKEWATCH_V		4/24/1999	73.37741562		84.66666666								2270	45		
5188	CASEY, LAKE	Casey-Hillsborough	LAKEWATCH_V		2/26/1999	36.10908161		3								490	20		
5188	CASEY, LAKE	Casey-Hillsborough	LAKEWATCH_V		12/31/1998	50.72799845		19.5								520	24		
5188	CASEY, LAKE	Casey-Hillsborough	LAKEWATCH_V		11/28/1998	50.01852607		13								616.6666667	19.5		
5188	CASEY, LAKE	Casey-Hillsborough	LAKEWATCH_V		9/21/1998	38.92822224		4.5								516.6666667	18.5		
5188	CASEY, LAKE	Casey-Hillsborough	LAKEWATCH_V		4/20/1998	49.75156546		13.33333333								540	33.66666666		
5188	CASEY, LAKE	Casey-Hillsborough	LAKEWATCH_V		1/18/1998	46.76055321		8.5								590	32.33333333		
5188	CASEY, LAKE	Casey-Hillsborough	LAKEWATCH_V		10/25/1997	56.24175599		28.5								710	31.33333333		
5188	CASEY, LAKE	Casey-Hillsborough	LAKEWATCH_V		9/24/1997	49.30155991		11								793.3333333	27.33333333		
5188	CASEY, LAKE	Casey-Hillsborough	LAKEWATCH_V		8/22/1997	50.59148273		12								790	31.66666666		
5188	CASEY, LAKE	Casey-Hillsborough	LAKEWATCH_V		6/29/1997	53.87404567		20.5								803.3333333	27.5		
5188	CASEY, LAKE	Casey-Hillsborough	LAKEWATCH_V		5/19/1997	42.01822299		6								466.6666667	25.66666666		
5188	CASEY, LAKE	Casey-Hillsborough	LAKEWATCH_V		4/21/1997	49.65895742		15.33333333								645	22		
5188	CASEY, LAKE	Casey-Hillsborough	LAKEWATCH_V		3/21/1997	50.65248268		19								525	24.33333333		
5188	CASEY, LAKE	Casey-Hillsborough	LAKEWATCH_V		2/24/1997	32.035982		2								465	16.5		
5188	CASEY, LAKE	Casey-Hillsborough	LAKEWATCH_V		1/25/1997	23.43875965		1								315	11.5		
5188	CASEY, LAKE	Casey-Hillsborough	LAKEWATCH_V		12/23/1996	23.95675897		1.5								360	8		
5188	CASEY, LAKE	Casey-Hillsborough	LAKEWATCH_V		11/20/1996	27.714513		1.5								456.6666667	11		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_SUPP		3/9/1999	63.24313906		32						7		1320	61		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		2/25/2003	66.54770229		40.66666666								1430	78.66666666		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		1/13/2003	58.4131113		22.33333333								1210	41.33333333		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		12/1/2002	51.89236308		12								1185	24		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		11/14/2002	69.95796539		72.66666666								1546.666667	61.33333333		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		10/2/2002	65.1926677		44.33333333								1320	56		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		9/6/2002	61.79978999		32.33333333								1193.333333	49		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		8/6/2002	63.21798494		39.5								1103.333333	53		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		7/1/2002	46.15583705		4.5								1030	42		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		6/2/2002	46.4717627		5.5								1000	34		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		5/3/2002	46.40347733		5								965	40.33333333		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		4/6/2002	46.10185754		4								1133.333333	45		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		3/28/2002	44.59192455		3.5								1120	40.5		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		2/3/2002	68.44721466		63.33333333								1213.333333	71		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		1/12/2002	49.02222048		4.66666666								1200	62.5		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		12/3/2001	50.48439947		5								1320	69.5		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		11/7/2001	46.96015806		3.33333333								1250	64.66666666		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		10/1/2001	56.399986		12.33333333								1276.666667	63.5		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		9/3/2001	55.61077343		14.33333333								1095	50		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		8/1/2001	55.45945431		13								1106.666667	55.66666666		

5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		7/2/2001	57.26360112		16.66666666								1056.666667	58.66666666		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		6/5/2001	54.67923543		11								1123.333333	60		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		5/1/2001	46.9545959		4.5								1100	46.5		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		4/2/2001	49.16358297		6								1105	47.66666666		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		3/2/2001	53.14712629		9.5								1250	48.33333333		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		2/13/2001	57.18698074		17								1083.333333	54.5		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		1/12/2001	46.81843343		4								1245	47.5		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		12/27/2000	43.37739092		3								1150	38.5		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		10/31/2000	47.97981443		5.5								1173.333333	39.66666666		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		10/2/2000	55.43229547		16								1136.666667	39		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		9/1/2000	54.54775242		14.5								1046.666667	41		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		8/2/2000	56.26298574		17.66666666								1046.666667	43.66666666		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		7/1/2000	56.14675191		17								1036.666667	45.66666666		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		6/1/2000	54.26565188		12.5								1065	47.66666666		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		5/2/2000	50.79799035		8								973.3333333	49.66666666		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		4/3/2000	48.22515988		5								1060	54		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		3/1/2000	49.25246155		6.33333333								970	51.33333333		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		2/3/2000	46.50621957		3.5								1083.333333	63.33333333		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		1/4/2000	50.95426224		6								1113.333333	69.5		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		12/4/1999	45.06505354		3.5								983.3333333	51.5		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		11/4/1999	47.04323177		7								853.3333333	31.33333333		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		10/6/1999	50.42438852		8								970	46		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		9/1/1999	50.99032481		9								933.3333333	26.5		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		8/6/1999	54.78852484		19.33333333								886.6666667	33		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		7/2/1999	59.76578877		28.33333333								1100	42.33333333		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		6/1/1999	58.16288242		13.5								1170	38		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		5/4/1999	79.2025019		110.5								1913.333333	62.66666666		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		4/2/1999	40.96263116		3								840	32		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		3/2/1999	48.34653238		7.33333333								826.6666667	24		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		2/2/1999	40.53918177		2.5								845	38.5		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		1/8/1999	55.0305168		18.66666666								880	37		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		12/1/1998	60.58581252		37.66666666								833.3333333	43.66666666		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		11/9/1998	56.4444509		24.33333333								810	36.33333333		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		10/13/1998	56.6214985		27.66666666								715	35.33333333		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		9/2/1998	51.28588501		13.66666666								783.3333333	30.33333333		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		8/5/1998	57.12079492		24.33333333								936.6666667	36		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		7/10/1998	61.93562968		26.5								1050	34.66666666		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		6/2/1998	64.01147449		50								1156.666667	41.5		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		5/11/1998	49.96884996		9								800	42.66666666		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		4/2/1998	56.07152044		20.33333333								826.6666667	43.33333333		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		3/5/1998	49.55648129		8.5								840	40.5		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		2/6/1998	48.69536618		6								973.3333333	49.33333333		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		1/9/1998											963.3333333	56		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		12/2/1997	46.08281967		3								1223.333333	64.5		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		11/4/1997	46.17273876		3.5								1100	58		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		10/7/1997	52.90214266		13.5								925	36.66666666		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		9/8/1997	55.58092989		12.5								1000	32		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		8/1/1997	54.94976341		12.5								1050	30.33333333		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		7/2/1997	51.43734461		8.5								1000	28.5		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		6/6/1997	45.36821954		5.5								900	30		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		5/6/1997	49.90568662		9.5								956.6666667	32		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		3/31/1997	52.32077687		10.5								860	27		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		3/3/1997	49.89121111		8.5								943.3333333	25		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		2/5/1997	52.04193198		6.5								1146.666667	35.33333333		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		1/3/1997	57.24796653		20								1020	27.66666666		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		12/4/1996	54.34676059		13.5								1016.666667	27.5		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		11/6/1996	60.36415454		27								1140	30		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		10/2/1996	51.67021187		12.5								916.6666667	32		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		9/4/1996	57.2956782		20.33333333								1163.333333	27.5		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		8/1/1996	54.32262666		11.66666666								1116.666667	30		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		7/3/1996	50.79199232		8								1120	28		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		6/3/1996	55.16353171		11.5								1093.333333	32.5		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		5/8/1996	68.47818468		43.66666666								1526.666667	44.5		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		4/1/1996	59.99214671		23.66666666								1160	55.5		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		3/1/1996	55.71398831		13.33333333								1190	52.33333333		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		2/1/1996	53.30961297		10								1206.666667	48		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		1/6/1996	61.36765663		33								1150	45		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		12/13/1995	54.88633069		11.5								1295	50.33333333		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		11/1/1995	50.8965992		6.5								1310	51		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		10/2/1995	60.72520012		23.5								1243.333333	33.66666666		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		9/1/1995	63.29297081		37								1370	47.33333333		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		8/5/1995	62.71729352		31.5								1470	33.33333333		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		7/1/1995	53.19229351		11.5								1236.666667	27.5		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		6/1/1995	56.79181367		16								1305	30.5		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		5/1/1995	52.11923252		8								1223.333333	31.33333333		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		4/1/1995	62.95328828		22								1460	42.33333333		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		3/1/1995	60.14974564		15.5								1485	41.33333333		

5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		2/3/1995	54.53607931		7.5								1430	40		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		1/1/1995	50.26898335		5.5								1555	33.66666666		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		12/1/1994	49.4528409		7.5								1630	26		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		10/31/1994	47.65853212		4.5								1603.333333	30.5		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		9/30/1994	62.47126304		32								1400	32.33333333		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		9/1/1994	48.67109815		7.5								1193.333333	24.33333333		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		8/1/1994	43.62350203		4.5								1073.333333	21.66666666		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		7/1/1994	45.04168183		6								1073.333333	20.5		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		6/3/1994	39.91506275		5.5								936.6666667	14		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		5/2/1994	36.09982115		3								910	14.66666666		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		4/8/1994	34.23816976		2.5								905	14		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		2/28/1994	34.78710594		2.5								830	14.66666666		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		2/4/1994	27.16557681		1.5								765	10.5		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		1/12/1994	30.5390031		3.5								756.6666667	8.33333333		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		12/3/1993	32.15623651		3								766.6666667	10.5		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		11/3/1993	33.39949059		3								830	11.66666666		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		10/5/1993	40.05635459		6.33333333								1160	13		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		9/1/1993	42.30642636		7.66666666								936.6666667	14		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		8/4/1993	34.36990015		3								915	12.66666666		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		7/1/1993	35.94469036		5.5								905	10		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		6/1/1993	34.50937549		3.5								910	11.66666666		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		5/4/1993	33.44565207		2								925	15		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		4/6/1993	32.90919606		2								850	14.33333333		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		3/10/1993	36.36500085		3								845	15		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		2/1/1993	35.78629579		3.5								773.3333333	13		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		1/6/1993	34.20720662		2								830	16		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		12/3/1992	37.20368001		2.5								835	18		
5138	CHAPMAN LAKE	Chapman-Hillsborough	LAKEWATCH_V		11/4/1992	39.62628012		3.5								855	18		
5138	CHAPMAN LAKE	STA-339	LEGACY_SWFWMD_WQ		1/30/2001			6.205		9.87	0				6		44	0.7	
5138	CHAPMAN LAKE	STA-339	LEGACY_SWFWMD_WQ		7/27/2000			15.25		6.58							50	2.6	
5138	CHAPMAN LAKE	STA-339	LEGACY_SWFWMD_WQ		2/2/2000			3.205		8.26	0						55	0.7	
5138	CHAPMAN LAKE	STA-339	LEGACY_SWFWMD_WQ		8/19/1999			1		4.97							27	2.9	
5662	DOROTHY, LAKE	Dorothy-Hillsborough	LAKEWATCH_SUPP	03100206020764	5/9/2000	85.61154395		160.2						9.8		3230	86		
5662	DOROTHY, LAKE	Dorothy-Hillsborough	LAKEWATCH_V	03100206020764	9/17/2003	57.47218149		19.5								926.6666667	55.33333333		
5662	DOROTHY, LAKE	Dorothy-Hillsborough	LAKEWATCH_V	03100206020764	2/17/2002	56.34567494		13.66666666								1193.333333	32.33333333		
5662	DOROTHY, LAKE	Dorothy-Hillsborough	LAKEWATCH_V	03100206020764	1/13/2002	48.0061335		7.5								983.3333333	23		
5662	DOROTHY, LAKE	Dorothy-Hillsborough	LAKEWATCH_V	03100206020764	11/29/2001	44.56225392		5								1046.666667	22		
5662	DOROTHY, LAKE	Dorothy-Hillsborough	LAKEWATCH_V	03100206020764	10/1/2001	64.30247512		31								1256.666667	38.5		
5662	DOROTHY, LAKE	Dorothy-Hillsborough	LAKEWATCH_V	03100206020764	4/9/2001	35.81384019		2.5								1410	16		
5662	DOROTHY, LAKE	Dorothy-Hillsborough	LAKEWATCH_V	03100206020764	3/8/2001	20.83123877		0.5								1570	12		
5662	DOROTHY, LAKE	Dorothy-Hillsborough	LAKEWATCH_V	03100206020764	2/6/2001	64.66259784		34								1626.666667	60.33333333		
5662	DOROTHY, LAKE	Dorothy-Hillsborough	LAKEWATCH_V	03100206020764	10/22/2000	61.78207977		22								1160	38.33333333		
5662	DOROTHY, LAKE	Dorothy-Hillsborough	LAKEWATCH_V	03100206020764	9/24/2000	57.56891005		19								1050	29.33333333		
5662	DOROTHY, LAKE	Dorothy-Hillsborough	LAKEWATCH_V	03100206020764	8/15/2000	65.0458402		45								1290	54.33333333		
5662	DOROTHY, LAKE	Dorothy-Hillsborough	LAKEWATCH_V	03100206020764	7/16/2000	72.28038024		69.33333333								2210	74.33333333		
5662	DOROTHY, LAKE	Dorothy-Hillsborough	LAKEWATCH_V	03100206020764	6/21/2000	78.47736787		119.6666667								2756.666667	95.66666666		
5662	DOROTHY, LAKE	Dorothy-Hillsborough	LAKEWATCH_V	03100206020764	5/9/2000											3390	82.33333333		
5155	ELLEN LAKE	STA-882	LEGACY_SWFWMD_WQ		8/13/2002			3.39		4.51							10	0.9	
5155	ELLEN LAKE	STA-882	LEGACY_SWFWMD_WQ		1/26/2000			2.245		5.85	20				140		10	0.6	
5155	ELLEN LAKE	STA-882	LEGACY_SWFWMD_WQ		8/31/1999			4.34			20				80		22	1.1	
5182	ELLEN, LAKE	Ellen-Hillsborough	LAKEWATCH_SUPP		8/5/2002									7		560	16		
5182	ELLEN, LAKE	Ellen-Hillsborough	LAKEWATCH_SUPP		10/23/1996									7.65		725	16		
5182	ELLEN, LAKE	Ellen-Hillsborough	LAKEWATCH_V		8/5/2002	44.98485591		10.5								630	14.5		
5182	ELLEN, LAKE	Ellen-Hillsborough	LAKEWATCH_V		12/3/2000	47.40691111		8.33333333								886.6666667	20.5		
5182	ELLEN, LAKE	Ellen-Hillsborough	LAKEWATCH_V		9/28/2000	48.57106581		12.5								730	17.66666666		
5182	ELLEN, LAKE	Ellen-Hillsborough	LAKEWATCH_V		5/7/2000	50.52775634		12.5								825	28		
5182	ELLEN, LAKE	Ellen-Hillsborough	LAKEWATCH_V		2/4/2000	49.10994306		13								540	30.5		
5182	ELLEN, LAKE	Ellen-Hillsborough	LAKEWATCH_V		12/19/1999	53.05905796		18								766.6666667	29.66666666		
5182	ELLEN, LAKE	Ellen-Hillsborough	LAKEWATCH_V		10/10/1999	52.26027917		18								685	19.33333333		
5182	ELLEN, LAKE	Ellen-Hillsborough	LAKEWATCH_V		9/10/1998	52.6893331		23								620	23.5		
5182	ELLEN, LAKE	Ellen-Hillsborough	LAKEWATCH_V		8/10/1998	52.42224963		15.66666666								715	21.33333333		
5182	ELLEN, LAKE	Ellen-Hillsborough	LAKEWATCH_V		6/10/1998	55.23632009		18.66666666								746.6666667	24.33333333		
5182	ELLEN, LAKE	Ellen-Hillsborough	LAKEWATCH_V		4/10/1998	49.12751421		10.33333333								785	29.33333333		
5182	ELLEN, LAKE	Ellen-Hillsborough	LAKEWATCH_V		3/14/1998	52.08773642		16								740	30		
5182	ELLEN, LAKE	Ellen-Hillsborough	LAKEWATCH_V		1/11/1998	55.13439096		21.66666666								813.3333333	32.66666666		
5182	ELLEN, LAKE	Ellen-Hillsborough	LAKEWATCH_V		11/8/1997	55.47578855		27.33333333								743.3333333	27		
5182	ELLEN, LAKE	Ellen-Hillsborough	LAKEWATCH_V		5/12/1997	41.23637664		6.5								495	18		
5182	ELLEN, LAKE	Ellen-Hillsborough	LAKEWATCH_V		4/8/1997	44.12382709		5.5								766.6666667	20		
5182	ELLEN, LAKE	Ellen-Hillsborough	LAKEWATCH_V		2/11/1997	42.85246536		7								663.3333333	15.5		
5182	ELLEN, LAKE	Ellen-Hillsborough	LAKEWATCH_V		1/5/1997	40.54154467		6								553.3333333	14		
5182	ELLEN, LAKE	Ellen-Hillsborough	LAKEWATCH_V		11/12/1996	48.1945406		11								640	18.5		
5182	ELLEN, LAKE	Ellen-Hillsborough	LAKEWATCH_V		10/5/1996	49.31370067		15.5								730	16.5		
5182	ELLEN, LAKE	STA-32	LEGACY_SWFWMD_WQ		8/13/2002			13.65		6.31							10	2.4	
5182	ELLEN, LAKE	STA-32	LEGACY_SWFWMD_WQ		1/26/2000			12.57		9.04	0				20		27	5.1	
5182	ELLEN, LAKE	STA-32	LEGACY_SWFWMD_WQ		8/31/1999			12.2		7.49	10				30		24	3.4	
5182	ELLEN, LAKE	Lake Ellen	SWFWMD_KenRomie_WQ		3/11/1997	47.14395573		9.1								1140	19		
5182	ELLEN, LAKE	Lake Ellen	SWFWMD_KenRomie_WQ		2/26/1997	37.06087279		3.7								590	14		

5182	ELLEN, LAKE	Lake Ellen	SWFWMD_KenRomie_WQ		1/29/1997	27.76919889		2.1								490	9	
5182	ELLEN, LAKE	Lake Ellen	SWFWMD_KenRomie_WQ		8/29/1996	44.4967826		5.2						6.6		640	39	
5182	ELLEN, LAKE	Lake Ellen	SWFWMD_KenRomie_WQ		8/13/1996	44.12143258		20.35						7.1		1570	9	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_SUPP		10/23/1996									7.6		925	20	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		1/30/2005	49.87676282		8.5								906.6666667	40	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		12/31/2004	49.90900531		9								860	39	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		11/21/2004	57.45163296		21.66666666								1003.333333	43	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		10/16/2004	58.42631983		18								1080	65.33333333	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		8/22/2004	55.71163656		21								836.6666667	37.66666666	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		7/25/2004	53.4300064		15								820	39.66666666	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		6/13/2004	49.10641272		7								820	26.33333333	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		5/8/2004	47.58132093		8.66666666								775	28	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		3/27/2004	53.93360096		13.33333333								906.6666667	47.66666666	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		2/8/2004	47.37549964		4								1076.666667	62.5	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		1/4/2004	61.43473159		32.66666666								963.3333333	56	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		12/7/2003	57.71784601		19								1000	56	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		11/2/2003	67.2957633		58								1046.666667	74.33333333	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		9/20/2003	51.75559824		10.66666666								960	39.66666666	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		8/16/2003	53.32267215		11								1020	49.66666666	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		7/5/2003	48.95237153		8								915	35.66666666	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		6/14/2003	54.73215208		11.5								983.3333333	31.33333333	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		5/4/2003	45.25398417		3.5								1010	29	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		4/6/2003	45.76305743		5.66666666								905	31	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		2/16/2003	53.44986349		11.66666666								1100	43	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		1/11/2003	45.05488579		5								913.3333333	32	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		12/15/2002	41.08833279		2								1240	28.66666666	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		11/10/2002	45.51186355		6								1000	21.33333333	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		10/7/2002	62.4582957		33.33333333								1163.333333	55.33333333	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		9/1/2002	59.37002928		26.33333333								1020	28	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		7/13/2002	50.09098267		11.33333333								853.3333333	21.33333333	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		6/2/2002	43.25472202		4.5								1040	21	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		4/27/2002	46.9858298		6.66666666								930	22.66666666	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		3/17/2002	41.91104368		3								906.6666667	24	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		1/26/2002	40.33537324		3								850	21	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		12/16/2001	47.42065031		6.5								950	34	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		11/24/2001	41.78847175		3.5								870	29	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		11/10/2001	45.87496913		6								856.6666667	22	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		9/23/2001	51.99302811		8								946.6666667	31	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		8/26/2001	50.20175535		8.5								1010	25.66666666	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		7/22/2001	58.84139468		20								1153.333333	31.66666666	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		6/30/2001	57.78673625		14								1133.333333	36	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		6/2/2001	50.87625115		7.5								1063.333333	29.33333333	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		4/27/2001	43.96543252		3.5								1116.666667	26	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		3/3/2001	51.28006064		9.66666666								1040	26	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		1/28/2001	45.31209199		4.5								1116.666667	25	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		12/30/2000	44.46405413		4								826.6666667	25	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		11/26/2000	51.65455517		7.5								1005	31.33333333	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		10/14/2000	42.68851222		3.5								866.6666667	23.33333333	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		8/27/2000	55.82423748		12.5								1005	32.66666666	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		7/4/2000	50.29553415		9.66666666								953.3333333	34	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		6/3/2000	48.77647042		5.5								983.3333333	29.66666666	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		4/23/2000	44.92685855		4								800	26	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		3/26/2000	44.09644475		6								613.3333333	30	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		2/27/2000	45.22560868		4								826.6666667	26.66666666	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		1/29/2000	56.25005992		26.66666666								753.3333333	32.66666666	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		12/19/1999	59.82056752		31								866.6666667	26.33333333	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		10/31/1999	53.87628048		17.33333333								916.6666667	31	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		9/19/1999	52.05898867		10.33333333								895	26.66666666	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		8/21/1999	46.94921855		7.5								823.3333333	28.66666666	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		7/4/1999	49.48861558		9.66666666								845	32.5	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		6/6/1999	49.09897935		9.66666666								833.3333333	30.33333333	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		4/24/1999	48.08858958		9								795	28.66666666	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		3/20/1999	49.24057773		7								816.6666667	52.66666666	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		2/14/1999	48.06065033		7								790	42.33333333	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		1/17/1999	45.95329086		6								840	32	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		12/12/1998	58.22700376		19.66666666								1116.666667	52.66666666	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		10/31/1998	64.90161131		51								1026.666667	55.33333333	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		9/13/1998	61.21368396		40.33333333								895	41.66666666	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		8/9/1998	57.43466393		27.5								873.3333333	34.33333333	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		5/26/1998	50.17433674		12.33333333								796.6666667	27.5	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		4/28/1998	44.88804392		7								670	25.5	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		3/15/1998	68.46681319		79.66666666								1016.666667	60.33333333	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		2/15/1998	42.27624133		4.5								725	26.5	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		1/17/1998	49.36685174		9.5								755	36.66666666	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		12/21/1997	39.91995714		3.5								703.3333333	24.33333333	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		11/17/1997	41.72291801		3.5								730	21.5	
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		10/19/1997	42.88057301		5.5								793.3333333	18	

5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		9/14/1997	42.1172151		6								760	16		
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		8/17/1997	45.42593416		5.5								720	22.33333333		
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		7/13/1997	50.33555669		9.66666666								753.3333333	24		
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		6/15/1997	45.06833104		5.5								790	21.66666666		
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		5/14/1997	46.45127662		6.5								806.6666667	22		
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		4/6/1997	41.73516559		4.5								713.3333333	24		
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		3/9/1997	42.51872512		3.5								763.3333333	23		
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		2/9/1997	44.15592317		4.5								773.3333333	22.66666666		
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		1/25/1997	45.91229606		5								840	24.66666666		
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		1/12/1997	42.07380488		3								775	24.33333333		
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		12/16/1996	43.50262811		3.5								960	25		
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		11/16/1996	51.35567907		9								945	27.33333333		
5108	ESTES, LAKE	Estes-Hillsborough	LAKEWATCH_V		10/20/1996	52.57133522		12.33333333								943.3333333	25		
5108	ESTES, LAKE	STA-883	LEGACY_SWFWMD_WQ		8/15/2002			4.745		4.07							14	0.5	
5108	ESTES, LAKE	STA-883	LEGACY_SWFWMD_WQ		2/2/2000			10.045		7.76	22				152		12	3.2	
5108	ESTES, LAKE	STA-883	LEGACY_SWFWMD_WQ		8/19/1999			4.4235		4.95							21	1.8	
5108	ESTES, LAKE	Lake Estes	SWFWMD_KenRomie_WQ		1/29/1997	30.09316732		2.9								380	9		
5108	ESTES, LAKE	Lake Estes	SWFWMD_KenRomie_WQ		8/29/1996	44.30156093		6.7						7.3		1000	18		
5661	FLEUR DE LIS	Fleur de Lis-Hillsborough	LAKEWATCH_SUPP	03100206020885	5/16/2000	61.75457834		28.7						8.8		1330	52		
5661	FLEUR DE LIS	Fleur de Lis-Hillsborough	LAKEWATCH_V	03100206020885	9/17/2003	43.78160176		16.33333333								1440	10		
5661	FLEUR DE LIS	Fleur de Lis-Hillsborough	LAKEWATCH_V	03100206020885	9/11/2002	47.18499941		10								700	18		
5661	FLEUR DE LIS	Fleur de Lis-Hillsborough	LAKEWATCH_V	03100206020885	5/28/2002	63.72675118		31								1240	36.66666666		
5661	FLEUR DE LIS	Fleur de Lis-Hillsborough	LAKEWATCH_V	03100206020885	3/13/2002	53.57789771		16.5								913.3333333	31.5		
5661	FLEUR DE LIS	Fleur de Lis-Hillsborough	LAKEWATCH_V	03100206020885	1/15/2002	57.21863491		26.33333333								860	23.33333333		
5661	FLEUR DE LIS	Fleur de Lis-Hillsborough	LAKEWATCH_V	03100206020885	8/20/2000	52.67467751		11.66666666								1006.666667	40		
5661	FLEUR DE LIS	Fleur de Lis-Hillsborough	LAKEWATCH_V	03100206020885	6/27/2000	61.09813332		23.33333333								1560	52.5		
5661	FLEUR DE LIS	Fleur de Lis-Hillsborough	LAKEWATCH_V	03100206020885	5/16/2000	64.80877154		30								1263.333333	41		
5180	GEORGE LAKE	George-Hillsborough	LAKEWATCH_SUPP		12/9/1997	45.81961654		8.9						7.4		560	26		
5180	GEORGE LAKE	George-Hillsborough	LAKEWATCH_V		5/16/1998	36.97456362		4.5								423.3333333	12.33333333		
5180	GEORGE LAKE	George-Hillsborough	LAKEWATCH_V		3/7/1998											576.6666667	19.33333333		
5180	GEORGE LAKE	George-Hillsborough	LAKEWATCH_V		1/29/1998	44.72947229		12.33333333								416.6666667	17		
5180	GEORGE LAKE	George-Hillsborough	LAKEWATCH_V		12/14/1997	50.31199301		10.66666666								720	39.5		
5180	GEORGE LAKE	George-Hillsborough	LAKEWATCH_V		10/19/1997	53.91751252		24								656.6666667	18.66666666		
5180	GEORGE LAKE	George-Hillsborough	LAKEWATCH_V		9/8/1997	52.87607189		19.33333333								800	19.5		
5180	GEORGE LAKE	280407082291700	USGS_NWIS		1/19/2000														
5180	GEORGE LAKE	280407082291700	USGS_NWIS		7/8/1999														
5767	JENNETTE, LAKE	Jeanette-Hillsborough	LAKEWATCH_V	03100206020762	9/2/2002	44.4783331		8.33333333								506.6666667	24		
5767	JENNETTE, LAKE	Jeanette-Hillsborough	LAKEWATCH_V	03100206020762	7/22/2002	53.98550997		21.33333333								610	35.5		
5767	JENNETTE, LAKE	Jeanette-Hillsborough	LAKEWATCH_V	03100206020762	5/13/2002	75.4961343		83.5								2286.666667	107.3333333		
5767	JENNETTE, LAKE	Jeanette-Hillsborough	LAKEWATCH_V	03100206020762	3/28/2002	70.37043879		56.33333333								1426.666667	108.3333333		
5767	JENNETTE, LAKE	Jeanette-Hillsborough	LAKEWATCH_V	03100206020762	2/26/2002	60.49309627		26								925	68		
5767	JENNETTE, LAKE	Jeanette-Hillsborough	LAKEWATCH_V	03100206020762	1/15/2002	60.90552268		41								860	39.66666666		
5767	JENNETTE, LAKE	Jeanette-Hillsborough	LAKEWATCH_V	03100206020762	12/10/2001	52.68293286		19								570	34.5		
5185	LIPSEY, LAKE	Lipsey-Hillsborough	LAKEWATCH_V	03100206001491	2/10/2005	49.9749429		11								820	30.5		
5185	LIPSEY, LAKE	Lipsey-Hillsborough	LAKEWATCH_V	03100206001491	1/18/2005	46.50829714		7.5								770	28		
5185	LIPSEY, LAKE	Lipsey-Hillsborough	LAKEWATCH_V	03100206001491	12/3/2004	50.81725623		9.66666666								780	25		
5185	LIPSEY, LAKE	Lipsey-Hillsborough	LAKEWATCH_V	03100206001491	5/19/2004	49.54361446		11								763.3333333	30		
5185	LIPSEY, LAKE	Lipsey-Hillsborough	LAKEWATCH_V	03100206001491	3/11/2004	49.06354344		13								543.3333333	30		
5185	LIPSEY, LAKE	Lipsey-Hillsborough	LAKEWATCH_V	03100206001491	1/28/2004	53.97634455		18.66666666								770	34		
5185	LIPSEY, LAKE	Lipsey-Hillsborough	LAKEWATCH_V	03100206001491	11/20/2003	52.42373292		17								736.6666667	29.5		
5185	LIPSEY, LAKE	Lipsey-Hillsborough	LAKEWATCH_V	03100206001491	10/24/2003	55.93111089		16.33333333								905	28		
5185	LIPSEY, LAKE	Lipsey-Hillsborough	LAKEWATCH_V	03100206001491	9/24/2003			19											
5185	LIPSEY, LAKE	Lipsey-Hillsborough	LAKEWATCH_V	03100206001491	5/27/2003	50.06435974		9								790	24.5		
5185	LIPSEY, LAKE	Lipsey-Hillsborough	LAKEWATCH_V	03100206001491	2/18/2003	55.12492319		15.5								845	27		
5185	LIPSEY, LAKE	Lipsey-Hillsborough	LAKEWATCH_V	03100206001491	1/28/2003	50.41461021		10								866.6666667	23.66666666		
5185	LIPSEY, LAKE	Lipsey-Hillsborough	LAKEWATCH_V	03100206001491	10/29/2002	55.57346111		21.5								813.3333333	36.33333333		
5185	LIPSEY, LAKE	Lipsey-Hillsborough	LAKEWATCH_V	03100206001491	10/2/2002	52.13396899		17.5								750	26		
5185	LIPSEY, LAKE	Lipsey-Hillsborough	LAKEWATCH_V	03100206001491	5/14/2002	48.11150101		8.5								780	21.5		
5185	LIPSEY, LAKE	Lipsey-Hillsborough	LAKEWATCH_V	03100206001491	4/9/2002	55.68967538		14.5								1100	29.5		
5185	LIPSEY, LAKE	Lipsey-Hillsborough	LAKEWATCH_V	03100206001491	3/13/2002	45.58898817		5								853.3333333	24		
5185	LIPSEY, LAKE	Lipsey-Hillsborough	LAKEWATCH_V	03100206001491	2/12/2002	54.23513362		17								740	23.66666666		
5185	LIPSEY, LAKE	Lipsey-Hillsborough	LAKEWATCH_V	03100206001491	12/18/2001	53.46147055		16								713.3333333	23		
5185	LIPSEY, LAKE	Lipsey-Hillsborough	LAKEWATCH_V	03100206001491	11/20/2001	48.55911799		13								656.6666667	22		
5185	LIPSEY, LAKE	Lipsey-Hillsborough	LAKEWATCH_V	03100206001491	10/16/2001	47.31979813		7.33333333								710	22		
5185	LIPSEY, LAKE	Lipsey-Hillsborough	LAKEWATCH_V	03100206001491	9/4/2001	54.97747371		16.5								820	25.66666666		
5185	LIPSEY, LAKE	Lipsey-Hillsborough	LAKEWATCH_V	03100206001491	8/30/2001	55.00898447		18.5								830	24		
5185	LIPSEY, LAKE	Lipsey-Hillsborough	LAKEWATCH_V	03100206001491	4/25/2001	46.39949993		6								700	23		
5185	LIPSEY, LAKE	Lipsey-Hillsborough	LAKEWATCH_V	03100206001491	2/9/2001	46.08462865		6.66666666								800	21		
5185	LIPSEY, LAKE	Lipsey-Hillsborough	LAKEWATCH_V	03100206001491	1/12/2001	38.14818396		2.5								780	19.5		
5185	LIPSEY, LAKE	Lipsey-Hillsborough	LAKEWATCH_V	03100206001491	12/15/2000	48.91707498		12								703.3333333	25		
5185	LIPSEY, LAKE	Lipsey-Hillsborough	LAKEWATCH_V	03100206001491	11/21/2000	51.17424464		10.5								850	24.5		
5185	LIPSEY, LAKE	Lipsey-Hillsborough	LAKEWATCH_V	03100206001491	10/20/2000	48.91232558		9.5								670	21.5		
5185	LIPSEY, LAKE	Lipsey-Hillsborough	LAKEWATCH_V	03100206001491	9/15/2000	46.99779219		12								483.3333333	24.66666666		
5185	LIPSEY, LAKE	Lipsey-Hillsborough	LAKEWATCH_V	03100206001491	5/16/2000	54.12541867		12								900	29		
5185	LIPSEY, LAKE	Lipsey-Hillsborough	LAKEWATCH_V	03100206001491	4/27/2000	53.72514174		12.5								1100	41		
5185	LIPSEY, LAKE	Lipsey-Hillsborough	LAKEWATCH_V	03100206001491	3/23/2000	55.04095604		10.5								1026.666667	34		
5185	LIPSEY, LAKE	Lipsey-Hillsborough	LAKEWATCH_V	03100206001491	2/17/2000	48.50434516		8.5								860	31.5		

5185	LIPSEY, LAKE	Lipsey-Hillsborough	LAKEWATCH_V	03100206001491	1/20/2000	53.60942099		14.5								930	38		
5185	LIPSEY, LAKE	Lipsey-Hillsborough	LAKEWATCH_V	03100206001491	12/10/1999	51.37589773		13.33333333								853.3333333	29.33333333		
5185	LIPSEY, LAKE	Lipsey-Hillsborough	LAKEWATCH_V	03100206001491	11/18/1999	51.94576471		12.33333333								916.6666667	34.66666666		
5185	LIPSEY, LAKE	Lipsey-Hillsborough	LAKEWATCH_V	03100206001491	10/27/1999	47.63655811		9.66666666								730	25.5		
5185	LIPSEY, LAKE	Lipsey-Hillsborough	LAKEWATCH_V	03100206001491	9/9/1999											806.6666667	25		
5185	LIPSEY, LAKE	Lipsey-Hillsborough	LAKEWATCH_V	03100206001491	5/20/1999	49.34866879		9								890	33.33333333		
5185	LIPSEY, LAKE	Lipsey-Hillsborough	LAKEWATCH_V	03100206001491	4/15/1999	50.46892914		10.5								913.3333333	32.5		
5185	LIPSEY, LAKE	Lipsey-Hillsborough	LAKEWATCH_V	03100206001491	3/25/1999	44.67285976		5.5								770	30.5		
5185	LIPSEY, LAKE	Lipsey-Hillsborough	LAKEWATCH_V	03100206001491	2/18/1999	45.95817507		7.5								666.6666667	29		
5185	LIPSEY, LAKE	Lipsey-Hillsborough	LAKEWATCH_V	03100206001491	1/21/1999	45.64442489		8								620	26.5		
5185	LIPSEY, LAKE	Lipsey-Hillsborough	LAKEWATCH_V	03100206001491	12/17/1998	49.45873044		12								690	28.66666666		
5185	LIPSEY, LAKE	Lipsey-Hillsborough	LAKEWATCH_V	03100206001491	11/19/1998	46.49616602		9								690	23.66666666		
5185	LIPSEY, LAKE	Lipsey-Hillsborough	LAKEWATCH_V	03100206001491	10/22/1998	48.60460513		12.33333333								646.6666667	24.5		
5185	LIPSEY, LAKE	Lipsey-Hillsborough	LAKEWATCH_V	03100206001491	7/24/1998	52.24069342		14								1095	22.5		
5175	LITTLE BAY LAKE	5175	HCEPC_WQ_REPORTS		12/28/1993		4.8				190				300		30		
5175	LITTLE BAY LAKE	5175	HCEPC_WQ_REPORTS		6/28/1991						1100				1200				
5178	LITTLE LAKE	Little-Hillsborough	LAKEWATCH_SUPP		3/10/1997	45.44929482		8.25						8.65		573.3333333	26.33333333		
5178	LITTLE LAKE	Little-Hillsborough	LAKEWATCH_V		10/8/1997	53.03055609		22.33333333								666.6666667	24.5		
5178	LITTLE LAKE	Little-Hillsborough	LAKEWATCH_V		9/7/1997	50.28216465		18.66666666								496.6666667	24.5		
5178	LITTLE LAKE	Little-Hillsborough	LAKEWATCH_V		8/8/1997	49.70087793		19.5								490	20.5		
5178	LITTLE LAKE	Little-Hillsborough	LAKEWATCH_V		7/1/1997	43.87455554		9.5								473.3333333	18.5		
5178	LITTLE LAKE	Little-Hillsborough	LAKEWATCH_V		5/31/1997	47.18186204		10.5								633.3333333	23.66666666		
5178	LITTLE LAKE	Little-Hillsborough	LAKEWATCH_V		4/29/1997	54.06370553		20								633.3333333	38.33333333		
5178	LITTLE LAKE	Little-Hillsborough	LAKEWATCH_V		3/27/1997	48.92730264		15.5								436.6666667	28		
5178	LITTLE LAKE	Little-Hillsborough	LAKEWATCH_V		2/28/1997	41.22276126		7								345	23.5		
5178	LITTLE LAKE	Little-Hillsborough	LAKEWATCH_V		1/25/1997	52.19873323		15.5								640	37.66666666		
5178	LITTLE LAKE	Little-Hillsborough	LAKEWATCH_V		12/18/1996	55.09765569		25.66666666								643.3333333	32		
5136	LORD LAKE	Lords-Hillsborough	LAKEWATCH_SUPP		6/18/1997	54.07670891		13.4						7.1		1370	27		
5136	LORD LAKE	Lords-Hillsborough	LAKEWATCH_V		4/19/1998											1086.666667	22.5		
5136	LORD LAKE	Lords-Hillsborough	LAKEWATCH_V		2/14/1998	57.45004549		15.66666666								1146.666667	32.66666666		
5136	LORD LAKE	Lords-Hillsborough	LAKEWATCH_V		1/10/1998	58.21481937		23.33333333								1173.333333	27.33333333		
5136	LORD LAKE	Lords-Hillsborough	LAKEWATCH_V		12/14/1997	48.9730143		8								1100	24		
5136	LORD LAKE	Lords-Hillsborough	LAKEWATCH_V		11/22/1997	45.42593416		5.5								926.6666667	22.33333333		
5136	LORD LAKE	Lords-Hillsborough	LAKEWATCH_V		10/19/1997	62.1285939		41								1190	27		
5168	MAGDALENE, LAKE	5168	HCEPC_WQ_REPORTS		7/18/1990						700				2000				
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		2/24/2005	45.8601939		7								890	20		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		1/21/2005	46.95936707		8.5								843.3333333	19.5		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		12/28/2004	48.64059795		8								760	23.33333333		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		11/29/2004	51.60017597		9.5								863.3333333	27		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		10/26/2004	49.34093039		12								793.3333333	19.33333333		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		9/29/2004	49.62958524		11.5								805	20.33333333		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		8/25/2004	41.97243272		5.5								770	16.66666666		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		7/28/2004	39.22882946		5								726.6666667	14		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		6/22/2004	38.04109555		4.5								896.6666667	13.5		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		5/18/2004	37.20970604		3.5								766.6666667	14.66666666		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		4/23/2004	42.07373721		4.5								650	19		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		3/30/2004	43.51998392		6								686.6666667	23.5		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		2/20/2004	46.27112045		6.5								950	21.66666666		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		1/26/2004	44.75030901		6								1095	20		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		12/24/2003	44.61693982		7								1206.666667	18		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		11/24/2003	48.82927861		11.5								830	19		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		10/18/2003	45.03656388		9								966.6666667	16		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		8/29/2003	44.61693982		7								800	18		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		7/21/2003	34.36990015		3								645	12.66666666		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		6/26/2003	33.73190695		3								646.6666667	12		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		5/22/2003	36.66076986		3.5								750	14		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		3/15/2003	40.54154467		6								710	14		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		1/5/2003	34.23816976		2.5								623.3333333	14		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		12/20/2002	40.54154467		6								630	14		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		11/14/2002	31.39245749		2.5								483.3333333	11		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		10/28/2002	30.26779737		2.5								586.6666667	10		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		9/30/2002	30.33725849		3								523.3333333	9		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		8/23/2002	30.8435213		2.5								523.3333333	10.5		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		7/31/2002	33.07731738		3.5								593.3333333	10.33333333		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		6/30/2002	33.73190695		3								623.3333333	12		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		5/22/2002	35.80321787		4								600	12		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		4/27/2002	34.6764109		3								626.6666667	13		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		3/30/2002	31.91698829		2.5								633.3333333	11.5		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		2/27/2002	33.36369569		2.5								570	13		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		1/23/2002	33.95877639		2								670	15.66666666		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		12/30/2001	34.23816976		2.5								676.6666667	14		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		11/23/2001	37.04647195		4								676.6666667	13.33333333		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		10/25/2001	35.80321787		4								616.6666667	12		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		8/20/2001	35.47978505		3.5								620	12.66666666		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		7/29/2001	36.31883937		4.5								663.3333333	11.66666666		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		6/11/2001	37.04647195		4								653.3333333	13.33333333		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		5/17/2001	35.55088497		3								726.6666667	14		

5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		4/6/2001	46.27112045		6.5								740	21.66666666		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		2/25/2001	40.2552898		4								853.3333333	17.5		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		1/19/2001	44.510747		5.5								843.3333333	20.66666666		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		12/18/2000	42.20610372		5.5								820	17		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		11/18/2000	44.25038866		8.5								853.3333333	15.5		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		10/25/2000	43.72384867		7.5								796.6666667	16		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		9/27/2000	42.31888796		6.5								936.6666667	15.5		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		8/21/2000	42.93683018		6.5								720	16.33333333		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		8/9/2000	39.91506275		5.5								743.3333333	14		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		6/23/2000	36.65125572		4.5								670	12		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		5/19/2000	37.98801006		3.5								890	15.66666666		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		3/31/2000	42.83233292		5								886.6666667	19		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		2/21/2000	39.67956585		4								773.3333333	16.66666666		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		1/22/2000	36.23163166		3.5								673.3333333	13.5		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		12/8/1999	34.50937549		3.5								633.3333333	11.66666666		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		10/25/1999	40.72917864		5.5								703.3333333	15		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		10/9/1999	38.57778427		5.5								645	12.5		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		8/29/1999	37.40985144		5								706.6666667	12		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		7/24/1999	34.22754743		4								733.3333333	10.5		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		5/25/1999	41.04780748		5								753.3333333	16.33333333		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		4/25/1999	41.86878487		6								813.3333333	15.66666666		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		3/20/1999	40.04590418		4.5								646.6666667	16		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		2/27/1999	43.75094607		6.5								700	17.5		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		1/30/1999	45.5417185		9.33333333								740	16.33333333		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		12/19/1998	44.43183361		8								733.3333333	16.33333333		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		11/27/1998	42.31888796		6.5								703.3333333	15.5		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		10/17/1998	46.90504448		11.66666666								620	16		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		9/26/1998	42.97866976		7								553.3333333	15.66666666		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		8/23/1998	37.73315933		5								590	12.33333333		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		7/26/1998	33.81505759		3.5								660	11		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		6/21/1998	37.13295526		4.5								693.3333333	12.5		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		5/30/1998	45.13302997		8								766.6666667	17.33333333		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		4/26/1998	47.96103061		9								790	20.5		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		3/29/1998	47.96103061		9								720	20.5		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		2/21/1998	48.66434022		10.33333333								683.3333333	20		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		1/25/1998	47.06439691		9								845	19		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		1/2/1998	45.2459495		8								826.6666667	17.5		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		11/27/1997	40.11940828		8								656.6666667	11.33333333		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		10/19/1997	38.57778427		5.5								706.6666667	12.5		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		9/21/1997	35.07558529		4.5								686.6666667	10.5		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		8/23/1997	37.59388128		5.5								700	11.5		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		7/13/1997	37.42161544		5.5								825	11.33333333		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		6/21/1997	35.30101442		4								790	11.5		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		5/18/1997	38.88431132		4.5								766.6666667	14.5		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		4/30/1997	38.03627346		4								686.6666667	14.5		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		3/22/1997	38.79969126		5								613.3333333	13.5		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		3/1/1997	36.65125572		4.5								626.6666667	12		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		1/25/1997	32.15623651		3								540	10.5		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		12/28/1996	29.66253649		2.5								516.6666667	9.5		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		11/29/1996	35.80321787		4								626.6666667	12		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		10/29/1996	32.15623651		3								656.6666667	10.5		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		9/21/1996	32.58213799		4.5								540	8.5		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		8/23/1996	29.02454328		2.5								486.6666667	9		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		7/20/1996	25.77573699		1.5								555	9.33333333		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		6/16/1996	30.8435213		2.5								590	10.5		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		5/26/1996	34.09982304		4.5								700	9.66666666		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		4/29/1996	34.33958839		3.5								765	11.5		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		3/24/1996	35.12874858		4								603.3333333	11.33333333		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		2/10/1996	29.66278921		3								600	8.5		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		12/17/1995	33.73190695		3								520	12		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		11/24/1995	35.4749259		2.5								553.3333333	20.33333333		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		10/29/1995	37.89985576		4								556.6666667	14.33333333		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		9/24/1995	33.07731738		3.5								583.3333333	10.33333333		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		9/1/1995	33.45195201		3.5								570	10.66666666		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		7/8/1995	27.63470346		2.5								566.6666667	8		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		6/18/1995	31.44714339		3.5								620	9		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		5/21/1995	31.44714339		3.5								630	9		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		4/9/1995	30.33725849		3								555	9		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		3/12/1995	33.26612141		3.5								573.3333333	10.5		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		2/25/1995	28.44521521		3								550	7.66666666		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		1/21/1995	27.60715906		3.5								560	6.5		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		12/18/1994	40.98852973		5.5								923.3333333	15.33333333		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		11/19/1994	36.90764799		5								586.6666667	11.5		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		10/23/1994	31.01872959		4								603.3333333	8		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		8/28/1994	35.64537697		5								570	10.33333333		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		4/30/1994	30.05730356		3.5								685	8		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		4/2/1994	32.7051727		3								680	11		

5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		2/20/1994	29.4291182		3								706.6666667	8.33333333		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		12/30/1993	22.08866064		2.5								706.6666667	5		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		11/28/1993	33.04656262		4								620	9.5		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		11/5/1993	30.33725849		3								685	9		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		9/26/1993	31.96323353		4								586.6666667	8.66666666		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		8/22/1993	29.03056931		3.5								663.3333333	7.33333333		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		7/31/1993	28.11640299		2.5								630	8.33333333		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		6/27/1993	31.44714339		3.5								680	9		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		5/30/1993	26.02806989		2								663.3333333	8		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		4/25/1993	27.41790971		2								623.3333333	9		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		3/27/1993	22.42725001		1								596.6666667	9		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		2/28/1993	27.63470346		2.5								595	8		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		2/7/1993	27.63470346		2.5								555	8		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		12/20/1992	30.33725849		3								615	9		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		11/29/1992	30.33725849		3								615	9		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		10/31/1992	30.9752517		3								630	9.5		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		9/27/1992	33.25660727		4.5								656.6666667	9		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		8/23/1992	35.80321787		4								663.3333333	12		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		7/26/1992	32.7051727		3								663.3333333	11		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		6/29/1992	39.96582073		6								765	13.33333333		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		5/30/1992	38.35435539		5								773.3333333	13		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		4/30/1992	37.33784478		4								696.6666667	13.66666666		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		3/29/1992	37.73315933		5								670	12.33333333		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		2/29/1992	38.04109555		4.5								640	13.5		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		1/26/1992	35.78629579		3.5								603.3333333	13		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		12/29/1991	37.20970604		3.5								635	14.66666666		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		11/23/1991	35.07558529		4.5								673.3333333	10.5		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		10/19/1991	33.36369569		2.5								616.6666667	13		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		9/29/1991	33.81505759		3.5								613.3333333	11		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		8/31/1991	40.95562224		6								656.6666667	14.5		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		8/2/1991	37.13295526		4.5								670	12.5		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		6/30/1991	33.26612141		3.5								616.6666667	10.5		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		5/27/1991	38.57778427		5.5								645	12.5		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		4/21/1991	41.49073319		5.5								790	16		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		3/24/1991	40.25719355		6								690	13.66666666		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		1/26/1991	39.22882946		5								743.3333333	14		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		12/29/1990	36.90764799		5								750	11.5		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		11/24/1990	37.06935048		5.5								760	11		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		9/30/1990	37.89155097		5								753.3333333	12.5		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		8/26/1990	38.09608473		5.5								650	12		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		7/27/1990	39.28434963		4.5								673.3333333	15		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		6/18/1990	34.6764109		3								700	13		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		5/6/1990	38.43631177		4								703.3333333	15		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		4/1/1990	35.32349138		3.5								595	12.5		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		3/4/1990	35.32349138		3.5								600	12.5		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		1/28/1990	31.39245749		2.5								576.6666667	11		
5168	MAGDALENE, LAKE	Magdalene-Hillsborough	LAKEWATCH_V		1/1/1990	31.39245749		2.5								623.3333333	11		
5168	MAGDALENE, LAKE	STA-364	LEGACY_SWFWMD_WQ		8/12/2002			3.9		7.54							10	1.4	
5168	MAGDALENE, LAKE	STA-364	LEGACY_SWFWMD_WQ		1/26/2000			3.595		9.34	100				200		10	1.4	
5168	MAGDALENE, LAKE	STA-364	LEGACY_SWFWMD_WQ		8/31/1999			5.5		7.29	0				10		18	2.1	
5168	MAGDALENE, LAKE	Lake Magdalene	SWFWMD_KenRomie_WQ		2/26/1997	22.42725001		1								590	9		
5168	MAGDALENE, LAKE	Lake Magdalene	SWFWMD_KenRomie_WQ		8/13/1996	32.41919174		2.5								1320	12		
5367	PLATT LAKE	5367	HCEPC_WQ_REPORTS		6/25/1990		1				180				80				
5367	PLATT LAKE	Platt-Hillsborough	LAKEWATCH_SUPP		11/14/2001	57.6135788		21.9						7.3		980	27		
5367	PLATT LAKE	Platt-Hillsborough	LAKEWATCH_SUPP		4/17/1995	27.59569652		2.05						7.4		500	9		
5367	PLATT LAKE	Platt-Hillsborough	LAKEWATCH_V		4/13/2003	51.52759072		16.5								710	26.5		
5367	PLATT LAKE	Platt-Hillsborough	LAKEWATCH_V		2/16/2003	56.17101808		20.33333333								966.6666667	25		
5367	PLATT LAKE	Platt-Hillsborough	LAKEWATCH_V		12/15/2002	49.2816373		10								1075	21.5		
5367	PLATT LAKE	Platt-Hillsborough	LAKEWATCH_V		9/14/2002	56.12146823		24								943.3333333	22.5		
5367	PLATT LAKE	Platt-Hillsborough	LAKEWATCH_V		7/6/2002	45.25493303		7								706.6666667	19		
5367	PLATT LAKE	Platt-Hillsborough	LAKEWATCH_V		5/30/2002	43.13884366		5								686.6666667	19.5		
5367	PLATT LAKE	Platt-Hillsborough	LAKEWATCH_V		3/16/2002	44.90389656		8								646.6666667	17		
5367	PLATT LAKE	Platt-Hillsborough	LAKEWATCH_V		2/24/2002	51.16296085		15.5								726.6666667	26.33333333		
5367	PLATT LAKE	Platt-Hillsborough	LAKEWATCH_V		1/19/2002	50.79205744		15								733.3333333	25.33333333		
5367	PLATT LAKE	Platt-Hillsborough	LAKEWATCH_V		12/15/2001	59.63838332		27.33333333								886.6666667	28		
5367	PLATT LAKE	Platt-Hillsborough	LAKEWATCH_V		11/14/2001	57.05829309		23								1210	25		
5367	PLATT LAKE	STA-135	LEGACY_SWFWMD_WQ		1/30/2001			9.28		9.94	0				18		24	3	
5367	PLATT LAKE	STA-135	LEGACY_SWFWMD_WQ		7/27/2000			17.25		7.72							22	3.9	
5367	PLATT LAKE	Platt Lake	SWFWMD_KenRomie_WQ		3/5/1998	48.22044127		14.2						7.1		430	28		
5367	PLATT LAKE	Platt Lake	SWFWMD_KenRomie_WQ		8/7/1997	47.50745091		14.1						7.7		540	15		
5367	PLATT LAKE	Platt Lake	SWFWMD_KenRomie_WQ		1/24/1995	32.41919174		2.5						7.7		750	12		
5367	PLATT LAKE	Platt Lake	SWFWMD_KenRomie_WQ		7/28/1994	34.01788791		3.6						7.7		1060	11		
5132	ROCKET, LAKE	Roget-Hillsborough	LAKEWATCH_SUPP		6/18/1997	40.64021826		2.9						7.2		940	22		
5132	ROCKET, LAKE	Roget-Hillsborough	LAKEWATCH_V		6/27/1998			2.5											
5132	ROCKET, LAKE	Roget-Hillsborough	LAKEWATCH_V		4/19/1998	47.62726811		7								923.3333333	32.66666666		
5132	ROCKET, LAKE	Roget-Hillsborough	LAKEWATCH_V		2/14/1998	37.71262775		1.5								946.6666667	25.66666666		
5132	ROCKET, LAKE	Roget-Hillsborough	LAKEWATCH_V		1/10/1998	62.31373903		39.66666666								930	52		

5132	ROCKET, LAKE	Roget-Hillsborough	LAKEWATCH_V		12/14/1997	58.45219742		34.66666666								720	36.66666666		
5132	ROCKET, LAKE	Roget-Hillsborough	LAKEWATCH_V		11/23/1997	58.42014735		35.66666666								780	32		
5132	ROCKET, LAKE	Roget-Hillsborough	LAKEWATCH_V		10/19/1997	43.33793119		4.5								816.6666667	29.33333333		
5132	ROCKET, LAKE	Roget-Hillsborough	LAKEWATCH_V		9/15/1997	43.2038809		5.5								833.3333333	18.5		
5132	ROCKET, LAKE	Roget-Hillsborough	LAKEWATCH_V		8/16/1997	47.77989897		9								776.6666667	27.5		
5132	ROCKET, LAKE	Roget-Hillsborough	LAKEWATCH_V		7/17/1997	52.7552065		11.5								856.6666667	26.5		
5132	ROCKET, LAKE	Roget-Hillsborough	LAKEWATCH_V		6/17/1997	44.73955468		6.33333333								910	19.33333333		
5132	ROCKET, LAKE	Roget-Hillsborough	LAKEWATCH_V		5/18/1997	53.41317452		13								966.6666667	26		
5132	ROCKET, LAKE	Lake Rocket	SWFWMD_KenRomie_WQ		3/5/1998	44.03604548		6.03						6.7		550	33		
5132	ROCKET, LAKE	Lake Rocket	SWFWMD_KenRomie_WQ		8/7/1997	48.16756863		13.1						7.3		600	22		
5132	ROCKET, LAKE	Lake Rocket	SWFWMD_KenRomie_WQ		1/29/1997	41.49073319		5.5								3410	16		
5132	ROCKET, LAKE	Lake Rocket	SWFWMD_KenRomie_WQ		8/29/1996	43.88770419		19.7						7.6		1210	9		
5132	ROCKET, LAKE	Lake Rocket	SWFWMD_KenRomie_WQ		1/23/1995	40.3875628		2						7.4		940	47		
5132	ROCKET, LAKE	Lake Rocket	SWFWMD_KenRomie_WQ		7/28/1994	39.08336997		4.9						7.2		2060	14		
5649	STALL, LAKE	Stall-Hillsborough	LAKEWATCH_SUPP	03100206020886	12/2/1996									6.95		460	11.66666666		
5649	STALL, LAKE	Stall-Hillsborough	LAKEWATCH_V	03100206020886	9/25/1999	44.76768338		9								570	20		
5649	STALL, LAKE	Stall-Hillsborough	LAKEWATCH_V	03100206020886	9/3/1999	50.71748441		16.33333333								593.3333333	18		
5649	STALL, LAKE	Stall-Hillsborough	LAKEWATCH_V	03100206020886	7/10/1999	40.4256663		6.66666666								440	13		
5649	STALL, LAKE	Stall-Hillsborough	LAKEWATCH_V	03100206020886	2/6/1999	51.64636443		22								570	22		
5649	STALL, LAKE	Stall-Hillsborough	LAKEWATCH_V	03100206020886	12/22/1998											570	14.33333333		
5649	STALL, LAKE	Stall-Hillsborough	LAKEWATCH_V	03100206020886	11/12/1998											510	13		
5649	STALL, LAKE	Stall-Hillsborough	LAKEWATCH_V	03100206020886	10/4/1998											510	16.5		
5649	STALL, LAKE	Stall-Hillsborough	LAKEWATCH_V	03100206020886	8/1/1998	40.72208334		7.5								430	15		
5649	STALL, LAKE	Stall-Hillsborough	LAKEWATCH_V	03100206020886	5/31/1998	40.7523507		6.66666666								380	20.66666666		
5649	STALL, LAKE	Stall-Hillsborough	LAKEWATCH_V	03100206020886	5/3/1998	41.87715633		9								430	14.5		
5649	STALL, LAKE	Stall-Hillsborough	LAKEWATCH_V	03100206020886	4/4/1998	50.77290608		15.5								723.3333333	24.33333333		
5649	STALL, LAKE	Stall-Hillsborough	LAKEWATCH_V	03100206020886	2/10/1998	51.49043101		14.5								1003.333333	20.66666666		
5649	STALL, LAKE	Stall-Hillsborough	LAKEWATCH_V	03100206020886	1/14/1998	50.08164975		10.5								893.3333333	22.33333333		
5649	STALL, LAKE	Stall-Hillsborough	LAKEWATCH_V	03100206020886	12/9/1997	50.7721319		17								666.6666667	23		
5649	STALL, LAKE	Stall-Hillsborough	LAKEWATCH_V	03100206020886	11/24/1997	49.93090741		14								613.3333333	18.5		
5649	STALL, LAKE	Stall-Hillsborough	LAKEWATCH_V	03100206020886	10/14/1997	45.97450818		12.5								473.3333333	19		
5649	STALL, LAKE	Stall-Hillsborough	LAKEWATCH_V	03100206020886	9/8/1997	42.96229412		7.5								466.6666667	15		
5649	STALL, LAKE	Stall-Hillsborough	LAKEWATCH_V	03100206020886	8/4/1997	45.42584787		9.5								490	16		
5649	STALL, LAKE	Stall-Hillsborough	LAKEWATCH_V	03100206020886	6/16/1997	30.8435213		2.5								430	10.5		
5649	STALL, LAKE	Stall-Hillsborough	LAKEWATCH_V	03100206020886	3/10/1997	38.47023375		4.5								450	14		
5649	STALL, LAKE	Stall-Hillsborough	LAKEWATCH_V	03100206020886	2/19/1997	40.68871396		6.5								430	13.5		
5649	STALL, LAKE	Stall-Hillsborough	LAKEWATCH_V	03100206020886	1/25/1997	34.77648362		4								336.6666667	11		
5649	STALL, LAKE	Stall-Hillsborough	LAKEWATCH_V	03100206020886	1/9/1997	37.40985144		5								405	12		
5649	STALL, LAKE	Stall-Hillsborough	LAKEWATCH_V	03100206020886	12/9/1996	43.531063		9								503.3333333	17.5		
5766	STILLWATER LAKE	Stillwater-Hillsborough	LAKEWATCH_V	03100206017708	1/23/2000	61.63323557		34.5								936.6666667	55.33333333		
5766	STILLWATER LAKE	Stillwater-Hillsborough	LAKEWATCH_V	03100206017708	12/28/1999	63.97691616		42								1075	58.33333333		
5766	STILLWATER LAKE	Stillwater-Hillsborough	LAKEWATCH_V	03100206017708	10/24/1999	65.64385943		59.5								1055	49.66666666		
5766	STILLWATER LAKE	Stillwater-Hillsborough	LAKEWATCH_V	03100206017708	9/20/1999	69.03443875		75.66666666								1061.666667	70.5		
5766	STILLWATER LAKE	Stillwater-Hillsborough	LAKEWATCH_V	03100206017708	8/22/1999	68.37275194		78								950	65.66666666		
5766	STILLWATER LAKE	Stillwater-Hillsborough	LAKEWATCH_V	03100206017708	6/24/1999	63.40756293		32.33333333								1080	77		
5174	WEST LAKE	280423822924	STORET_21FLTPA		10/9/2001					7.38	5			6.38	40			3	
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_SUPP		5/29/2002	36.50854572		4.9						7.2		390	13		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_SUPP		4/22/1997	35.57689474		3.7						7.7		400	16		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		11/16/2004	31.32208727		3								326.6666667	11		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		8/28/2004	34.84179184		3.5								436.6666667	12		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		7/28/2004	44.12281985		8.5								506.6666667	15.33333333		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		6/29/2004	44.49714903		10								523.3333333	14.33333333		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		4/13/2004	34.6764109		3								410	13		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		4/9/2004	26.76640242		1								470	13		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		1/28/2004	36.09211105		4								385	16.5		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		12/30/2003	33.36369569		2.5								470	13		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		11/28/2003	42.46554545		7								506.6666667	15		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		10/30/2003	43.2271		7								553.3333333	16		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		9/26/2003	42.31888796		6.5								480	15.5		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		8/26/2003	44.6250233		8.5								500	16		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		7/24/2003	42.72489654		7								526.6666667	15.33333333		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		6/26/2003	45.42052495		10								535	15.5		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		4/21/2003	30.48014181		2								450	11.66666666		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		3/24/2003	33.98828944		3.5								356.6666667	14		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		1/27/2003	38.18588263		4.5								525	13.66666666		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		12/27/2002	37.24615886		5								410	14		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		11/21/2002	38.04109555		4.5								470	13.5		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		10/16/2002	40.24337809		6.5								450	13		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		9/16/2002	38.57778427		5.5								433.3333333	12.5		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		8/16/2002	38.79667069		6.5								370	11.5		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		7/16/2002	37.28924893		4.5								453.3333333	12.66666666		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		5/29/2002	37.06935048		5.5								633.3333333	11		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		4/30/2002	37.13295526		4.5								546.6666667	12.5		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		3/28/2002	31.2942577		2								453.3333333	12.5		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		2/26/2002	38.03627346		4								445	14.5		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		1/25/2002	31.13586606		2								563.3333333	12.33333333		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		11/30/2001	35.78629579		3.5								535	13		

5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		10/30/2001	34.21360648		3								545	12.5		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		9/10/2001	38.79667069		6.5								540	11.5		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		7/20/2001	41.89830769		10								570	11.5		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		6/29/2001	39.83245154		7								570	12		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		5/29/2001	32.90089127		2.5								446.6666667	12.5		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		4/26/2001	37.86180566		3.5								523.3333333	15.5		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		2/28/2001	42.69711442		7.5								690	14.66666666		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		1/26/2001	35.80321787		4								493.3333333	12		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		12/29/2000	35.55088497		3								460	14		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		11/30/2000	33.81505759		3.5								360	11		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		10/30/2000	30.26779737		2.5								420	10		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		9/15/2000	38.41939262		5.5								676.6666667	12.33333333		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		8/11/2000	40.31415108		7								545	12.5		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		7/6/2000	34.84179184		3.5								580	12		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		5/25/2000	43.02693316		8								676.6666667	14.5		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		4/26/2000	41.73404077		5.5								695	16.33333333		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		3/23/2000	36.44121107		4								446.6666667	12.66666666		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		2/21/2000	35.96496254		3								470	14.5		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		1/25/2000	36.90764799		5								556.6666667	11.5		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		12/27/1999	39.04058868		5.5								596.6666667	13		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		11/29/1999	42.46554545		7								630	15		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		10/27/1999	39.78057368		6.5								460	12.5		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		9/28/1999	41.22229136		7								510	13.5		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		8/19/1999	41.37377689		10								710	11		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		6/28/1999	38.09608473		5.5								565	12		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		5/26/1999	41.71207438		8.5								560	12.5		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		4/26/1999	43.86346875		8.5								583.3333333	15		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		3/26/1999	40.54154467		6								530	14		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		2/26/1999	38.35435539		5								420	13		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		1/26/1999	32.36917922		3								345	13		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		12/29/1998	38.72256665		6								506.6666667	12		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		11/21/1998	34.27726274		3								430	15.5		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		10/29/1998	39.48592455		5.5								420	13.5		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		7/27/1998	37.40985144		5								630	12		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		6/27/1998	39.6670706		6								556.6666667	13		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		5/30/1998	45.89801854		10.5								573.3333333	15.66666666		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		4/25/1998	48.71962633		10								633.3333333	20.5		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		3/10/1998	47.16842924		11.5								553.3333333	23.66666666		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		1/30/1998	44.95606119		9.66666666								560	19		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		1/3/1998	50.46256074		16.5								590	25.66666666		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		11/25/1997	38.95780755		6								430	14.5		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		10/30/1997	45.50343501		11.5								660	14.33333333		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		9/30/1997	46.93019912		13.5								513.3333333	19		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		8/2/1997	42.12361496		9								590	12.5		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		6/27/1997	42.35450731		9.5								610	12.33333333		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		5/30/1997	43.02693316		8								496.6666667	14.5		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		4/24/1997	37.92762124		4.5								470	16.5		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		3/27/1997	41.5549167		7								486.6666667	17.5		
5196	WHITE TROUT LAKE	White Trout-Hillsborough	LAKEWATCH_V		2/24/1997	34.84179184		3.5								430	12		
5196	WHITE TROUT LAKE	STA-166	LEGACY_SWFWMD_WQ		2/7/2001			8.19		9.85	26				36		18	1.6	
5196	WHITE TROUT LAKE	STA-166	LEGACY_SWFWMD_WQ		7/27/2000			4.12		7.18							16	1.5	
5196	WHITE TROUT LAKE	28022198229465	STORET_21FLTPA		10/25/2000					8.2	10			7.62	520			1	
5196	WHITE TROUT LAKE	White Trout Lake	SWFWMD_KenRomie_WQ		3/5/1998	38.88774897		8.44						7.5		250	15		
5196	WHITE TROUT LAKE	White Trout Lake	SWFWMD_KenRomie_WQ		8/7/1997	41.03286693		8.27						7.4		630	12		
5196	WHITE TROUT LAKE	White Trout Lake	SWFWMD_KenRomie_WQ		1/23/1995	25.44648287		1.3						7.4		310	12		
5196	WHITE TROUT LAKE	White Trout Lake	SWFWMD_KenRomie_WQ		7/28/1994	34.83116952		5.6						7.4		890	9		
5173	WILFORD, LAKE	Wilford-Hillsborough	LAKEWATCH_SUPP		7/13/1998	37.99755647		3.1						7.3		600	23		
5173	WILFORD, LAKE	Wilford-Hillsborough	LAKEWATCH_V		8/22/1999	47.93926419		11.5								673.3333333	22.66666666		
5173	WILFORD, LAKE	Wilford-Hillsborough	LAKEWATCH_V		6/25/1999	47.30144652		7.5								676.6666667	21.66666666		
5173	WILFORD, LAKE	Wilford-Hillsborough	LAKEWATCH_V		5/16/1999	41.74963434		6								490	23		
5173	WILFORD, LAKE	Wilford-Hillsborough	LAKEWATCH_V		3/20/1999	44.2909776		5								693.3333333	21.5		
5173	WILFORD, LAKE	Wilford-Hillsborough	LAKEWATCH_V		2/18/1999	44.99515234		5								876.6666667	33		
5173	WILFORD, LAKE	Wilford-Hillsborough	LAKEWATCH_V		1/10/1999	34.92257716		2								545	17		
5173	WILFORD, LAKE	Wilford-Hillsborough	LAKEWATCH_V		11/8/1998	41.74258046		6								476.6666667	15.5		
5173	WILFORD, LAKE	Wilford-Hillsborough	LAKEWATCH_V		10/4/1998	38.82323168		4								473.3333333	15.5		
5173	WILFORD, LAKE	Wilford-Hillsborough	LAKEWATCH_V		8/30/1998	40.24363211		5.5								503.3333333	18.5		
5173	WILFORD, LAKE	Wilford-Hillsborough	LAKEWATCH_V		7/3/1998	43.13884366		5								720	19.5		
5173	WILFORD, LAKE	Wilford-Hillsborough	LAKEWATCH_V		5/29/1998	45.87496913		6								726.6666667	22		
5173	WILFORD, LAKE	Wilford-Hillsborough	LAKEWATCH_V		4/26/1998	50.15668857		14.66666666								683.3333333	24.66666666		
5173	WILFORD, LAKE	Wilford-Hillsborough	LAKEWATCH_V		3/27/1998	44.81386569		5.5								690	35.33333333		
5173	WILFORD, LAKE	Wilford-Hillsborough	LAKEWATCH_V		2/21/1998	51.14574699		8.5								715	67.66666666		

Appendix 7-4. Water Quality Sampling Stations and Number of Data Collection Events per Station per Paramet
for Sweetwater Creek Watershed

Count of Count		
STATIONID	PARAMETER	Total
02306600	Ca_mgl	5
	Cl_mgl	5
	Color_pcu	5
	Cond_umhocm	11
	DO_MGL	5
	K_mgl	5
	Na_mgl	5
	NH3_ugl	5
	Nox_ugl	5
	pH	10
	SO4_mgl	5
	TDS_mgl	5
	TempA_F	4
	TempW_F	7
	TKN_ugl	5
	TP_ugl	5
02306600 Total		92
28022198229465	Alkalinity_mglCaCO3	1
	Color_pcu	1
	Cond_umhocm	1
	DO_MGL	1
	Fcoli_100ml	1
	pH	1
	Secchi_ft	1
	Tcoli_100ml	1
	TempW_F	1
	TSS_MGL	1
	Turb_ntu	1
28022198229465 Total		11
280231082290700	Cond_umhocm	4
	TempW_F	4
280231082290700 Total		8
280407082291700	Cond_umhocm	2
	TempW_F	2
280407082291700 Total		4
280423822924	Alkalinity_mglCaCO3	1
	Color_pcu	1
	Cond_umhocm	1
	DO_MGL	1
	Fcoli_100ml	1
	pH	1
	Tcoli_100ml	1
	TempW_F	1
	TSS_MGL	1
	Turb_ntu	1
280423822924 Total		10

280610082284100	Cond_umhocm	2				
	TempW_F	2				
280610082284100 Total		4				
5168	Fcoli_100ml	1				
	Fstrep_100ml	1				
	Tcoli_100ml	1				
5168 Total		3				
5175	BOD5_mgl	1				
	Fcoli_100ml	2				
	Fstrep_100ml	1				
	Tcoli_100ml	2				
	TKN_ugl	1				
	TP_ugl	1				
5175 Total		8				
5177	BOD5_mgl	1				
	Fcoli_100ml	1				
	Fstrep_100ml	1				
	Tcoli_100ml	1				
	TKN_ugl	1				
	TP_ugl	1				
5177 Total		6				
5187	Fcoli_100ml	1				
	Fstrep_100ml	1				
	Tcoli_100ml	1				
5187 Total		3				
5358	Fcoli_100ml	1				
	Fstrep_100ml	1				
	NH3_ugl	1				
	Nox_ugl	1				
	OP_mgl	1				
	Tcoli_100ml	1				
	TKN_ugl	1				
	TP_ugl	1				
5358 Total		8				
5367	BOD5_mgl	1				
	Fcoli_100ml	1				
	Fstrep_100ml	1				
	Tcoli_100ml	1				
5367 Total		4				
5638	Nox_ugl	1				
	OP_mgl	1				
	TKN_ugl	1				
	TN_ugl	1				
	TP_ugl	1				
	Turb_ntu	2				
5638 Total		7				
Bay Lake	Chla_ugl	4				
	pH	4				
	Secchi_ft	4				
	TN_ugl	4				
	TP_ugl	4				
Bay Lake Total		20				

Bay-Hillsborough	Alkalinity_mglCaCO3	1				
	Chla_ugl	35				
	Cl_mgl	1				
	Color_pcu	1				
	Cond_umhocm	1				
	pH	1				
	Secchi_ft	29				
	TN_ugl	45				
	TP_ugl	37				
Bay-Hillsborough Total		151				
Boot-Hillsborough	Alkalinity_mglCaCO3	2				
	Ca_mgl	1				
	Chla_ugl	60				
	Cl_mgl	2				
	Color_pcu	2				
	Cond_umhocm	2				
	K_mgl	1				
	Mg_mgl	1				
	Na_mgl	1				
	pH	2				
	Secchi_ft	56				
	Si_mgl	1				
	SO4_mgl	1				
	TN_ugl	103				
	TP_ugl	89				
Boot-Hillsborough Total		324				
Byrd-Hillsborough	Alkalinity_mglCaCO3	1				
	Chla_ugl	5				
	Cl_mgl	1				
	Color_pcu	1				
	Cond_umhocm	1				
	pH	1				
	Secchi_ft	4				
	TN_ugl	7				
	TP_ugl	5				
Byrd-Hillsborough Total		26				
Carroll Cove-Hillsborough	Chla_ugl	59				
	Secchi_ft	58				
	TN_ugl	68				
	TP_ugl	64				
Carroll Cove-Hillsborough Total		249				
Carroll-Hillsborough	Chla_ugl	141				
	Secchi_ft	114				
	TN_ugl	219				
	TP_ugl	200				
Carroll-Hillsborough Total		674				
Casey-Hillsborough	Alkalinity_mglCaCO3	1				
	Ca_mgl	1				
	Chla_ugl	38				
	Cl_mgl	2				
	Color_pcu	3				
	Cond_umhocm	3				

Casey-Hillsborough	K_mgl	1				
	Mg_mgl	2				
	Na_mgl	2				
	pH	2				
	Secchi_ft	32				
	Si_mgl	3				
	SO4_mgl	3				
	TN_ugl	56				
	TP_ugl	46				
Casey-Hillsborough Total		195				
Chapman-Hillsborough	Alkalinity_mglCaCO3	1				
	Ca_mgl	1				
	Chla_ugl	291				
	Cl_mgl	1				
	Color_pcu	1				
	Cond_umhocm	1				
	K_mgl	1				
	Mg_mgl	1				
	Na_mgl	1				
	pH	1				
	Secchi_ft	127				
	Si_mgl	1				
	SO4_mgl	1				
	TN_ugl	337				
	TP_ugl	327				
Chapman-Hillsborough Total		1093				
Dorothy-Hillsborough	Alkalinity_mglCaCO3	1				
	Chla_ugl	32				
	Cl_mgl	1				
	Color_pcu	1				
	Cond_umhocm	1				
	pH	1				
	Secchi_ft	12				
	TN_ugl	41				
	TP_ugl	40				
Dorothy-Hillsborough Total		130				
Ellen-Hillsborough	Alkalinity_mglCaCO3	2				
	Ca_mgl	2				
	Chla_ugl	42				
	Cl_mgl	3				
	Color_pcu	3				
	Cond_umhocm	3				
	K_mgl	1				
	Mg_mgl	2				
	Na_mgl	2				
	pH	3				
	Secchi_ft	39				
	Si_mgl	2				
	SO4_mgl	2				
	TN_ugl	57				
	TP_ugl	51				
Ellen-Hillsborough Total		214				

Estes-Hillsborough	Alkalinity_mglCaCO3	1				
	Ca_mgl	2				
	Chla_ugl	207				
	Cl_mgl	2				
	Color_pcu	2				
	Cond_umhocm	2				
	K_mgl	2				
	Mg_mgl	2				
	Na_mgl	3				
	pH	1				
	Secchi_ft	139				
	Si_mgl	2				
	SO4_mgl	2				
	TN_ugl	236				
	TP_ugl	247				
Estes-Hillsborough Total		850				
Fleur de Lis-Hillsborough	Alkalinity_mglCaCO3	1				
	Chla_ugl	22				
	Cl_mgl	1				
	Color_pcu	1				
	Cond_umhocm	1				
	pH	1				
	Secchi_ft	10				
	TN_ugl	23				
	TP_ugl	22				
Fleur de Lis-Hillsborough Total		82				
George-Hillsborough	Alkalinity_mglCaCO3	1				
	Ca_mgl	1				
	Chla_ugl	15				
	Cl_mgl	1				
	Color_pcu	1				
	Cond_umhocm	1				
	K_mgl	1				
	Mg_mgl	1				
	Na_mgl	1				
	pH	1				
	Secchi_ft	10				
	Si_mgl	1				
	SO4_mgl	1				
	TN_ugl	19				
	TP_ugl	16				
George-Hillsborough Total		71				
Jeanette-Hillsborough	Chla_ugl	18				
	Secchi_ft	12				
	TN_ugl	20				
	TP_ugl	19				
Jeanette-Hillsborough Total		69				
Lake Carroll	Chla_ugl	2				
	pH	1				
	Secchi_ft	1				
	TN_ugl	2				
	TP_ugl	2				

Lake Carroll Total		8				
Lake Ellen	Chla_ugl	6				
	pH	3				
	Secchi_ft	6				
	TN_ugl	6				
	TP_ugl	5				
Lake Ellen Total		26				
Lake Estes	Chla_ugl	2				
	pH	1				
	Secchi_ft	1				
	TN_ugl	2				
	TP_ugl	2				
Lake Estes Total		8				
Lake Magdalene	Chla_ugl	2				
	pH	1				
	TN_ugl	2				
	TP_ugl	2				
Lake Magdalene Total		7				
Lake Rocket	Chla_ugl	6				
	pH	5				
	Secchi_ft	5				
	TN_ugl	6				
	TP_ugl	6				
Lake Rocket Total		28				
Lipsey-Hillsborough	Chla_ugl	104				
	Secchi_ft	97				
	TN_ugl	130				
	TP_ugl	118				
Lipsey-Hillsborough Total		449				
Little-Hillsborough	Alkalinity_mglCaCO3	1				
	Ca_mgl	1				
	Chla_ugl	24				
	Cl_mgl	2				
	Color_pcu	2				
	Cond_umhocm	3				
	K_mgl	2				
	Mg_mgl	3				
	Na_mgl	2				
	pH	2				
	Secchi_ft	23				
	Si_mgl	1				
	SO4_mgl	2				
	TN_ugl	31				
	TP_ugl	25				
Little-Hillsborough Total		124				
Lords-Hillsborough	Alkalinity_mglCaCO3	1				
	Ca_mgl	1				
	Chla_ugl	14				
	Cl_mgl	1				
	Color_pcu	1				
	Cond_umhocm	1				
	K_mgl	1				

Lords-Hillsborough	Mg_mgl	1				
	Na_mgl	1				
	pH	1				
	Secchi_ft	14				
	Si_mgl	1				
	SO4_mgl	1				
	TN_ugl	19				
	TP_ugl	16				
Lords-Hillsborough Total		74				
Magdalene-Hillsborough	Chla_ugl	318				
	Secchi_ft	346				
	TN_ugl	473				
	TP_ugl	405				
Magdalene-Hillsborough Total		1542				
Platt Lake	Chla_ugl	4				
	pH	4				
	Secchi_ft	4				
	TN_ugl	4				
	TP_ugl	4				
Platt Lake Total		20				
Platt-Hillsborough	Alkalinity_mglCaCO3	2				
	Ca_mgl	2				
	Chla_ugl	27				
	Cl_mgl	3				
	Color_pcu	2				
	Cond_umhocm	3				
	Fe_ugl	2				
	K_mgl	3				
	Mg_mgl	1				
	Na_mgl	2				
	pH	4				
	Secchi_ft	31				
	Si_mgl	1				
	SO4_mgl	3				
	TN_ugl	35				
	TP_ugl	31				
Platt-Hillsborough Total		152				
Roget-Hillsborough	Alkalinity_mglCaCO3	1				
	Ca_mgl	1				
	Chla_ugl	31				
	Cl_mgl	1				
	Color_pcu	1				
	Cond_umhocm	1				
	K_mgl	1				
	Mg_mgl	1				
	Na_mgl	1				
	pH	1				
	Secchi_ft	23				
	Si_mgl	1				
	SO4_mgl	1				
	TN_ugl	31				
	TP_ugl	29				

Roget-Hillsborough Total		125				
STA-135	Chla_ugl	2				
	Cond_umhocm	2				
	DO_MGL	2				
	Fcoli_100ml	1				
	NO2_UGL	2				
	Secchi_ft	2				
	Tcoli_100ml	1				
	TP_ugl	2				
	TSS_MGL	2				
	Turb_ntu	2				
STA-135 Total		18				
STA-166	Chla_ugl	2				
	Cond_umhocm	2				
	DO_MGL	2				
	Fcoli_100ml	1				
	NO2_UGL	2				
	Secchi_ft	2				
	Tcoli_100ml	1				
	TP_ugl	2				
	TSS_MGL	2				
	Turb_ntu	2				
STA-166 Total		18				
STA-32	Chla_ugl	3				
	Cond_umhocm	3				
	DO_MGL	3				
	Fcoli_100ml	2				
	NO2_UGL	3				
	NO3_UGL	2				
	Secchi_ft	3				
	Tcoli_100ml	2				
	TP_ugl	3				
	TSS_MGL	3				
	Turb_ntu	3				
STA-32 Total		30				
STA-339	Chla_ugl	4				
	Cond_umhocm	4				
	DO_MGL	4				
	Fcoli_100ml	2				
	NO2_UGL	4				
	NO3_UGL	2				
	Secchi_ft	4				
	Tcoli_100ml	1				
	TP_ugl	4				
	TSS_MGL	4				
	Turb_ntu	4				
STA-339 Total		37				
STA-364	Chla_ugl	3				
	Cond_umhocm	3				
	DO_MGL	3				
	Fcoli_100ml	2				
	NO2_UGL	3				

STA-364	NO3_UGL	2				
	Secchi_ft	3				
	Tcoli_100ml	2				
	TP_ugl	3				
	TSS_MGL	3				
	Turb_ntu	3				
STA-364 Total		30				
STA-41	Chla_ugl	2				
	Cond_umhocm	2				
	DO_MGL	2				
	Fcoli_100ml	1				
	NO2_UGL	2				
	Secchi_ft	2				
	Tcoli_100ml	1				
	TP_ugl	2				
	TSS_MGL	2				
	Turb_ntu	2				
STA-41 Total		18				
STA-516	Chla_ugl	3				
	Cond_umhocm	3				
	DO_MGL	3				
	Fcoli_100ml	2				
	NO2_UGL	3				
	NO3_UGL	2				
	Secchi_ft	3				
	Tcoli_100ml	2				
	TP_ugl	3				
	TSS_MGL	3				
	Turb_ntu	3				
STA-516 Total		30				
STA-882	Chla_ugl	3				
	Cond_umhocm	2				
	DO_MGL	2				
	Fcoli_100ml	2				
	NO2_UGL	3				
	NO3_UGL	2				
	Secchi_ft	2				
	Tcoli_100ml	2				
	TP_ugl	3				
	TSS_MGL	3				
	Turb_ntu	3				
STA-882 Total		27				
STA-883	Chla_ugl	3				
	Cond_umhocm	3				
	DO_MGL	3				
	Fcoli_100ml	1				
	NO2_UGL	3				
	NO3_UGL	2				
	Secchi_ft	3				
	Tcoli_100ml	1				
	TP_ugl	3				
	TSS_MGL	3				

STA-883	Turb_ntu	3				
STA-883 Total		28				
Stall-Hillsborough	Alkalinity_mglCaCO3	1				
	Ca_mgl	1				
	Chla_ugl	47				
	Cl_mgl	1				
	Color_pcu	2				
	Cond_umhocm	2				
	Fe_ugl	1				
	K_mgl	2				
	Mg_mgl	2				
	Na_mgl	1				
	pH	2				
	Secchi_ft	45				
	Si_mgl	3				
	SO4_mgl	3				
	TN_ugl	71				
	TP_ugl	60				
Stall-Hillsborough Total		244				
Stillwater-Hillsborough	Chla_ugl	14				
	Secchi_ft	11				
	TN_ugl	15				
	TP_ugl	17				
Stillwater-Hillsborough Total		57				
White Trout Lake	Chla_ugl	4				
	pH	4				
	Secchi_ft	4				
	TN_ugl	4				
	TP_ugl	4				
White Trout Lake Total		20				
White Trout-Hillsborough	Alkalinity_mglCaCO3	2				
	Ca_mgl	1				
	Chla_ugl	140				
	Cl_mgl	2				
	Color_pcu	2				
	Cond_umhocm	2				
	K_mgl	1				
	Mg_mgl	1				
	Na_mgl	1				
	pH	2				
	Secchi_ft	174				
	Si_mgl	1				
	SO4_mgl	1				
	TN_ugl	210				
	TP_ugl	171				
White Trout-Hillsborough Total		711				
Wilford-Hillsborough	Alkalinity_mglCaCO3	1				
	Ca_mgl	1				
	Chla_ugl	24				
	Cl_mgl	1				
	Color_pcu	1				
	Cond_umhocm	1				

Wilford-Hillsborough	K_mgl	1				
	Mg_mgl	1				
	Na_mgl	1				
	pH	1				
	Secchi_ft	15				
	Si_mgl	1				
	SO4_mgl	1				
	TN_ugl	41				
	TP_ugl	37				
Wilford-Hillsborough Total		128				
(blank)	(blank)					
(blank) Total						
Grand Total		8275				

CHAPTER 62-302 SURFACE WATER QUALITY STANDARDS

62-302.200 Definitions.

(1) "Acute Toxicity" shall mean the presence of one or more substances or characteristics or components of substances in amounts which:

(a) Are greater than one-third (1/3) of the amount lethal to 50% of the test organisms in 96 hours (96 hr LC_{50}) where the 96 hr LC_{50} is the lowest value which has been determined for a species significant to the indigenous aquatic community; or

(b) May reasonably be expected, based upon evaluation by generally accepted scientific methods, to produce effects equal to those of the concentration of the substance specified in paragraph (a) above.

(2) "Annual Average Flow" is the long-term harmonic mean flow of the receiving water, or an equivalent flow based on generally accepted scientific procedures in waters for which such a mean cannot be calculated. For waters for which flow records have been kept for at least the last three years, "long-term" shall mean the period of record. For all other waters, "long-term" shall mean three years (unless the Department finds the data from that period not representative of present flow conditions, based on evidence of land use or other changes affecting the flow) or the period of records sufficient to show a variation of flow of at least three orders of magnitude, whichever period is less. For nontidal portions of rivers and streams, the harmonic mean (Q_{hm}) shall be calculated as

$$Q_{hm} = \frac{n}{\frac{1}{Q_1} + \frac{1}{Q_2} + \frac{1}{Q_3} + \frac{1}{Q_4} + \ldots + \frac{1}{Q_n}}$$

in which each Q is an individual flow record and n is the total number of records. In lakes and reservoirs, the annual average flow shall be based on the hydraulic residence time, which shall be calculated according to generally accepted scientific procedures, using the harmonic mean flows for the inflow sources. In tidal estuaries and coastal systems or tidal portions of rivers and streams, the annual average flow shall be determined using methods described in EPA publication no. 600/6-85/002b pages 142-227, incorporated by reference in paragraph 62-4.246(9)(k), F.A.C., or by other generally accepted scientific procedures, using the harmonic mean flow for any freshwater inflow. If there are insufficient data to determine the harmonic mean then the harmonic mean shall be estimated by methods as set forth in the EPA publication *Technical Support Document for Water Quality-Based Toxics Control* (March 1991), incorporated by reference in paragraph 62-4.246(9)(d), F.A.C., or other generally accepted scientific procedures. In situations with seasonably variable effluent discharge rates, hold-and-release treatment systems, and effluent-dominated sites, annual average flow shall mean modeling techniques that calculate long-term average daily concentrations from long-term individual daily flows and concentrations in accordance with generally accepted scientific procedures.

(3) "Background" shall mean the condition of waters in the absence of the activity or discharge under consideration, based on the best scientific information available to the Department.

(4) "Chronic Toxicity" shall mean the presence of one or more substances or characteristics or components of substances in amounts which:

(a) Are greater than one-twentieth (1/20) of the amount lethal to 50% of the test organisms in 96 hrs (96 hr LC_{50} where the 96 hr LC_{50} is the lowest value which has been determined for a species significant to the indigenous aquatic community; or

(b) May reasonably be expected, based upon evaluation by generally accepted scientific methods, to produce effects equal to those of the concentration of the substance specified in paragraph (a) above.

(5) "Commission" shall mean the Environmental Regulation Commission.

(6) "Compensation Point for Photosynthetic Activity" shall mean the depth at which one percent of the light intensity at the surface remains unabsorbed. The light intensities at the surface and subsurface shall be measured simultaneously by irradiance meters such as the Kahlsico Underwater Irradiameter, Model No. 268 WA 310 or other devices having a comparable spectral response.

(7) “Department” shall mean the Department of Environmental Protection.

(8) “Designated Use” shall mean the present and future most beneficial use of a body of water as designated by the Environmental Regulation Commission by means of the Classification system contained in this Chapter.

(9) “Dissolved Metal” shall mean the metal fraction that passes through a 0.45 micron filter.

(10) “Effluent Limitation” shall mean any restriction established by the Department on quantities, rates or concentrations of chemical, physical, biological or other constituents which are discharged from sources into waters of the State.

(11) “Exceptional Ecological Significance” shall mean that a water body is a part of an ecosystem of unusual value. The exceptional significance may be in unusual species, productivity, diversity, ecological relationships, ambient water quality, scientific or educational interest, or in other aspects of the ecosystem’s setting or processes.

(12) “Exceptional Recreational Significance” shall mean unusual value as a resource for outdoor recreation activities. Outdoor recreation activities include, but are not limited to, fishing, boating, canoeing, water skiing, swimming, scuba diving, or nature observation. The exceptional significance may be in the intensity of present recreational usage, in an unusual quality of recreational experience, or in the potential for unusual future recreational use or experience.

(13) “Existing Uses” shall mean any actual beneficial use of the water body on or after November 28, 1975.

(14) “Man-induced conditions which cannot be controlled or abated” shall mean conditions that have been influenced by human activities, and

(a) Would remain after removal of all point sources,

(b) Would remain after imposition of best management practices for non-point sources, and

(c) Cannot be restored or abated by physical alteration of the water body, or there is no reasonable relationship between the economic, social and environmental costs and the benefits of restoration or physical alteration.

(15) “Natural Background” shall mean the condition of waters in the absence of man-induced alterations based on the best scientific information available to the Department. The establishment of natural background for an altered waterbody may be based upon a similar unaltered waterbody or on historical pre-alteration data.

(16) “Nuisance Species” shall mean species of flora or fauna whose noxious characteristics or presence in sufficient number, biomass, or areal extent may reasonably be expected to prevent, or unreasonably interfere with, a designated use of those waters.

(17) “Nursery Area of Indigenous Aquatic Life” shall mean any bed of the following aquatic plants, either in monoculture or mixed: *Halodule wrightii*, *Halophila* spp., *Potamogeton* spp. (pondweed), *Ruppia maritima* (widgeon-grass), *Sagittaria* spp. (arrowhead), *Syringodium filiforme* (manatee-grass), *Thalassia testudinum* (turtle grass), or *Vallisneria* spp. (eel-grass), or any area used by the early-life stages, larvae and post-larvae, of aquatic life during the period of rapid growth and development into the juvenile states.

(18) “Outstanding Florida Waters” shall mean waters designated by the Environmental Regulation Commission as worthy of special protection because of their natural attributes.

(19) “Outstanding National Resources Waters” shall mean waters designated by the Environmental Regulation Commission that are of such exceptional recreational or ecological significance that water quality should be maintained and protected under all circumstances, other than temporary lowering and the lowering allowed under Section 316 of the Federal Clean Water Act.

(20) “Pollution” shall mean the presence in the outdoor atmosphere or waters of the state of any substances, contaminants, noise, or man-made or man-induced alteration of the chemical, physical, biological or radiological integrity of air or water in quantities or levels which are or may be potentially harmful or injurious to human health or welfare, animal or plant life, or property, including outdoor recreation.

(21) “Predominantly Fresh Waters” shall mean surface waters in which the chloride concentration at the surface is less than 1,500 milligrams per liter.

(22) “Predominantly Marine Waters” shall mean surface waters in which the chloride concentration at the surface is greater than or equal to 1,500 milligrams per liter.

(23) “Propagation” shall mean reproduction sufficient to maintain the species’ role in its respective ecological community.

(24) “Secretary” shall mean the Secretary of the Department of Environmental Protection.

(25) “Shannon-Weaver Diversity Index” shall mean: negative summation (from i = 1 to s) of $(n_i/N) \log_2 (n_i/N)$ where s is the number of species in a sample, N is the total number of individuals in a sample, and ni is the total number of individuals in species i.

(26) “Special Waters” shall mean water bodies designated in accordance with Rule 62-302.700, F.A.C., by the Environmental Regulation Commission for inclusion in the Special Waters Category of Outstanding Florida Waters, as contained in Rule 62-302.700, F.A.C. A Special Water may include all or part of any water body.

(27) “Surface Water” means water upon the surface of the earth, whether contained in bounds created naturally or artificially or diffused. Water from natural springs shall be classified as surface water when it exits from the spring onto the earth’s surface.

(28) “Total Recoverable Metal” shall mean the concentration of metal in an unfiltered sample following treatment with hot dilute mineral acid.

(29) “Water quality criteria” shall mean elements of State water quality standards, expressed as constituent concentrations, levels, or narrative statements, representing a quality of water that supports the present and future most beneficial uses.

(30) “Water quality standards” shall mean standards composed of designated present and future most beneficial uses (classification of waters), the numerical and narrative criteria applied to the specific water uses or classification, the Florida antidegradation policy, and the moderating provisions contained in this rule and in Chapter 62-4, F.A.C., adopted pursuant to Chapter 403, F.S.

(31) “Waters” shall be as defined in Section 403.031(13), Florida Statutes.

(32) “Zone of Mixing” or “Mixing Zone” shall mean a volume of surface water containing the point or area of discharge and within which an opportunity for the mixture of wastes with receiving surface waters has been afforded.

Specific Authority 403.061, 403.062, 403.087, 403.504, 403.704, 403.804, 403.805 FS. Law Implemented 403.021, 403.031, 403.061, 403.085, 403.086, 403.087, 403.088, 403.502, 403.802 FS. History–New 5-29-90, Amended 2-13-92, Formerly 17-302.200, Amended 1-23-95, 5-15-02.

62-302.300 Findings, Intent, and Antidegradation Policy for Surface Water Quality.

(1) Article II, Section 7 of the Florida Constitution requires abatement of water pollution and conservation and protection of Florida’s natural resources and scenic beauty.

(2) Congress, in Section 101(a)(2) of the Federal Water Pollution Control Act, as amended, declares that achievement by July 1, 1983, of water quality sufficient for the protection and propogation of fish, shellfish, and wildlife, as well as for recreation in and on the water, is an interim goal to be sought whenever attainable. Congress further states in Section 101(a)(3), that it is the national policy that the discharge of toxic pollutants in toxic amounts be prohibited.

(3) The present and future most beneficial uses of all waters of the State have been designated by the Department by means of the classification system set forth in this Chapter pursuant to Section 403.061(10), F.S. Water quality standards are established by the Department to protect these designated uses.

(4) Because activities outside the State sometimes cause pollution of Florida’s waters, the Department will make every reasonable effort to have such pollution abated.

(5) Water quality standards apply equally to and shall be uniformly enforced in both the public and private sector.

(6) Public interest shall not be construed to mean only those activities conducted solely to provide facilities or benefits to the general public. Private activities conducted for private purposes may also be in the public interest.

(7) The Commission, recognizing the complexity of water quality management and the necessity to temper regulatory actions with the technological progress and the social and economic well-being of people, urges, however, that there be no compromise where discharges of pollutants constitute a valid hazard to human health.

(8) The Commission requests that the Secretary seek and use the best environmental information available when making decisions on the effects of chronically and acutely toxic substances and carcinogenic, mutagenic, and teratogenic substances. Additionally, the Secretary is requested to seek and encourage innovative research and developments in waste treatment alternatives that might better preserve environmental quality or at the same time reduce the energy and dollar costs of operation.

(9) The criteria set forth in this Chapter are minimum levels which are necessary to protect the designated uses of a water body. It is the intent of this Commission that permit applicants should not be penalized due to a low detection limit associated with any specific criteria.

(10)(a) The Department’s rules that were adopted on March 1, 1979, regarding water quality standards are designed to protect the public health or welfare and to enhance the quality of waters of the State. They have been established taking into consideration the use and value of waters of the State for public water supplies, propogation of fish and wildlife, recreational purposes, and agricultural, industrial, and other purposes, and also taking into consideration their use and value for navigation.

(b) Under the approach taken in the formulation of the rules adopted in this proceeding:

1. The Department’s rules that were adopted on March 1, 1979, regarding water quality standards are based upon the best scientific knowledge related to the protection of the various designated uses of waters of the State; and

2. The mixing zone, zone of discharge, site specific alternative criteria, exemption, and equitable allocation provisions are designed to provide an opportunity for the future consideration of factors relating to localized situations which could not adequately be addressed in this proceeding, including economic and social consequences, attainability, irretrievable conditions, natural background, and detectability.

(c) This is an even-handed and balanced approach to attainment of water quality objectives. The Commission has specifically recognized that the social, economic and environmental costs may, under certain special circumstances, outweigh the social, economic and environmental benefits if the numerical criteria are enforced statewide. It is for that reason that the Commission has provided for mixing zones, zones of discharge, site specific alternative criteria, exemptions and other provisions in Chapters 62-302, 62-4, and 62-6, F.A.C. Furthermore, the continued availability of the moderating provisions is a vital factor providing a basis for the Commission’s determination that water quality standards applicable to water classes in the rule are attainable taking into consideration environmental, technological, social, economic and institutional factors. The companion provisions of Chapters 62-4 and 62-6, F.A.C., approved simultaneously with these Water Quality Standards are incorporated herein by reference as a substantive part of the State’s comprehensive program for the control, abatement and prevention of water pollution.

(d) Without the moderating provisions described in subparagraph (b)2. above, the Commission would not have adopted the revisions described in (b)1. above nor determined that they are attainable as generally applicable water quality standards.

(11) Section 403.021, Florida Statutes, declares that the public policy of the State is to conserve the waters of the State to protect, maintain, and improve the quality thereof for public water supplies, for the propagation of wildlife, fish and other aquatic life, and for domestic, agricultural, industrial, recreational, and other beneficial uses. It also prohibits the discharge of wastes into Florida waters without treatment necessary to protect those beneficial uses of the waters.

(12) The Department shall assure that there shall be achieved the highest statutory and regulatory requirements for all new and existing point sources, and all cost-effective and reasonable best management practices for nonpoint source control. For the purposes of this rule, highest statutory and regulatory requirements for new and existing point sources are those which can be achieved through imposition of effluent limits required under Sections 301(b) and 306 of the Federal Clean Water Act (as amended in 1987) and Chapter 403, F.S. For the purposes of this rule, cost-effective and reasonable best management practices for nonpoint source control are those nonpoint source controls authorized under Chapters 373 and 403, F.S., and Department rules.

(13) The Department finds that excessive nutrients (total nitrogen and total phosphorus) constitute one of the most severe water quality problems facing the State. It shall be the Department's policy to limit the introduction of man-induced nutrients into waters of the State. Particular consideration shall be given to the protection from further nutrient enrichment of waters which are presently high in nutrient concentrations or sensitive to further nutrient concentrations and sensitive to further nutrient loadings. Also, particular consideration shall be given to the protection from nutrient enrichment of those waters presently containing very low nutrient concentrations: less than 0.3 milligrams per liter total nitrogen or less than 0.04 milligrams per liter total phosphorus.

(14) Existing uses and the level of water quality necessary to protect the existing uses shall be fully maintained and protected. Such uses may be different or more extensive than the designated use.

(15) Pollution which causes or contributes to new violations of water quality standards or to continuation of existing violations is harmful to the waters of this State and shall not be allowed. Waters having water quality below the criteria established for them shall be protected and enhanced. However, the Department shall not strive to abate natural conditions.

(16) If the Department finds that a new or existing discharge will reduce the quality of the receiving waters below the classification established for them or violate any Department rule or standard, it shall refuse to permit the discharge.

(17) If the Department finds that a proposed new discharge or expansion of an existing discharge will not reduce the quality of the receiving waters below the classification established for them, it shall permit the discharge if such degradation is necessary or desirable under federal standards and under circumstances which are clearly in the public interest, and if all other Department requirements are met. Projects permitted under Part IV of Chapter 373, F.S., shall be considered in compliance with this subsection if those projects comply with the requirements of subsection 373.414(1), F.S.; also projects permitted under the grandfather provisions of Sections 373.414(11) through (16), F.S., or permitted under Section 373.4145, F.S., shall be considered in compliance with this subsection if those projects comply with the requirements of subsection 62-312.080(2), F.A.C.

(18)(a) Except as provided in subparagraphs (b) and (c) of this paragraph, an applicant for either a general or generic permit or renewal of an existing permit for which no expansion of the discharge is proposed is not required to show that any degradation from the discharge is necessary or desirable under federal standards and under circumstances which are clearly in the public interest.

(b) If the Department determines that the applicant has caused degradation of water quality over and above that allowed through previous permits issued to the applicant, then the applicant shall demonstrate that this lowering of water quality is necessary or desirable under federal standards and under circumstances which are clearly in the public interest. These circumstances are limited to cases where it has been demonstrated that degradation of water quality is occurring due to the discharge.

(c) If the new or expanded discharge was initially permitted by the Department on or after October 4, 1989, and the Department determines that an antidegradation analysis was not conducted, then the applicant seeking renewal of the existing permit shall demonstrate that degradation from the discharge is necessary or desirable under federal standards and under circumstances which are clearly in the public interest.

Specific Authority 403.061, 403.062, 403.087, 403.088, 403.504, 403.704, 403.804, 403.805 FS. Law Implemented 373.414, 403.021, 403.061, 403.085, 403.086, 403.087, 403.088, 403.101, 403.141, 403.161, 403.182, 403.502, 403.702, 403.708, 403.802 FS. History–Formerly 17-3.041, Amended 1-28-90, Formerly 17-3.042, 17-302.300, Amended 12-19-94, 1-23-95, 12-26-96, 5-15-02.

62-302.400 Classification of Surface Waters, Usage, Reclassification, Classified Waters.

(1) All surface waters of the State have been classified according to designated uses as follows:

CLASS I	Potable Water Supplies
CLASS II	Shellfish Propagation or Harvesting
CLASS III	Recreation, Propagation and Maintenance of a Healthy, Well-Balanced Population of Fish and Wildlife
CLASS IV	Agricultural Water Supplies
CLASS V	Navigation, Utility and Industrial Use

(2) Classification of a water body according to a particular designated use or uses does not preclude use of the water for other purposes.

(3) The specific water quality criteria corresponding to each surface water classification are listed in Rules 62-302.500 and 62-302.530, F.A.C.

(4) Water quality classifications are arranged in order of the degree of protection required, with Class I water having generally the most stringent water quality criteria and Class V the least. However, Class I, II, and III surface waters share water quality criteria established to protect recreation and the propagation and maintenance of a healthy, well-balanced population of fish and wildlife.

(5) Criteria applicable to a classification are designed to maintain the minimum conditions necessary to assure the suitability of water for the designated use of the classification. In addition, applicable criteria are generally adequate to maintain minimum conditions required for the designated uses of less stringently regulated classifications. Therefore, unless clearly inconsistent with the criteria applicable, the designated uses of less stringently regulated classifications shall be deemed to be included within the designated uses of more stringently regulated classifications.

(6) Any person regulated by the Department or having a substantial interest in this chapter may seek reclassification of waters of the State by filing a petition with the Secretary in the form required by Rule 62-103.040, F.A.C.

(7) A petition for reclassification shall reference and be accompanied by the information necessary to support the affirmative finding required in this section to support the proposed reclassification.

(8) All reclassifications of waters of the State shall be adopted, after public notice and public hearing, only upon an affirmative finding by the Environmental Regulation Commission that:

(a) The proposed reclassification will establish the present and future most beneficial use of the waters; and

(b) Such a reclassification is clearly in the public interest.

(9) Reclassification of waters of the State which establishes more stringent criteria than presently established by this chapter shall be adopted, only upon additional affirmative finding by the Environmental Regulation Commission that the proposed designated use is attainable, upon consideration of environmental, technological, social, economic, and institutional factors.

(10) The surface waters of the State of Florida are classified as Class III – Recreation, Propagation and Maintenance of a Healthy, Well-Balanced Population of Fish and Wildlife, except for certain waters which are described in this subsection 62-302.400(12), F.A.C. A water body may be designated as an Outstanding Florida Water or an Outstanding National Resource Water in addition to being classified as Class I, Class II, or Class III. A water body may also have special standards applied to it. Outstanding Florida Waters and Outstanding National Resource Waters are listed in Rule 62-302.700, F.A.C.

(11) Unless otherwise specified, the following shall apply:

(a) The landward extent of a classification shall coincide with the landward extent of waters of the state, as defined in Rule 62-301.400, F.A.C.

(b) Water quality classifications shall be interpreted to include associated water bodies such as tidal creeks, coves, bays and bayous.

(12) Exceptions to Class III:

(a) All secondary and tertiary canals wholly within agricultural areas are classified as Class IV and are not individually listed as exceptions to Class III. “Secondary and tertiary canals” shall mean any wholly artificial canal or ditch which is behind a control structure and which is part of a water control system that is connected to the works (set forth in Section 373.086, F.S.) of a water management district created under Section 373.069, F.S., and that is permitted by such water management district pursuant to Section 373.103, 373.413, or 373.416, F.S. Agricultural areas shall generally include lands actively used solely for the production of food and fiber which are zoned for agricultural use where county zoning is in effect. Agricultural areas exclude lands which are platted and subdivided or in a transition phase to residential use;

(b) The following listed water bodies are classified as Class I, Class II, or Class V:

1. Alachua County – none.

2. Baker County – none.

3. Bay County

Class I

Bayou George and Creek – Impoundment to source.
Bear Creek – Impoundment to source.
Big Cedar Creek – Impoundment to source.
Deer Point Impoundment – Dam to source.
Econfina Creek – Upstream of Deer Point Impoundment.

Class II

East Bay and Tributaries – East of U.S. Highway 98 to, but excluding Wetappo Creek.
North Bay and Tributaries – North of U.S. Highway 98 to Deer Point Dam excluding Alligator Bayou and Fanning Bayous north of an east-west line through Channel Marker 3.
West Bay and Tributaries – West of North Bay (line from West Bay Point on the north to Shell Point on the South) except West Bay Creek (northwest of Channel Marker 27C off Goose Point), Crooked Creek (north of a line from Crooked Creek Point to Doyle Point), and Burnt Mill Creek (north of a line from Graze Point to Cedar Point).

4. Bradford County – none.

5. Brevard County

Class I

St. Johns River and Tributaries – Lake Washington Dam south through and including Sawgrass Lake, Lake Hellen Blazes, to Indian River County Line.

Class II Goat Creek.

Indian River – South from a line due east of Barnes Blvd. (SR 502) to South Section Line of Section 29, T26S, R37E, Palm Shores.

Indian River – From a line from Cape Malabar northeastward through Intracoastal Waterway marker 16, to shore, then southward to S. Brevard County Line.

Indian River – N. Brevard County Line south to Florida East Coast Railroad Crossing (vicinity of Jay Jay).

Kid Creek.

Mosquito Lagoon – North Brevard County Line south to Beach Road.

Trout Creek.

Indian River – The east side of the Intracoastal Waterway from SR 405 northward, to a line from the southern point of land at the mouth of Brock Creek to Intracoastal Waterway Channel Marker 33.

Indian River – From SR 405 south to SR 528.

6. Broward County – none.

7. Calhoun County

Class I

Bear Creek.

Econfina Creek.

8. Charlotte County

Class I

Alligator Creek – North and South Prongs from headwaters to the water control structure downstream of SR 765-A.

Port Charlotte Canal System – Surface waters lying upstream of, or directly connected to, Fordham Waterway upstream of Conway Boulevard.

Prairie Creek – DeSoto County Line and headwaters to Shell Creek.

Shell Creek – Headwaters to Hendrickson Dam (east of Myrtle Slough, in Section 20, T40S, R24E).

Class II

Lemon Bay, Placida Harbor, and Tributaries – N. Charlotte County Line south to Gasparilla Sound and bounded on the east by SR 775.

Charlotte Harbor, Myakka River, and Gasparilla South – Waters except Peace River upstream from the northeastern point of Myakka Cutoff to the boat ramp in Ponce de Leon Park in south Punta Gorda, Catfish Creek north of N. Lat. 26º50'56", and Whidden Creek north of N. Lat. 26º 51'15".

9. Citrus County

Class II Coastal Waters – From the southern side of the Cross Florida Barge Canal southward to the Hernando County line, with the exception of Crystal River (from the southern shore at the mouth of Cedar Creek to Shell Point to the westernmost tip of Fort Island), Salt River (portion generally east and southward along the eastern edge of the islands bordering the Salt River and Dixie Bay to St. Martins River), and St. Martins River from its mouth to Greenleaf Bay.

10. Clay County – none.

11. Collier County

Class II

Cocohatchee River.

Connecting Waterways – From Wiggins Pass south to Outer Doctors Bay.

Dollar Bay.

Inner and Outer Clam Bay.

Inner and Outer Doctors Bay.

Little Hickory Bay.

Tidal Bays and Passes – Naples Bay and south and easterly through Rookery Bay and the Ten Thousand Islands to the Monroe County Line.

Wiggins Pass.

12. Columbia County – none.

13. Dade County – none.

14. DeSoto County

Class I

Horse Creek – From the northern border of Section 14, T38S, R23E, southward to Peace River.

Prairie Creek – Headwaters to Charlotte County Line.

15. Dixie County

Class II

Coastal Waters – From an east-west line through Stuart Point southward to the County line, excluding the mouth of the Suwannee River and its passes.

16. Duval County

Class II

Ft. George River and Simpson Creeks – Ft. George Inlet north to Nassau Sound.
Intracoastal Waterway and Tributaries – Confluence of Nassau and Amelia Rivers south to Flashing Marker 73 thence eastward along Ft. George River to Ft. George Inlet and includes Garden Creek.
Nassau River and Creek – From the mouth of Nassau Sound, (a line connecting the northeasternmost point of Little Talbot Island to the southeasternmost tip of Amelia Island westerly to a north-south line through Seymore Point.
Pumpkinhill Creek.

17. Escambia County

Class II

Escambia Bay – Louisville and Nashville Railroad Trestle south to Pensacola Bay (Line from Emanuel Point east northeasterly to Garcon Point).
Pensacola Bay – East of a line connecting Emanuel Point on the north to the south end of the Pensacola Bay Bridge (U.S. Highway 98).
Santa Rosa Sound – East of a line connecting Gulf Breeze approach to Pensacola Beach (Bascule Bridge), and Sharp Point with exception of the Navarre Beach area from a north-south line through Channel Marker 106 to Navarre Bridge.

18. Flagler County

Class II

Matanzas River (Intracoastal Waterway) – N. Flagler County Line south to an east-west line through Fl. Marker 109.
Pellicer Creek.

19. Franklin County

Class II

Alligator Harbor – East from a line from Peninsula Point north to St. James Island to mean high water.
Apalachicola Bay – with exception of an area encompassed within a 2-mile radius from Apalachicola entrance of John Gorrie Memorial Bridge.
East Bay and Tributaries – with the exception of area encompassed within 2-mile radius from Apalachicola entrance of John Gorrie Memorial Bridge.
Gulf of Mexico – North of a line from Peninsula Point on Alligator Point to the southeastern tip of Dog Island and bounded on the east by Alligator Harbor and west by St. George Sound.
Ochlockonee Bay – From the confluence of Sopchoppy and Ochlockonee Rivers eastward to a line through the two flashing beacons marking the end of the main channel and south channel, to the shoreline south of Bald Point north to the county line.
St. George Sound – Gulf of Mexico westerly to Apalachicola Bay.
St. Vincent Sound – Apalachicola Bay to Indian Pass.

20. Gadsden County

Class I

Holman Branch – SR 270-A to source.
Mosquito Creek – U.S. Highway 90 north to Florida State Line.
Quincy Creek – SR 65 to source.

21. Gilchrist County – none.

22. Glades County

Class I

Lake Okeechobee.

23. Gulf County

Class II

Indian Lagoon – West of Indian Pass and St. Vincent Sound.
St. Joseph Bay – South of a line from St. Joseph Point due east, excluding an area that is both within an arc 2.9 miles from the center of the mouth of Gulf County Canal and east of a line from St. Joseph Point to the northwest corner of section 13, T8S, R11W.

24. Hamilton County – none.

25. Hardee County – none.

26. Hendry County

Class I

Lake Okeechobee.

27. Hernando County – none.

28. Highlands County – none.

29. Hillsborough County

Class I

Cow House Creek – Hillsborough River to source.
Hillsborough River – City of Tampa Water Treatment Plant Dam to Flint Creek.

Class II

Old Tampa Bay – Waters within Hillsborough County between SR 60 (Courtney Campbell Parkway), and Interstate 275 (Howard Frankland Bridge), to the line of mean high water.

Old Tampa Bay and Mobbly Bay – Beginning at the intersection of the north shore of SR 60 (Courtney Campbell Parkway) and Longitude 82º35'45" west, thence due north to the line of mean high water, thence westward along the line of mean high water, (except Rocky and Double Branch Creeks which are included only to SR 580), and up Channel A to a line connecting the lines of mean high water on the outer sides of the canal banks, to the county line, thence southerly along the county line to SR 60, thence along the north shore of SR 60 to the point of beginning.

Tampa Bay – Beginning at Gadsden Point, thence along a line connecting Gadsden Point and the intersection of Gadsden Point Cut and Cut "A" to a point one-half nautical mile inside said intersection, thence westward along a line one-half nautical mile inside and parallel to Gadsden Point Cut, Cut "G", Cut "J", Cut "J2", and Cut "K", to the line of mean high water, thence along the line of mean high water to the point of beginning.

Tampa Bay – Beginning at the intersection of the Hillsborough County Line and the line of mean high water, thence to the rear range marker of Cut "D", thence northerly along the line of Cut "D" range to a point one-half nautical mile inside the southern boundary of Cut "C", thence along a line one-half mile inside and parallel to Cut "C", Cut "D", and Cut "E" to a point with Latitude 27º45'40" north and Longitude 82º30'40" west, thence to a point Latitude 27º47' north and Longitude 82º27' west, thence on a true bearing of 140º to the line of mean high water, thence along the line of mean high water southward to the western tip of Mangrove Point, thence to the northwestern tip of Tropical Island, thence eastward along the line of mean high water to the eastern tip of Goat Island, thence due south to the line of mean high water, thence generally southward along the line of mean high water to the point of beginning.

Tampa Bay – Hillsborough County portion west of the Sunshine Skyway (excluding Tampa Harbor Channel) up to the line of mean high water.

30. Holmes County – none.

31. Indian River County

Class I

St. Johns River and Tributaries – Brevard County Line south through and including Blue Cypress Lake to SR 60.

Class II Indian River – Indian River County Line south to SR 510 east of the Intracoastal Waterway channel centerline.

Indian River – SR 510 south to an east-west line from the north side of the North Relief Canal.

Indian River – From an east-west line through the northernmost point of Round Island south to county line and east of Intracoastal Waterway centerline.

32. Jackson County

Class I

Econfina Creek – Bay County to source.

33. Jefferson County

Class II

Coastal Waters – Within the county, excluding the mouth of Aucilla River.

34. Lafayette County – none.

35. Lake County – none.

36. Lee County

Class I

Caloosahatchee River – E. Lee County Line to South Florida Water Management District Structure 79.

Class II

Charlotte Harbor.

Matanzas Pass, Hurricane Bay, and Hell Peckish (Peckney) Bay – From San Carlos Bay to a line from Estero Island through the southernmost tip of the unnamed island south of Julies Island, northeastward to the southernmost point of land in section 27, T46S, R24E.

Matlacha Pass – Charlotte Harbor to San Carlos Bay.

Pine Island Sound – Charlotte Harbor to San Carlos Bay.

San Carlos Bay – From a line from point Ybel to Bodwitch Point northward to a line from the eastern point at the mouth of Punta Blanca Creek, southeast through the southern point of Big Shell Island to the mainland and westward to Pine Island Sound.

37. Leon County – none.

38. Levy County

Class II

Coastal Waters and Tidal Creeks – Within the county excluding:

a. The mouth of the Suwannee River, and its passes;

b. Alligator Pass to a line connecting the seawardmost points of the islands connecting Alligator Pass with the Gulf;

c. Cedar Key area – from SR 24 bridge at the northernmost point of Rye Key, southwestward to the northernmost point of Gomez Key, then southward to the westernmost point of Seahorse Key, then along the southern shoreline of Seahorse Key to its easternmost point, then northeastward to the southernmost point of Atsena Otie Key, then northward along the eastern shoreline of Atsena Otie Key to its northeasternmost point, then northward to the southernmost point of Dog Island, northwestward to the westernmost point of Scale Key, northwestward to the boundary marker piling, then northward to the point of beginning;

d. The mouth of the Withlacoochee River.

39. Liberty County – none.

40. Madison County – none.

41. Manatee County

Class I

Manatee River – From Rye Bridge Road to the sources thereof, including but not limited to the following tributaries: the East Fork of the Manatee River, the North Fork of the Manatee River, Boggy Creek, Gilley Creek, Poley Branch, Corbit Branch, Little Deep Branch, Fisher Branch, Ft. Crawford Creek, Webb Branch, Clearwater Branch, Craig Branch, and Guthrey Branch.

Lake Evers (Ward Lake) and Braden River – City of Bradenton Water Treatment Dam to SR 675, excluding upland cut irrigation or drainage ditches and including the following tributaries:

Tributary	Upstream Limit(s)
a. Rattlesnake Slough	Lockwood Ridge Road in Section 28, Township 35 South, Range 18 East.
b. Cedar Creek	
West Branch	Whitfield Avenue in Section 27, Township 35 South, Range 18 East.
Central Branch	Country Club Way in Section 34, Township 35 South, Range 18 East.
East Branch	To a point where an east-west line lying 1200 feet south of the section line between Sections 23 and 26 (Township 35 South, Range 18 East) crosses the tributary.
c. Cooper Creek	
West Branch (Foley Branch)	South Boundary of Section 1, Township 36 South, Range 18 East.
East Branch	East Boundary of Section 31, Township 35 South, Range 19 East.
d. Nonsense Creek	To a point where an east-west line lying 800 feet North of the section line between Sections 14 and 23 (Township 35 South, Range 18 East) crosses the creek.
e. Hickory Hamock	To a point where an east-west line lying 1000 feet South of the section line between Sections 17 and 20 (Township 35 South, Range 19 East) crosses the creek.
f. Wolf Slough	East Boundary of Section 16, Township 35 South, Range 19 East.
g. Unnamed Tributary 1	To a point where an east-west line lying 2300 feet south of the section line between Sections 21 and 28 (Township 35 South, Range 19 East) crosses the tributary.
h. Unnamed Tributary 2	East Boundary of Section 14, Township 35 South, Range 19 East.
i. Unnamed Tributary 3	West Boundary of Section 25, Township 35 South, Range 19 East.
j. Unnamed Tributary 4	To a point where a north-south line lying 200 feet East of the section line between Sections 23 and 24 (Township 35 South, Range 19 East) crosses the tributary.

Class II

Gulf and Coastal Waters of Tampa Bay – (Including, but not limited to Terra Ceia Bay, Perico Bayou, Palma Sola Bay, and Sarasota Bay), excluding waters northward of a line from the southern shore of the mouth of Little Redfish Creek northwesterly through the red marker (approximately one nautical mile away) to the county line; Manatee River upstream of a line from Emerson Pt. to Mead Pt.

Gulf Waters – North of 27º31' N. Lat.

42. Marion County – none.
43. Martin County

Class I

Lake Okeechobee.

Class II

Great Pocket – St. Lucie River to Peck's Lake.
Indian River – N. Martin County Line south to the mouth of St. Lucie Inlet, east of the Intracoastal Waterway Channel centerline.
Loxahatchee River – West of the Florida East Coast Railroad Bridge including Southwest, Northwest, and North Forks.

44. Monroe County

Class II

Monroe County Coastline – From Collier and Dade County Lines southward to and including that part of Florida Bay within Everglades National Park.

45. Nassau County

Class II

Alligator Creek.
Nassau River and Creek – From the mouth of Nassau Sound (a line connecting the northeasternmost point of Little Talbot Island to the southeasternmost point of Amelia Island) westerly to Seymore Point.
South Amelia River – Nassau River north to a line from the northern shore of the mouth of Alligator Creek to the northernmost shore of Harrison Creek.
Waters between South Amelia River and Alligator Creek.

46. Okaloosa County

Class II

Choctahatchee Bay and Tributaries – From a line from White Point southwesterly through Fl. Light Marker 2 of the Intracoastal Waterway, eastward to the county line, including East Pass.
Rocky Bayou – Choctahatchee Bay (from a line extending due east from Shirk Point) to Rocky Creek.
Santa Rosa Sound – From a north-south line through Manatee Point west to the Santa Rose County Line.

47. Okeechobee County

Class I

Lake Okeechobee.

48. Orange County – none.
49. Osceola County – none.
50. Palm Beach County

Class I

Canal C-18 (freshwater portion).
City of West Palm Beach Water Catchment Area.
Clear Lake, Lake Mangonia, and the waterway connecting them.
Lake Okeechobee.
M-Canal – L-8 to Lake Mangonia.

Class II

Canal C-18 – Salinity barrier to Loxahatchee River.
Loxahatchee River – Upstream of Florida East Coast railroad bridge including Southwest, Northwest, and North Forks.

51. Pasco County – none.
52. Pinellas County

Class II

Old Tampa Bay, Mobbly Bay and Tampa Bay – South and westward to Sunshine Skyway (SR 55), except Safety Harbor north of an east-west line through Phillipi Point.
Tampa Bay and Gulf waters – West of Sunshine Skyway (SR 55), excluding waters north of SR 682 and waters that are both west of Pinellas Bayway and north of an east-west line through the southernmost point of Pine Key.

53. Polk County – none.
54. Putnam County – none.
55. St. Johns County

Class II

Guano River and Tributaries – From Guano Lake Dam south to Tolomato River.
Matanzas River, Intracoastal Waterway and Tributaries, excluding Treasure Beach Canal System – From Intracoastal Waterway Marker number 29, south to Flagler County Line.
Pellicer Creek.
Salt Run – Waters south of an east-west line connecting Lighthouse Park boat ramp with Conch Island.
Tolomato River (North River) and Tributaries – From a line connecting Spanish Landing to Booth Landing, south to an east-west line through Intracoastal Waterway Marker number 55.

56. St. Lucie County

Class II

Indian River – From Middle Point south to S. St. Lucie County Line, east of Intracoastal Waterway Channel centerline.
Indian River – N. St. Lucie County Line south to an east-west line through the southern point of Fishhouse Cove.

57. Santa Rosa County

Class II

Blackwater Bay – From a line connecting Robinson's Point to Broad River south to East Bay (line due west from Escribano Point).
East Bay and Tributaries – Blackwater Bay (line due west from Escribano Point) southerly to Pensacola Bay (line from Garcon Point on the north to Redfish Point on the south).
Escambia Bay – Louisville and Nashville Railroad Trestle south to Pensacola Bay (Line from Emanuel Point east northeasterly to Garcon Point).
Pensacola Bay – East of a line connecting Emanuel Point on the north to the south end of the Pensacola Bay Bridge (U.S. Highway 98).
Santa Rosa Sound – From a line connecting Gulf Breeze approach to Pensacola Beach, (Bascule Bridge), and Sharp Point, east to Santa Rosa/Okaloosa County line with exception of the Navarre Beach area from a north-south line through Channel Marker 106 eastward to Navarre Beach Toll Road.

58. Sarasota County

Class I

Big Slough Canal – South to U.S. 41.
Cooper Creek (Foley Branch) upstream to the South boundary of Section 1, Township 36 South, Range 18 East.
Myakka River – From the Manatee County line southwesterly through Upper and Lower Myakka Lakes to Manhattan Farms (north line of Section 6 T39S, R20E).

Class II

Lemon Bay – From a line eastward from the northern shore of the mouth of Forked Creek south to Charlotte County Line.
Myakka River – From the western line of section 35, T39S, R20E south to Charlotte County Line.
Sarasota Bay – West of the Intracoastal Waterway Channel centerline.

59. Seminole County – none.
60. Sumter County – none.
61. Suwannee County – none.
62. Taylor County

Class V

Fenholloway River. Repealed effective December 31, 1997.

63. Union County – none.
64. Volusia County

Class II

Indian River North, Indian River Lagoon, and Mosquito Lagoon from an east-west line through Intracoastal Waterway Channel Marker 57 south to S. Volusia County Line.
Indian River – North of County Line.

65. Wakulla County

Class II

Coastal Waters and Tributaries – From Jefferson County Line westward with the exception of Spring Creek and the portion of King Bay (Dickerson Bay) west and north of a line from the westernmost tip of Porter Island south to Hungry Point, and Walker Creek north of a line from Live Oak Point southwest across the Creek to the closest tip of Shell Point.

66. Walton County

Class II

Choctawhatchee Bay and Tributaries – Except waters north of a line from Alaqua Point to Wheeler Point.

67. Washington County

Class I

Econfina Creek.

Specific Authority 403.061, 403.062, 403.087, 403.088, 403.504, 403.704, 403.804 FS. Law Implemented 403.021, 403.061, 403.087, 403.088, 403.141, 403.161, 403.182, 403.502, 403.504, 403.702, 403.708 FS. History–Formerly 28-5.06, 17-3.06, Amended and Renumbered 3-1-79, Amended 1-1-83, 2-1-83, Formerly 17-3.081, Amended 4-25-93, Formerly 17-302.400, Amended 12-26-96, 8-24-00.

62-302.500 Surface Waters: Minimum Criteria, General Criteria.

(1) Minimum Criteria. All surface waters of the State shall at all places and at all times be free from:

(a) Domestic, industrial, agricultural, or other man-induced non-thermal components of discharges which, alone or in combination with other substances or in combination with other components of discharges (whether thermal or non-thermal):

1. Settle to form putrescent deposits or otherwise create a nuisance; or

2. Float as debris, scum, oil, or other matter in such amounts as to form nuisances; or

3. Produce color, odor, taste, turbidity, or other conditions in such degree as to create a nuisance; or

4. Are acutely toxic; or

5. Are present in concentrations which are carcinogenic, mutagenic, or teratogenic to human beings or to significant, locally occurring, wildlife or aquatic species, unless specific standards are established for such components in subsection 62-302.500(2) or Rule 62-302.530, F.A.C.; or

6. Pose a serious danger to the public health, safety, or welfare.

(b) Thermal components of discharges which, alone, or in combination with other discharges or components of discharges (whether thermal or non-thermal):

1. Produce conditions so as to create a nuisance; or

2. Do not comply with applicable provisions of subsection 62-302.500(3), F.A.C.

(c) Silver in concentrations above 2.3 micrograms/liter in predominently marine waters.

(2) General Criteria.

(a) The criteria of surface water quality provided in subsection 62-302.500(2) and Rule 62-302.530, F.A.C., shall apply to all surface waters outside zones of mixing except:

1. Where inconsistent with the limitations of Section 403.061(7), F.S.; or

2. Where relief from such criteria has been granted pursuant to other applicable rules of the Department.

(b) The Department may establish a Technical Advisory Committee on request or on its own initiative, to review and advise the Department about the sufficiency and validity of data or methodologies and the need for revision of numerical surface water quality criteria established in this rule chapter. The committee shall be appointed by the Secretary and consist of professionals knowledgeable about the specific criteria to be reviewed. The committee shall be chaired by a representative of the Department and shall meet at the call of the chair. Any findings, conclusions, or recommendations of the commmittee shall be conveyed to the Secretary and to the chair of the Commission but shall not bind the Department.

(c) Effluent limits may be established for pollutants for which analytical detection limits are higher than the established water quality criteria based upon computation of concentrations in the receiving waters. Effluent limits will be established on site-specific conditions in the context of a Department permit. Monitoring reports and permit applications shall specify the detection limits and indicate non-detectable results in such cases. Unless otherwise specified, such non-detectable results shall be accepted as demonstrating compliance for that pollutant as long as specified effluent limits are met.

(d) Criteria for metals in Rule 62-302.530 and paragraph 62-302.500(1)(c), F.A.C., are measured as total recoverable metal. However, cadmium, chromium, copper, lead, nickel, silver, and zinc may be applied as dissolved metals when, as part of a permit application, a dissolved metals translator has been established according to the procedures described in the document, “Guidance for Establishing a Metals Translator”, Florida Department of Environmental Protection, December 17, 2001.

(e) A violation of any surface water quality criterion as set forth in this chaper constitutes pollution. For certain pollutants, numeric criteria have been established to protect human health from an unacceptable risk of additional cancer caused by the consumption of water or aquatic organisms. These numeric criteria are based on annual average flow conditions. However, this allowable annual average does not relieve any activity from complying with subsection 62-302.500(1), Rule 62-302.530, F.A.C., or any other provision of water quality standards.

(f) Notwithstanding the specific numerical criteria applicable to individual classes of water, dissolved oxygen levels that are attributable to natural background conditions or man-induced conditions which cannot be controlled or abated may be established as alternative dissolved oxygen criteria for a water body or portion of a water body. Alternative dissolved oxygen criteria may be established by the Secretary or a Director of District Management in conjunction with the issuance of a permit or other Department action only after public notice and opportunity for public hearing. The determination of alternative criteria shall be based on consideration of the factors described in subparagraphs 62-302.800(1)(a)1.-4., F.A.C. Alternative criteria shall not result in a lowering of dissolved oxygen levels in the water body, water body segment or any adjacent waters, and shall not violate the minimum criteria specified in subsection 62-302.500(1), F.A.C. Daily and seasonal fluctuations in dissolved oxygen levels shall be maintained.

Specific Authority 403.061, 403.062, 403.087, 403.504, 403.704, 403.804 FS. Law Implemented 403.021, 403.061, 403.087, 403.088, 403.141, 403.161, 403.182, 403.502, 403.702, 403.708 FS. History–Formerly 28-5.02, 17-3.02, Amended 10-28-78, Amended and Renumbered 3-1-79, Amended 1-1-83, 10-4-89, Formerly 17-3.051, Amended 4-25-93, Formerly 17-302.500, Amended 1-15-96, 12-26-96, 5-15-02.

62-302.520 Thermal Surface Water Criteria.

All discharges or proposed discharges of heated water into receiving bodies of water (RBW) which are controlled by the State shall be subjected to a thorough study to assess the consequences of the discharge upon the environment. The State shall be divided into two general climatological zones: Peninsular Florida, which varies from tropical in nature to temperate but is modified by the peninsular configuration and is the area south of latitude 30º N (excluding Gulf and Franklin Counties): and Northern Florida which is temperate and continental and is the area above latitude 30º N plus the portions of Gulf and Franklin Counties which lie below 30º N.

(1) Heated water discharges existing on July 1, 1972:

(a) Shall not increase the temperature of the RBW so as to cause substantial damage or harm to the aquatic life or vegetation therein or interfere with beneficial uses assigned to the RBW,

(b) Shall be monitored by the discharger to ensure compliance with this rule, and

(c) If the Department, pursuant to notice and opportunity for hearing, finds by a preponderance of the evidence that a discharge has caused substantial damage, it may require conversion of such discharge to offstream cooling or approved alternate methods. In making determinations regarding such conversions, the Department may consider:

1. The nature and extent of the existing damage;

2. The projected lifetime of the existing discharge;

3. Any adverse economic and environmental (including non-water quality) impacts which would result from such conversion; and

4. Such other factors as may be appropriate.

(2) Heated water sources proposed for future discharges into RBW controlled by the State shall not increase the water temperature by more than the monthly temperature limits prescribed for the particular type and location of the RBW. New sources shall include all expansions, modifications, alterations, replacements, or repairs which result in an increased output of ten percent (10%) or more of the level of energy production which existed on the date this rule became effective. Water temperatures shall be measured by procedures approved by the Florida Department of Environmental Protection (DEP). In all cases where a temperature rise above ambient is allowed and a maximum RBW temperature is also prescribed, the lower of the two limitations shall be the control temperature.

(3) Definitions.

(a) Ambient (natural) temperature of a RBW shall mean the existing temperature of the receiving water at a location which is unaffected by man-made thermal discharges and a location which is also of a depth and exposure to winds and currents which typify the most environmentally stable portions of the RBW.

(b) Coastal waters shall be all waters in the State which are not classified as fresh waters or as open waters.

(c) A cooling pond is a body of water enclosed by natural or constructed restraints which has been approved by the Florida DEP for purposes of controlling heat dissipation from thermal discharges.

(d) An existing heat source is any thermal discharge (a) which is presently taking place, or (b) which is under construction or for which a construction or operation permit has been issued prior to the effective date of this rule.

(e) Fresh waters shall be all waters of the State which are contained in lakes and ponds, or are in flowing streams above the zone in which tidal actions influence the salinity of the water and where the concentration of chloride ions is normally less than 1500 milligrams per liter.

(f) Open water shall be all waters in the State extending seaward from the most seaward 18-foot depth contour line (three-fathom bottom depth contour) which is offshore from any island; exposed or submerged bar or reef; or mouth of any embayment or estuary which is narrowed by headlands. Contour lines shall be determined from Coast and Geodetic Survey Charts.

(g) The point of discharge (POD) for a heated water discharge shall be primarily that point at which the effluent physically leaves its carrying conduit (open or closed), and discharges into the waters of the state, or, in the event it is not practicable to measure temperature at the end of the discharge conduit, a specific point designated by the Florida DEP for that particular thermal discharge.

(h) Heated water discharges are the effluents from commercial or industrial activities or processes in which water is used for the purpose of transporting waste heat, and which constitute heat sources of one million British Thermal Units per hour (1,000,000 BTU/HR.), or greater.

(i) Blowdown shall mean the minimum discharge of recirculating cooling water for the purpose of discharging materials contained in the water, the further buildup of which could cause concentrations in amounts exceeding limits established by best engineering practice.

(j) Recirculating cooling water shall mean water which is used for the purpose of removing waste heat and then passed through a cooling system for the purpose of removing such heat from the water and then, except for blowdown, is used again to remove waste heat.

(4) Monthly and Maximum Temperature Limits.

(a) Fresh Waters – Heated water with a temperature at the POD more than 5º F higher than the ambient (natural) temperature of any stream shall not be discharged into such stream. At all times under all conditions of stream flow the discharge temperature shall be controlled so that at least two-thirds (2/3) of the width of the stream's surface remains at ambient (natural) temperature. Further, no more than one-fourth (1/4) of the cross-section of the stream at a traverse perpendicular to the flow shall be heated by the discharge. Heated water with a temperature at the POD more than 3º F higher than the ambient (natural) temperature of any lake or reservoir shall not be discharged into such lake or reservoir. Further, no heated water with a temperature above 90º F shall be discharged into any fresh waters in Northern Florida regardless of the ambient temperature of the RBW. In Peninsular Florida, heated waters above 92º F shall not be discharged into fresh waters.

(b) Coastal Waters – Heated water with a temperature at the POD more than 2º F higher than the ambient (natural) temperature of the RBW shall not be discharged into coastal waters in any zone during the months of June, July, August, and September. During the remainder of the year, heated water with a temperature at the POD more than 4º F higher than the ambient (natural) temperature

of the RBW shall not be discharged into coastal waters in any zone. In addition, during June, July, August, and September, no heated water with a temperature above 92º F shall be discharged into coastal waters. Further, no heated water with a temperature above 90º F shall be discharged into coastal waters during the period October thru May.

(c) Open Waters – Heated water with a temperature at the POD up to 17º F above ambient (natural) temperature of the RBW may be discharged from an open or closed conduit into open waters under the following restraints: The surface temperature of the RBW shall not be raised to more than 97º F and the POD must be sufficient distance offshore to ensure that the adjacent coastal waters are not heated beyond the temperatures permitted in such waters.

(d) Cooling Ponds – The temperature for heated water discharged from a cooling pond shall be measured at the POD from the pond, and the temperature limitation shall be that specified for the RBW.

(5) General.

(a) Daily and seasonal temperature variations that were normal to the RBW before the addition of heat from other than natural causes shall be maintained.

(b) Recapitulation of temperature limitations prescribed above:

			COASTAL		
ZONE	STREAMS	LAKES	SUMMER	REMAINDER	OPEN
NORTH.	90º F Max.	90º F Max.	92º F Max.	90º F Max.	97º F Max.
	AM + 5º F	AM + 3º F	AM + 2º F	AM + 4º F	AM + 17º F
PENIN.	92º F Max.	92º F Max.	92º F Max.	90º F Max.	97º F Max.
	AM + 5º F	AM + 3º F	AM + 2º F	AM + 4º F	AM + 17º F

(6) Upon application on a case-by-case basis, the Department may establish a zone of mixing beyond the POD to afford a reasonable opportunity for dilution and mixture of heated water discharges with the RBW, in the following manner:

(a) Zones of mixing for thermal discharges from non-recirculated cooling water systems and process water systems of new sources shall be allowed if supported by a demonstration, as provided in Section 316(a), Public Law 92-500 and regulations promulgated thereunder, including 40 C.F.R. Part 122, by an applicant that the proposed mixing zone will assure the protection and propagation of a balanced, indigenous population of shellfish, fish and wildlife in and on the body of water into which the discharge is to be made and such demonstration has not been rebutted. It is the intent of the Commission that to the extent practicable, proceedings under this provision should be conducted jointly with proceedings before the federal government under Section 316(a), Public Law 92-500.

(b) Zones of mixing for blowdown discharges from recirculated cooling water systems, and for discharges from non-recirculated cooling water systems of existing sources, shall be established on the basis of the physical and biological characteristics of the RBW.

(c) When a zone of mixing is established pursuant to this subsection 62-302.520(6), F.A.C., any otherwise applicable temperature limitations contained in Rule 62-302.520, F.A.C., shall be met at its boundary; however, the Department may also establish maximum numerical temperature limits to be measured at the POD and to be used in lieu of the general temperature limits in Rule 62-302.520, F.A.C., to determine compliance by the discharge with the established mixing zone and the temperature limits in Rule 62-302.520, F.A.C.

Specific Authority 403.061, 403.062, 403.087, 403.504, 403.704, 403.804 FS. Law Implemented 403.021, 403.061, 403.087, 403.088, 403.141, 403.161, 403.182, 403.502, 403.702, 403.708 FS. History–Formerly 28-5.02, 17-3.02, Amended 10-28-70, Amended and Renumbered 3-1-79, Formerly 17-3.05, 17-3.050, 17-302.520.

62-302.530 Table: Surface Water Quality Criteria.

The following table contains both numeric and narrative surface water quality criteria to be applied except within zones of mixing. The left-hand column of the Table is a list of constituents for which a surface water criterion exists. The headings for the water quality classifications are found at the top of the Table. Applicable criteria lie within the Table. The individual criteria should be read in conjunction with other provisions in water quality standards, including Rule 62-302.500, F.A.C. The criteria contained in Rule 62-302.500, F.A.C., also apply to all waters unless alternative or more stringent criteria are specified in Rule 62-302.530, F.A.C. Unless otherwise stated, all criteria express the maximum not to be exceeded at any time. In some cases, there are separate or additional limits, which apply independently of the maximum not to be exceeded at any time. For example, annual average (denoted as “annual avg.” in the Table) means the maximum concentration at average annual flow conditions (see subsection 62-302.200(2), F.A.C.).

62-302.530, Criteria for Surface Water Quality Classifications

Parameter	Units	Class I: Potable Water Supply	Class II: Shellfish Propagation or Harvesting	Class III: Recreation, Propagation and Maintenance of a Healthy, Well-Balanced Population of Fish and Wildlife		Class IV: Agricultural Water Supplies	Class V: Navigation, Utility, and Industrial Use
				Predominantly Fresh Waters	Predominantly Marine Waters		
(1) Alkalinity	Milligrams/L as $CaCO_3$	Shall not be depressed below 20		Shall not be depressed below 20		≤ 600	
(2) Aluminum	Milligrams/L		≤ 1.5		≤ 1.5		
(3) Ammonia (un-ionized)	Milligrams/L as NH_3	≤ 0.02		≤ 0.02			
(4) Antimony	Micrograms/L	≤ 14.0	≤ 4,300	≤ 4,300	≤ 4,300		
(5) (a) Arsenic (total)	Micrograms/L	≤ 50	≤ 50	≤ 50	≤ 50	≤ 50	≤ 50
(5) (b) Arsenic (trivalent)	Micrograms/L measured as total recoverable Arsenic		≤ 36		≤ 36		

Notes: (1) "ln H" means the natural logarithm of total hardness expressed as milligrams/L of $CaCO_3$. For metals criteria involving equations with hardness, the hardness shall be set at 25 mg/L if actual hardness is < 25 mg/L and set at 400 mg/L if actual hardness is > 400 mg/L. (2) This criterion is protective of human health not of aquatic life. (3) For application of dissolved metals criteria see 62-302.500(2)(d), F.A.C.

Parameter	Units	Class I	Class II	Class III: Fresh	Class III: Marine	Class IV	Class V
(6) Bacteriological Quality (Fecal Coliform Bacteria)	Number per 100 ml (Most Probable Number (MPN) or Membrane Filter (MF))	MPN or MF counts shall not exceed a monthly average of 200, nor exceed 400 in 10% of the samples, nor exceed 800 on any one day. Monthly averages shall be expressed as geometric means based on a minimum of 5 samples taken over a 30 day period.	MPN shall not exceed a median value of 14 with not more than 10% of the samples exceeding 43, nor exceed 800 on any one day.	MPN or MF counts shall not exceed a monthly average of 200, nor exceed 400 in 10% of the samples, nor exceed 800 on any one day. Monthly averages shall be expressed as geometric means based on a minimum of 10 samples taken over a 30 day period.	MPN or MF counts shall not exceed a monthly average of 200, nor exceed 400 in 10% of the samples, nor exceed 800 on any one day. Monthly averages shall be expressed as geometric means based on a minimum of 10 samples taken over a 30 day period.		
(7) Bacteriological Quality (Total Coliform Bacteria)	Number per 100 ml (Most Probable Number (MPN) or Membrane Filter (MF))	$\leq$ 1,000 as a monthly avg., nor exceed 1,000 in more than 20% of samples examined during any month, nor exceed 2,400 at any time, using either MPN or MF counts.	Median MPN shall not exceed 70, and not more than 10% of the samples shall exceed an MPN of 230.	$\leq$ 1,000 as a monthly average;, nor exceed 1,000 in more than 20% of the samples examined during any month; $\leq$ 2,400 at any time. Monthly averages shall be expressed as geometric means based on a minimum of 10 samples taken over a 30 day period, using either the MPN or MF counts.	$\leq$ 1,000 as a monthly average;, nor exceed 1,000 in more than 20% of the samples examined during any month; $\leq$ 2,400 at any time. Monthly averages shall be expressed as geometric means based on a minimum of 10 samples taken over a 30 day period, using either the MPN or MF counts.		
(8) Barium	Milligrams/L	$\leq$ 1					
(9) Benzene	Micrograms/L	$\leq$ 1.18	$\leq$ 71.28 annual avg.	$\leq$ 71.28 annual avg.	$\leq$ 71.28 annual avg.		

Notes: (1) "ln H" means the natural logarithm of total hardness expressed as milligrams/L of $CaCO_3$. For metals criteria involving equations with hardness, the hardness shall be set at 25 mg/L if actual hardness is < 25 mg/L and set at 400 mg/L if actual hardness is > 400 mg/L. (2) This criterion is protective of human health not of aquatic life. (3) For application of dissolved metals criteria see 62-302.500(2)(d), F.A.C.

Parameter	Units	Class I	Class II	Class III: Fresh	Class III: Marine	Class IV	Class V
(10) Beryllium	Micrograms/L	≤ 0.0077 annual avg.	≤ 0.13 annual avg.	≤ 0.13 annual avg.	≤ 0.13 annual avg.	≤ 100 in waters with a hardness in mg/L of $CaCO_3$ of less than 250 and shall not exceed 500 in harder waters	
(11) Biological Integrity	Per cent reduction of Shannon-Weaver Diversity Index	The Index for benthic macroinvertebrates shall not be reduced to less than 75% of background levels as measured using organisms retained by a U. S. Standard No. 30 sieve and collected and composited from a minimum of three Hester-Dendy type artificial substrate samplers of 0.10 to 0.15 m^2 area each, incubated for a period of four weeks.	The Index for benthic macroinvertebrates shall not be reduced to less than 75% of established background levels as measured using organisms retained by a U. S. Standard No. 30 sieve and collected and composited from a minimum of three natural substrate samples, taken with Ponar type samplers with minimum sampling area of 225 cm^2.	The Index for benthic macroinvertebrates shall not be reduced to less than 75% of established background levels as measured using organisms retained by a U. S. Standard No. 30 sieve and collected and composited from a minimum of three Hester-Dendy type artificial substrate samplers of 0.10 to 0.15 m^2 area each, incubated for a period of four weeks.	The Index for benthic macroinvertebrates shall not be reduced to less than 75% of established background levels as measured using organisms retained by a U. S. Standard No. 30 sieve and collected and composited from a minimum of three natural substrate samples, taken with Ponar type samplers with minimum sampling area of 225 cm^2.		
(12) BOD (Biochemical Oxygen Demand)		Shall not be increased to exceed values which would cause dissolved oxygen to be depressed below the limit established for each class and, in no case, shall it be great enough to produce nuisance conditions.					
(13) Boron	Milligrams/L					≤ 0.75	
(14) Bromates	Milligrams/L		≤ 100		≤ 100		
(15) Bromine (free molecular)	Milligrams/L		≤ 0.1		≤ 0.1		
(16) Cadmium	Micrograms/L. See Notes (1) and (3).	Cd ≤ $e^{(0.7852[\ln H]-3.49)}$	≤ 9.3	Cd ≤ $e^{(0.7852[\ln H]-3.49)}$	≤ 9.3		

Notes: (1) "ln H" means the natural logarithm of total hardness expressed as milligrams/L of $CaCO_3$. For metals criteria involving equations with hardness, the hardness shall be set at 25 mg/L if actual hardness is < 25 mg/L and set at 400 mg/L if actual hardness is > 400 mg/L. (2) This criterion is protective of human health not of aquatic life. (3) For application of dissolved metals criteria see 62-302.500(2)(d), F.A.C.

Parameter	Units	Class I	Class II	Class III: Fresh	Class III: Marine	Class IV	Class V
(17) Carbon tetrachloride	Micrograms/L	≤ 0.25 annual avg.; 3.0 max	≤ 4.42 annual avg.	≤ 4.42 annual avg.	≤ 4.42 annual avg.		
(18) Chlorides	Milligrams/L	≤ 250	Not increased more than 10% above normal background. Normal daily and seasonal fluctuations shall be maintained.		Not increased more than 10% above normal background. Normal daily and seasonal fluctuations shall be maintained.		In predominantly marine waters, not increased more than 10% above normal background. Normal daily and seasonal fluctuations shall be maintained.
(19) Chlorine (total residual)	Milligrams/L	≤ 0.01	≤ 0.01	≤ 0.01	≤ 0.01		
(20) (a) Chromium (trivalent)	Micrograms/L measured as total recoverable Chromium See Notes (1) and (3).	Cr (III) ≤ $e^{(0.819[ln(H)]+0.6848)}$		Cr (III) ≤ $e^{(0.819[ln(H)]+0.6848)}$		Cr (III) ≤ $e^{(0.819[ln(H)]+0.6848)}$	In predominantly fresh waters, ≤ $e^{(0.819[ln(H)]+0.6848)}$
(20) (b) Chromium (hexavalent)	Micrograms/L See Note (3).	≤ 11	≤ 50	≤ 11	≤ 50	≤ 11	In predominantly fresh waters, ≤ 11. In predominantly marine waters, ≤ 50
(21) Chronic Toxicity (see definition in Section 62-302.200(3), F.A.C. and also see below, "Substances in concentrations which...")							

Notes: (1) "ln H" means the natural logarithm of total hardness expressed as milligrams/L of $CaCO_3$. For metals criteria involving equations with hardness, the hardness shall be set at 25 mg/L if actual hardness is < 25 mg/L and set at 400 mg/L if actual hardness is > 400 mg/L. (2) This criterion is protective of human health not of aquatic life. (3) For application of dissolved metals criteria see 62-302.500(2)(d), F.A.C.

Parameter	Units	Class I	Class II	Class III: Fresh	Class III: Marine	Class IV	Class V
(22) Color, etc. (see also Minimum Criteria, Odor, Phenols, etc.)	Color, odor, and taste producing substances and other deleterious substances, including other chemical compounds attributable to domestic wastes, industrial wastes, and other wastes					Only such amounts as will not render the waters unsuitable for agricultural irrigation, livestock watering, industrial cooling, industrial process water supply purposes, or fish survival.	
(23) Conductance, Specific	Micromhos/cm	Shall not be increased more than 50% above background or to 1275, whichever is greater		Shall not be increased more than 50% above background or to 1275, whichever is greater		Shall not be increased more than 50% above background or to 1275, whichever is greater	Shall not exceed 4,000
(24) Copper	Micrograms/L See Notes (1) and (3).	Cu ≤ $e^{(0.8545[\ln H]-1.702)}$	≤ 3.7	Cu ≤ $e^{(0.8545[\ln H]-1.702)}$	≤ 3.7	≤ 500	≤ 500
(25) Cyanide	Micrograms/L	≤ 5.2	≤ 1.0	≤ 5.2	≤ 1.0	≤ 5.0	≤ 5.0
(26) Definitions (see Section 62-302.200, F.A.C.)							
(27) Detergents	Milligrams/L	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5
(28) 1,1-Dichloroethylene (1,1-di-chloroethene)	Micrograms/L	≤ 0.057 annual avg.; ≤ 7.0 max	≤ 3.2 annual avg.	≤ 3.2 annual avg.	≤ 3.2 annual avg.		
(29) Dichloromethane (methylene chloride)	Micrograms/L	≤ 4.65 annual avg.	≤ 1,580 annual avg.	≤ 1,580 annual avg.	≤ 1,580 annual avg.		
(30) 2,4-Dinitrotoluene	Micrograms/L	≤ 0.11 annual avg.	≤ 9.1 annual avg.	≤ 9.1 annual avg.	≤ 9.1 annual avg.		

Notes: (1) "ln H" means the natural logarithm of total hardness expressed as milligrams/L of $CaCO_3$. For metals criteria involving equations with hardness, the hardness shall be set at 25 mg/L if actual hardness is < 25 mg/L and set at 400 mg/L if actual hardness is > 400 mg/L. (2) This criterion is protective of human health not of aquatic life. (3) For application of dissolved metals criteria see 62-302.500(2)(d), F.A.C.

Parameter	Units	Class I	Class II	Class III: Fresh	Class III: Marine	Class IV	Class V
(31) Dissolved Oxygen	Milligrams/L	Shall not be less than 5.0. Normal daily and seasonal fluctuations above this level shall be maintained.	Shall not average less than 5.0 in a 24-hour period and shall never be less than 4.0. Normal daily and seasonal fluctuations above these levels shall be maintained.	Shall not be less than 5.0. Normal daily and seasonal fluctuations above these levels shall be maintained.	Shall not average less than 5.0 in a 24-hour period and shall never be less than 4.0. Normal daily and seasonal fluctuations above these levels shall be maintained.	Shall not average less than 4.0 in a 24-hour period and shall never be less than 3.0.	Shall not be less than 0.3, fifty percent of the time on an annual basis for flows greater than or equal to 250 cubic feet per second and shall never be less than 0.1. Normal daily and seasonal fluctuations above these levels shall be maintained.
(32) Dissolved Solids	Milligrams/L	$\leq$ 500 as a monthly avg.; $\leq$ 1,000 max.					
(33) Fluoride	Milligrams/L	$\leq$ 1.5	$\leq$ 1.5	$\leq$ 10.0	$\leq$ 5.0	$\leq$ 10.0	$\leq$ 10.0
(34) "Free From" (see Minimum Criteria in Section 62-302.500, F.A.C.)							
(35) "General Criteria" (see Section 62-302.510, F.A.C. and individual criteria)							

Notes: (1) "ln H" means the natural logarithm of total hardness expressed as milligrams/L of $CaCO_3$. For metals criteria involving equations with hardness, the hardness shall be set at 25 mg/L if actual hardness is < 25 mg/L and set at 400 mg/L if actual hardness is > 400 mg/L. (2) This criterion is protective of human health not of aquatic life. (3) For application of dissolved metals criteria see 62-302.500(2)(d), F.A.C.

Parameter	Units	Class I	Class II	Class III: Fresh	Class III: Marine	Class IV	Class V
(36) (a) Haloeth-anes (Total trihalo-methanes) (total of bromoform, dibromodibromo-methane, dichlorobromomo- th-ane, and chloroform). Individual halomethanes shall not exceed (b)1. to (b)5. below.	Micrograms/L	≤ 100					
(36) (b) 1. Haloeth-anes (individual): Bromoform	Micrograms/L	≤ 4.3 annual avg.	≤ 360 annual avg.	≤ 360 annual avg.	≤ 360 annual avg.		
(36) (b) 2. Haloeth-anes (individual): Chlorodibromo-methane	Micrograms/L	≤ 0.41 annual avg.	≤ 34 annual avg.	≤ 34 annual avg.	≤ 34 annual avg.		
(36) (b) 3. Haloeth-anes (individual): Chloroform	Micrograms/L	≤ 5.67 annual avg.	≤ 470.8 annual avg.	≤ 470.8 annual avg.	≤ 470.8 annual avg.		
(36) (b) 4. Haloeth-anes (individual): Chloromethane (methyl chloride)	Micrograms/L	≤ 5.67 annual avg.	≤ 470.8 annual avg.	≤ 470.8 annual avg.	≤ 470.8 annual avg.		
(36) (b) 5. Haloeth-anes (individual): Dichlorobromo-meth-ane	Micrograms/L	≤ 0.27 annual avg.	≤ 22 annual avg.	≤ 22 annual avg.	≤ 22 annual avg.		
(37) Hexachlorobuta-diene	Micrograms/L	≤ 0.45 annual avg.	≤ 49.7 annual avg.	≤ 49.7 annual avg.	≤ 49.7 annual avg.		

Notes: (1) "ln H" means the natural logarithm of total hardness expressed as milligrams/L of $CaCO_3$. For metals criteria involving equations with hardness, the hardness shall be set at 25 mg/L if actual hardness is < 25 mg/L and set at 400 mg/L if actual hardness is > 400 mg/L. (2) This criterion is protective of human health not of aquatic life. (3) For application of dissolved metals criteria see 62-302.500(2)(d), F.A.C.

Parameter	Units	Class I	Class II	Class III: Fresh	Class III: Marine	Class IV	Class V
(38) Imbalance (see Nutrients)							
(39) Iron	Milligrams/L	≤ 0.3	≤ 0.3	≤ 1.0	≤ 0.3	≤ 1.0	
(40) Lead	Micrograms/L See Notes (1) and (3)	Pb ≤ $e^{(1.273[\ln H]-4.705)}$	≤ 8.5	Pb ≤ $e^{(1.273\ [\ln H]\ -4.705)}$	≤ 8.5	≤ 50	≤ 50
(41) Manganese	Milligrams/L		≤ 0.1				
(42) Mercury	Micrograms/L	≤ 0.012	≤ 0.025	≤ 0.012	≤ 0.025	≤ 0.2	≤ 0.2
(43) Minimum Criteria (see Section 62-302. 500, F.A.C.)							
(44) Mixing Zones (See Section 62-4.246, F.A.C.)							
(45) Nickel	Micrograms/L See Notes (1) and (3)	Ni ≤ $e^{(0.846[\ln H]+0.0584)}$	≤ 8.3	Ni ≤ $e^{(0.846[\ln H]+0.0584)}$	≤ 8.3	≤ 100	
(46) Nitrate	Milligrams/L as N	≤ 10 or that concentration that exceeds the nutrient criteria					
(47) Nuisance Species		Substances in concentrations which result in the dominance of nuisance species: none shall be present.					
(48) (a) Nutrients		The discharge of nutrients shall continue to be limited as needed to prevent violations of other standards contained in this chapter. Man-induced nutrient enrichment (total nitrogen or total phosphorus) shall be considered degradation in relation to the provisions of Sections 62-302.300, 62-302.700, and 62-4.242, F.A.C.					
(48) (b) Nutrients		In no case shall nutrient concentrations of a body of water be altered so as to cause an imbalance in natural populations of aquatic flora or fauna. [Note: For Class III waters in the Everglades Protection Area, this criterion has been numerically interpreted for phosphorus in Section 62-302.540, F.A.C.]					

Notes: (1) "ln H" means the natural logarithm of total hardness expressed as milligrams/L of $CaCO_3$. For metals criteria involving equations with hardness, the hardness shall be set at 25 mg/L if actual hardness is < 25 mg/L and set at 400 mg/L if actual hardness is > 400 mg/L. (2) This criterion is protective of human health not of aquatic life. (3) For application of dissolved metals criteria see 62-302.500(2)(d), F.A.C.

Parameter	Units	Class I	Class II	Class III: Fresh	Class III: Marine	Class IV	Class V
(49) Odor (also see Color, Minimum Criteria, Phenolic Compounds, etc.)	Threshold odor number		Shall not exceed 24 at 60 degrees C as a daily average.				Odor producing substances only in such amounts as will not unreasonably interfere with use of the water for the designated purpose of this classification.
(50) (a) Oils and Greases	Milligrams/L	Dissolved or emulsified oils and greases shall not exceed 5.0	Dissolved or emulsified oils and greases shall not exceed 5.0	Dissolved or emulsified oils and greases shall not exceed 5.0	Dissolved or emulsified oils and greases shall not exceed 5.0	Dissolved or emulsified oils and greases shall not exceed 5.0	Dissolved or emulsified oils and greases shall not exceed 10.0
(50) (b) Oils and Greases		No undissolved oil, or visible oil defined as iridescence, shall be present so as to cause taste or odor, or otherwise interfere with the beneficial use of waters.					
(51) **Pesticides and Herbicides**							
(51) (a) 2,4,5-TP	Micrograms/L	≤ 10					
(51) (b) 2-4-D	Micrograms/L	≤ 100					
(51) (c) Aldrin	Micrograms/L	≤ .00013 annual avg.; 3.0 max	≤ .00014 annual avg.; 1.3 max	≤ .00014 annual avg.; 3.0 max	≤ .00014 annual avg.; 1.3 max		
(51) (d) Beta-hexachlorocyclo-hexane (b-BHC)	Micrograms/L	≤ 0.014 annual avg.	≤ 0.046 annual avg.	≤ 0.046 annual avg.	≤ 0.046 annual avg.		
(51) (e) Chlordane	Micrograms/L	≤ 0.00058 annual avg.; 0.0043 max	≤ 0.00059 annual avg.; 0.004 max	≤ 0.00059 annual avg.; 0.0043 max	≤ 0.00059 annual avg.; 0.004 max		
(51) (f) DDT	Micrograms/L	≤ 0.00059 annual avg.; 0.001 max	≤ 0.00059 annual avg.; 0.001 max	≤ 0.00059 annual avg.; 0.001 max	≤ 0.00059 annual avg.; 0.001 max		
(51) (g) Demeton	Micrograms/L	≤ 0.1	≤ 0.1	≤ 0.1	≤ 0.1		

Notes: (1) "ln H" means the natural logarithm of total hardness expressed as milligrams/L of $CaCO_3$. For metals criteria involving equations with hardness, the hardness shall be set at 25 mg/L if actual hardness is < 25 mg/L and set at 400 mg/L if actual hardness is > 400 mg/L. (2) This criterion is protective of human health not of aquatic life. (3) For application of dissolved metals criteria see 62-302.500(2)(d), F.A.C.

Parameter	Units	Class I	Class II	Class III: Fresh	Class III: Marine	Class IV	Class V
(51) (h) Dieldrin	Micrograms/L	≤ 0.00014 annual avg.; 0.0019 max	≤ 0.00014 annual avg.; 0.0019 max	≤ 0.00014 annual avg.; 0.0019 max	≤ 0.00014 annual avg.; 0.0019 max		
(51) (i) Endosulfan	Micrograms/L	≤ 0.056	≤ 0.0087	≤ 0.056	≤ 0.0087		
(51) (j) Endrin	Micrograms/L	≤ 0.0023	≤ 0.0023	≤ 0.0023	≤ 0.0023		
(51) (k) Guthion	Micrograms/L	≤ 0.01	≤ 0.01	≤ 0.01	≤ 0.01		
(51) (l) Heptachlor	Micrograms/L	≤ 0.00021 annual avg.; 0.0038 max	≤ 0.00021 annual avg.; 0.0036 max	≤ 0.00021 annual avg.; 0.0038 max	≤ 0.00021 annual avg.; 0.0036 max		
(51) (m) Lindane (g-benzene hexachloride)	Micrograms/L	≤ 0.019 annual avg.; 0.08 max	≤ 0.063 annual avg.; 0.16 max	≤ 0.063 annual avg.; 0.08 max	≤ 0.063 annual avg.; 0.16 max		
(51) (n) Malathion	Micrograms/L	≤ 0.1	≤ 0.1	≤ 0.1	≤ 0.1		
(51) (o) Methoxychlor	Micrograms/L	≤ 0.03	≤ 0.03	≤ 0.03	≤ 0.03		
(51) (p) Mirex	Micrograms/L	≤ 0.001	≤ 0.001	≤ 0.001	≤ 0.001		
(51) (q) Parathion	Micrograms/L	≤ 0.04	≤ 0.04	≤ 0.04	≤ 0.04		
(51) (r) Toxaphene	Micrograms/L	≤ 0.0002	≤ 0.0002	≤ 0.0002	≤ 0.0002		
(52) (a) pH (Class I and Class IV Waters)	Standard Units	Shall not vary more than one unit above or below natural background provided that the pH is not lowered to less than 6 units or raised above 8.5 units. If natural background is less than 6 units, the pH shall not vary below natural background or vary more than one unit above natural background. If natural background is higher than 8.5 units, the pH shall not vary above natural background or vary more than one unit below background.					
(52) (b) pH (Class II Waters)	Standard Units	Shall not vary more than one unit above or below natural background of coastal waters as defined in Section 62-302.520(3)(b), F.A.C., or more than two-tenths unit above or below natural background of open waters as defined in Section 62-302.520(3)(f), F.A.C., provided that the pH is not lowered to less than 6.5 units or raised above 8.5 units. If natural background is less than 6.5 units, the pH shall not vary below natural background or vary more than one unit above natural background for coastal waters or more than two-tenths unit above natural background for open waters. If natural background is higher than 8.5 units, the pH shall not vary above natural background or vary more than one unit below natural background of coastal waters or more than two-tenths unit below natural background of open waters.					

Notes: (1) "ln H" means the natural logarithm of total hardness expressed as milligrams/L of $CaCO_3$. For metals criteria involving equations with hardness, the hardness shall be set at 25 mg/L if actual hardness is < 25 mg/L and set at 400 mg/L if actual hardness is > 400 mg/L. (2) This criterion is protective of human health not of aquatic life. (3) For application of dissolved metals criteria see 62-302.500(2)(d), F.A.C.

Parameter	Units	Class I	Class II	Class III: Fresh	Class III: Marine	Class IV	Class V
(52) (c) pH (Class III Waters)	Standard Units	Shall not vary more than one unit above or below natural background of predominantly fresh waters and coastal waters as defined in Section 62-302.520(3)(b), F.A.C. or more than two-tenths unit above or below natural background of open waters as defined in Section 62-302.520(3)(f), F.A.C., provided that the pH is not lowered to less than 6 units in predominantly fresh waters, or less than 6.5 units in predominantly marine waters, or raised above 8.5 units. If natural background is less than 6 units, in predominantly fresh waters or 6.5 units in predominantly marine waters, the pH shall not vary below natural background or vary more than one unit above natural background of predominantly fresh waters and coastal waters, or more than two-tenths unit above natural background of open waters. If natural background is higher than 8.5 units, the pH shall not vary above natural background or vary more than one unit below natural background of predominantly fresh waters and coastal waters, or more than two-tenths unit below natural background of open waters.					
(52) (d) pH (Class V Waters)	Standard Units	Not lower than 5.0 nor greater than 9.5 except certain swamp waters which may be as low as 4.5.					
(53)(a) Phenolic Compounds: Total		Phenolic compounds other than those produced by the natural decay of plant material, listed or unlisted, shall not taint the flesh of edible fish or shellfish or produce objectionable taste or odor in a drinking water supply.					
(53) (b) Phenolic Compounds: Total	Micrograms/L	1. The total of all chlorinated phenols, and chlorinated cresols, except as set forth in (c) 1. to (c) 4. below, shall not exceed 1.0 unless higher values are shown not to be chronically toxic. Such higher values shall be approved in writing by the Secretary. 2. The compounds listed in (c) 1. to (c) 6. below shall not exceed the limits specified for each compound.					1. The total of the following Phenolic compounds shall not exceed 50: a) Chlorinated phenols; b) Chlorinated cresols; and c) 2,4-dinitrophenol.
(53) (c) 1. Phenolic Compound: 2-chlorophenol	Micrograms/L	≤ 120	< 400 See Note (2).	< 400 See Note (2).	< 400 See Note (2).	< 400 See Note (2).	
(53) (c) 2. Phenolic Compound: 2,4-dichlorophenol	Micrograms/L	< 93 See Note (2).	< 790 See Note (2).	< 790 See Note (2).	< 790 See Note (2).	< 790 See Note (2).	
(53) (c) 3. Phenolic Compound: Penta-chlorophenol	Micrograms/L	≤ 30 max; ≤ 0.28 annual avg; $\leq e^{(1.005[pH]-5.29)}$	≤ 7.9	≤ 30 max; ≤ 8.2 annual avg; $\leq e^{(1.005[pH]-5.29)}$	≤ 7.9	≤ 30	
(53) (c) 4. Phenolic Compound: 2,4,6-trichlorophenol	Micrograms/L	≤ 2.1 annual avg.	≤ 6.5 annual avg.	≤ 6.5 annual avg.	≤ 6.5 annual avg.	≤ 6.5 annual avg.	

Notes: (1) "ln H" means the natural logarithm of total hardness expressed as milligrams/L of $CaCO_3$. For metals criteria involving equations with hardness, the hardness shall be set at 25 mg/L if actual hardness is < 25 mg/L and set at 400 mg/L if actual hardness is > 400 mg/L. (2) This criterion is protective of human health not of aquatic life. (3) For application of dissolved metals criteria see 62-302.500(2)(d), F.A.C.

Parameter	Units	Class I	Class II	Class III: Fresh	Class III: Marine	Class IV	Class V
(53) (c) 5. Phenolic Compound: 2,4-dinitrophenol	Milligrams/L	≤ 0.0697 See Note: (2).	≤ 14.26 See Note: (2).	≤ 14.26 See Note: (2).	≤ 14.26 See Note: (2).	≤ 14.26 See Note: (2).	
(53) (c) 6. Phenolic Compound: Phenol	Milligrams/L	≤ 0.3	≤ 0.3	≤ 0.3	≤ 0.3	≤ 0.3	≤ 0.3
(54) Phosphorus (Elemental)	Micrograms/L		≤ 0.1		≤ 0.1		
(55) Phthalate Esters	Micrograms/L	≤ 3.0		≤ 3.0			
(56) Polychlorinated Biphenyls (PCBs)	Micrograms/L	≤ 0.000044 annual avg.; 0.014 max	≤ 0.000045 annual avg.; 0.03 max	≤ 0.000045 annual avg.; 0.014 max	≤ 0.000045 annual avg.; 0.03 max		
(57) (a) Polycyclic Aromatic Hydrocarbons (PAHs). Total of: Acenaphthylene; Benzo(a)anthracene; Benzo(a)pyrene; Benzo(b)fluoranthene; Benzo-(ghi)perylene; Benzo(k)fluoranthene; Chrysene; Dibenzo-(a,h)anthracene; Indeno(1,2,3-cd)pyrene; and Phenanthrene	Micrograms/L	≤ 0.0028 annual avg.	≤ 0.031 annual avg.	≤ 0.031annual avg.	≤ 0.031 annual avg.		
(57) (b) 1 (Individual PAHs): Acenaphthene	Milligrams/L	< 1.2 See Note: (2).	< 2.7 See Note: (2).	< 2.7 See Note: (2).	< 2.7 See Note: (2).		
(57) (b) 2. (Individual PAHs): Anthracene	Milligrams/L	< 9.6 See Note: (2).	< 110 See Note: (2).	< 110 See Note: (2).	< 110 See Note: (2).		
(57) (b) 3. (Individual PAHs): Fluoranthene	Milligrams/L	< 0.3 See Note: (2).	< 0.370 See Note: (2).	< 0.370 See Note: (2).	< 0.370 See Note: (2).		

Notes: (1) "ln H" means the natural logarithm of total hardness expressed as milligrams/L of $CaCO_3$. For metals criteria involving equations with hardness, the hardness shall be set at 25 mg/L if actual hardness is < 25 mg/L and set at 400 mg/L if actual hardness is > 400 mg/L. (2) This criterion is protective of human health not of aquatic life. (3) For application of dissolved metals criteria see 62-302.500(2)(d), F.A.C.

Parameter	Units	Class I	Class II	Class III: Fresh	Class III: Marine	Class IV	Class V
(57) (b) 4. (Individual PAHs): Fluorene	Milligrams/L	< 1.3 See Note (2).	< 14 See Note (2).	< 14 See Note (2).	< 14 See Note (2).		
(57) (b) 5. (Individual PAHs): Pyrene	Milligrams/L	< 0.96 See Note (2).	< 11 See Note (2).	< 11 See Note (2).	< 11 See Note (2).		
(58) (a) Radioactive substances (Combined radium 226 and 228)	Picocuries/L	≤ 5	≤ 5	≤ 5	≤ 5	≤ 5	≤ 5
(58) (b) Radioactive substances (Gross) alpha particle activity (including radium 226, but excluding radon and uranium)	Picocuries/L	≤ 15	≤ 15	≤ 15	≤ 15	≤ 15	≤ 15
(59) Selenium	Micrograms/L	≤ 5.0	≤ 71	≤ 5.0	≤ 71		
(60) Silver	Micrograms/L See Note (3).	≤ 0.07	See Minimum criteria in Section 62-302.500(3)	≤ 0.07	See Minimum criteria in Section 62-302.500(3)		
(61) Specific Conductance (see Conductance, Specific, above)							
(62) Substances in concentrations which injure, are chronically toxic to, or produce adverse physiological or behavioral response in humans, plants, or animals	None shall be present.						

Notes: (1) "ln H" means the natural logarithm of total hardness expressed as milligrams/L of $CaCO_3$. For metals criteria involving equations with hardness, the hardness shall be set at 25 mg/L if actual hardness is < 25 mg/L and set at 400 mg/L if actual hardness is > 400 mg/L. (2) This criterion is protective of human health not of aquatic life. (3) For application of dissolved metals criteria see 62-302.500(2)(d), F.A.C.

Parameter	Units	Class I	Class II	Class III: Fresh	Class III: Marine	Class IV	Class V
(63) 1,1,2,2-Tetrachloroethane	Micrograms/L	≤ 0.17 annual avg.	≤ 10.8 annual avg.	≤ 10.8 annual avg.	≤ 10.8 annual avg.		
(64) Tetrachloroethylene (1,1,2,2-tetrachloroethene)	Micrograms/L	≤ 0.8 annual avg., ≤ 3.0 max	≤ 8.85 annual avg.	≤ 8.85 annual avg.	≤ 8.85 annual avg.		
(65) Thallium	Micrograms/L	< 1.7	< 6.3	< 6.3	< 6.3		
(66) Thermal Criteria (See Section 62-302.520)							
(67) Total Dissolved Gases	Percent of the saturation value for gases at the existing atmospheric and hydrostatic pressures	≤ 110% of saturation value	≤ 110% of saturation value	≤ 110% of saturation value	≤ 110% of saturation value		
(68) Transparency	Depth of the compensation point for photosynthetic activity	Shall not be reduced by more than 10% as compared to the natural background value.	Shall not be reduced by more than 10% as compared to the natural background value.	Shall not be reduced by more than 10% as compared to the natural background value.	Shall not be reduced by more than 10% as compared to the natural background value.		
(69) Trichloroethylene (trichloroethene)	Micrograms/L	≤ 2.7 annual avg., ≤ 3.0 max	≤ 80.7 annual avg.	≤ 80.7 annual avg.	≤ 80.7 annual avg.		
(70) Turbidity	Nephelometric Turbidity Units (NTU)	≤ 29 above natural background conditions	≤ 29 above natural background conditions	≤ 29 above natural background conditions	≤ 29 above natural background conditions	≤ 29 above natural background conditions	≤ 29 above natural background conditions
(71) Zinc	Micrograms/L. See Notes (1) and (3).	$Zn \leq e^{(0.8473[ln(H)]+0.884)}$	≤ 86	$Zn \leq e^{(0.8473[ln(H)]+0.884)}$	≤ 86	≤ 1,000	≤ 1,000

Notes: (1) "ln H" means the natural logarithm of total hardness expressed as milligrams/L of $CaCO_3$. For metals criteria involving equations with hardness, the hardness shall be set at 25 mg/L if actual hardness is < 25 mg/L and set at 400 mg/L if actual hardness is > 400 mg/L. (2) This criterion is protective of human health not of aquatic life. (3) For application of dissolved metals criteria see 62-302.500(2)(d), F.A.C.

Specific Authority 403.061, 403.062, 403.087, 403.504, 403.704, 403.804 FS. Law Implemented 403.021, 403.061, 403.087, 403.088, 403.141, 403.161, 403.182, 403.502, 403.702, 403.708 FS. History–New 1-28-90, Formerly 17-3.065, Amended 2-13-92, 6-17-92, Formerly 17-302.540, 17-302.550, 17-302.560, 17-302.570, 17-302.580, Amended 4-25-93, Formerly 17-302.530, Amended 1-23-95, 1-15-96, 5-15-02, 7-19-04.

62-302.540 Water Quality Standards for Phosphorus Within the Everglades Protection Area.

(1) Purpose and Scope.

(a) The purpose of this rule is to implement the requirements of the Everglades Forever Act by utilizing the powers and duties granted the Department under the Act and other applicable provisions of Chapters 373 and 403, F.S., to establish water quality standards for phosphorus, including a numeric phosphorus criterion, within the EPA.

(b) The water quality standards adopted by this rule include all of the following elements:

1. A numerical interpretation of the Class III narrative nutrient criterion for phosphorus;

2. Establishment of moderating provisions for permits authorizing discharges into the EPA in compliance with water quality standards, including the numeric phosphorus criterion; and

3. A method for determining achievement of the numeric phosphorus criterion, which takes into consideration spatial and temporal variability, natural background conditions and confidence in laboratory results.

(2) Findings.

(a) The Legislature, in adopting the Everglades Forever Act, recognized that the EPA must be restored both in terms of water quantity and water quality.

(b) Best Management Practices (BMPs) have reduced phosphorus loads from the Everglades Agricultural Area to the EPA by more than twice the amount required by existing rules. Stormwater Treatment Areas (STAs) have reduced phosphorus concentrations to less than the goal of 50 ppb established in the Everglades Forever Act.

(c) While a significant percentage of the EPA currently meets the numeric phosphorus criterion, further efforts are required to achieve the criterion in the remaining impacted areas of the EPA.

(d) Even as water quality continues to improve, restoration will be a long-term process because of historic phosphorus accumulations found in sediments within impacted areas. This phosphorus can diffuse back into the water column, a phenomenon the Department recognizes as reflux.

(e) The Basin-Specific Feasibility Studies completed by the District considered environmental factors, implementation cost, scheduling, and technical factors in evaluating measures to reduce phosphorus levels entering the EPA. These studies and other information provided to the Commission show that:

1. At this time, chemical treatment technology is not cost-effective for treating discharges entering the EPA and poses the potential for adverse environmental effects.

2. Optimization of the existing STAs, in combination with BMPs, is currently the most cost-effective and environmentally preferable means to achieve further phosphorus reductions to the EPA, and to restore impacted areas. The effectiveness of such measures should be determined and maximized prior to requiring additional measures. Optimization shall take into consideration viable vegetative technologies, including Periphyton-based STAs that are found to be cost-effective and environmentally acceptable.

(f) The District and the Department recognize that STA and BMP optimization requires a sustained commitment to construct, implement, stabilize and measure phosphorus reduction benefits.

(g) The Comprehensive Everglades Restoration Plan (CERP) contains projects that will affect the flows and phosphorus levels entering the EPA. Achievement of water quality standards for water quality projects required under the Everglades Forever Act can be most effectively and efficiently attained when integrated with CERP projects.

(h) The Long-Term Plan constitutes a comprehensive program to optimize the STAs and BMPs to achieve further phosphorus reductions and thereby accomplish implementation of Best Available Phosphorus Reduction Technology (BAPRT).

(i) It is the intent of the Commission that implementation of this rule will fulfill commitments made by the State of Florida to restore and maintain water quality in the EPA, while, at the same time, fulfill the States obligations under the Settlement Agreement to achieve the long-term phosphorus concentration levels and discharge limits established in that Agreement for the Loxahatchee National Wildlife Refuge (Refuge) and the Everglades National Park (Park).

(j) Establishment of the numeric phosphorus criterion, based upon analyses conducted primarily in freshwater open water slough systems, assumed that preservation of the balance of the native flora and fauna in these open water slough systems would protect other communities of native vegetation in the EPA. Further research should be conducted in other habitat types to further evaluate the natural variability in those habitat types.

(k) The Commission has received substantial testimony regarding mercury and its impact on the EPA. The Commission encourages all interested parties to continue research efforts on the effects of mercury.

(l) The Commission finds that this rule must incorporate a flexible approach towards the application of the numeric phosphorus criterion for phosphorus in order to guide the implementation of phosphorus reductions in the Everglades Protection Area. Chapter 403, F.S., the Everglades Forever Act and U.S. Environmental Protection Agency regulations set forth at 40 CFR Part 131 include general policies that authorize such flexibility under appropriate circumstances, including those described in paragraphs (c)

through (h) and (k) above. The Commission has exercised this authority by including in this rule both a numeric interpretation of the phosphorus criterion and the various other standard setting provisions of this rule, including the permitting and moderating provisions.

(3) Definitions.

(a) "Best Available Phosphorus Reduction Technology" (BAPRT) shall be as defined by Section 373.4592(2)(a), F.S. BMPs shall maintain and, where practicable, improve upon the performance of urban and agricultural source controls in reducing overall phosphorus levels. Agricultural BMPs within the Everglades Agricultural Area and the C-139 Basin shall be in accordance with Chapters 40E-61 and 40E-63, F.A.C. STA phosphorus reductions shall be improved through implementation of optimization measures as defined by Section 373.4592(2)(l), F.S. BAPRT may include measures intended to reduce phosphorus levels in discharges from a single basin or sub-basin, or a program designed to address discharges from multiple basins.

(b) "Long-Term Plan" shall be as defined by Section 373.4592(2)(j), F.S.

(c) The "Everglades Protection Area" or "EPA" shall mean Water Conservation Areas 1 (Refuge), 2A, 2B, 3A and 3B, and the Everglades National Park.

(d) "Impacted Areas" shall mean areas of the EPA where total phosphorus concentrations in the upper 10 centimeters of the soils are greater than 500 mg/kg.

(e) "District" shall mean the South Florida Water Management District.

(f) "Optimization" shall be as defined by Section 373.4592(2)(l), F.S.

(g) "Settlement Agreement" shall mean the Settlement Agreement entered in Case No. 88-1886-Civ-Hoeveler, United States District Court for the Southern District of Florida, as modified by the Omnibus Order entered in the case on April 27, 2001.

(h) "Technology-based Effluent Limitation" or "TBEL" shall be as defined in Section 373.4592(2)(p), F.S.

(i) "Unimpacted Areas" shall mean those areas which are not "Impacted Areas".

(4) Phosphorus Criterion.

(a) The numeric phosphorus criterion for Class III waters in the EPA shall be a long-term geometric mean of 10 ppb, but shall not be lower than the natural conditions of the EPA, and shall take into account spatial and temporal variability. Achievement of the criterion shall be determined by the methods in this subsection. Exceedences of the provisions of this subsection shall not be considered deviations from the criterion if they are attributable to the full range of natural spatial and temporal variability, statistical variability inherent in sampling and testing procedures or higher natural background conditions.

(b) Water Bodies. Achievement of the phosphorus criterion for waters in the EPA shall be determined separately in impacted and unimpacted areas in each of the following water bodies: Water Conservation Areas 1, 2 and 3, and the Everglades National Park.

(c) Achievement of Criterion in Everglades National Park. Achievement of the phosphorus criterion in the Park shall be based on the methods as set forth in Appendix A of the Settlement Agreement unless the Settlement Agreement is rescinded or terminated. If the Settlement Agreement is no longer in force, achievement of the criterion shall be determined based on the method provided for the remaining EPA. For the Park, the Department shall review data from inflows into the Park at locations established pursuant to Appendix A of the Settlement Agreement and shall determine that compliance is achieved if the Department concludes that phosphorus concentration limits for inflows into the Park do not result in a violation of the limits established in Appendix A.

(d) Achievement of the Criterion in WCA-1, WCA-2 and WCA-3.

1. Achievement of the criterion in unimpacted areas in each WCA shall be determined based upon data from stations that are evenly distributed and located in freshwater open water sloughs similar to the areas from which data were obtained to derive the phosphorus criterion. Achievement of the criterion shall be determined based on data collected monthly from the network of monitoring stations in the unimpacted area. The water body will have achieved the criterion if the five year geometric mean averaged across all stations is less than or equal to 10 ppb. In order to provide protection against imbalances of aquatic flora or fauna, the following provisions must also be met:

a. The annual geometric mean averaged across all stations is less than or equal to 10 ppb for three of five years;

b. The annual geometric mean averaged across all stations is less than or equal to 11 ppb; and

c. The annual geometric mean at all individual stations is less than or equal to 15 ppb. Individual station analyses are representative of only that station.

2. Achievement of the criterion shall be determined based on data collected monthly from the network of monitoring stations in the impacted area. Impacted Areas of the water body will have achieved the criterion if the five year geometric mean averaged across all stations is less than or equal to 10 ppb. In order to provide protection against imbalances of aquatic flora or fauna, the following provisions must also be met:

a. The annual geometric mean averaged across all stations is less than or equal to 10 ppb for three of five years;

b. The annual geometric mean averaged across all stations is less than or equal to 11 ppb; and

c. The annual geometric mean at all individual stations is less than or equal to 15 ppb. Individual station analyses are representative of only that station.

If these limits are not met, no action shall be required, provided that the net improvement or hydropattern restoration provisions of subsection (6) below are met. Notwithstanding the definition of Impacted Area in subsection (3), individual stations in the network shall be deemed to be unimpacted for purposes of this rule if the five-year geometric mean is less than or equal to 10 ppb and the annual geometric mean is less than or equal to 15 ppb.

(e) Adjustment of Achievement Methods. The Department shall complete a technical review of the achievement methods set forth in this subsection at a minimum of five year intervals and will report to the ERC on changes as needed. Data will be collected as necessary at stations that are evenly distributed and representative of major natural habitat types to further define the natural spatial and temporal variability and natural background of phosphorus concentrations in the EPA. As a part of the review, the Department may propose amendments to the achievement method provisions of this rule to include:

1. A hydrologic variability algorithm in a manner similar to the Settlement Agreement; and

2. Implementing adjustment factors that take into account water body specific variability, including the effect of habitat types.

The hydrologic variability evaluation shall be based on data from at least one climatic drought cycle and data reflecting the average interior stage of the water body on the dates of sample collection.

(f) Data Screening. Data from each monitoring station shall be evaluated prior to being used for the purposes of determining achievement of the criterion. Data shall be excluded from calculations for the purpose of determining achievement of the criterion if such data:

1. Do not comply with the requirements of Chapter 62-160, F.A.C.; or

2. Are excluded through the screening protocol set forth in the *Data Quality Screening Protocol*; or

3. Were collected from sites affected by extreme events such as fire, flood, drought or hurricanes, until normal conditions are restored; or

4. Were affected by localized activities caused by temporary human or natural disturbances such as airboat traffic, authorized (permitted or exempt) restoration activities, alligator holes, or bird rookeries.

5. Were sampled in years where hydrologic conditions (e.g., rainfall amount, water levels and water deliveries) were outside the range that occurred during the period (calendar years 1978 – 2001) used to set the phosphorus criterion.

(5) Long-Term Compliance Permit Requirements for Phosphorus Discharges into the EPA.

(a) In addition to meeting all other applicable permitting criteria, an applicant must provide reasonable assurance that the discharge will comply with state water quality standards as set forth in this section.

(b) Discharges into the EPA shall be deemed in compliance with state water quality standards upon a demonstration that:

1. Phosphorus levels in the discharges will be at or below the phosphorus criterion set forth in this rule; or

2. Discharges will not cause or contribute to exceedences of the phosphorus criterion in the receiving waters, the determination of which will take into account the phosphorus in the water column that is due to reflux; or

3. Discharges will comply with moderating provisions as provided in this rule.

(c) Discharges into the Park must not result in a violation of the concentration limits established for the Park in Appendix A of the Settlement Agreement as determined through the methodology set forth in subsection (4).

(d) Discharge limits for permits allowing discharges into the EPA shall be based upon TBELs established through BAPRT and shall not require water quality based effluent limitations through 2016. Such TBELs shall be applied as effluent limitations as defined in subsection 62-302.200(10), F.A.C.

(6) Moderating Provisions. The following moderating provisions are established for discharges into or within the EPA as a part of state water quality standards applicable to the phosphorus criterion set forth in this rule:

(a) Net Improvement in Impacted Areas.

1. Until December 31, 2016, discharges into or within the EPA shall be permitted using net improvement as a moderating provision upon a demonstration by the applicant that:

a. The permittee will implement, or cause to be implemented, BAPRT, as defined by Section 373.4592(2)(a), F.S., and further provided in this section, which shall include a continued research and monitoring program designed to reduce outflow concentrations of phosphorus; and

b. The discharge is into or within an impacted area.

2. BAPRT shall use an adaptive management approach based on the best available information and data to develop and implement incremental phosphorus reduction measures with the goal of achieving the phosphorus criterion. BAPRT shall also include projects and strategies to accelerate restoration of natural conditions with regard to populations of native flora or fauna.

3. For purposes of this rule, the Long-Term Plan shall constitute BAPRT. The planning goal of the Long-Term Plan is to achieve compliance with the criterion set forth in subsection (4) of this rule. Implementation of BAPRT will result in net improvement in impacted areas of the EPA. The Initial Phase of the Long-Term Plan shall be implemented through 2016. Revisions to the Long-Term Plan shall be incorporated through an adaptive management approach including a Process Development and Engineering component to identify and implement incremental optimization measures for further phosphorus reductions.

4. The Department and the District shall propose amendments to the Long-Term Plan as science and environmental conditions warrant. The Department shall approve all amendments to the Long-Term Plan.

5. As part of the review of permit applications, the Department shall review proposed changes to the Long-Term Plan identified through the Process Development and Engineering component of the Long-Term Plan to evaluate changes necessary to comply with this rule, including the numeric phosphorus criterion. Those changes which the department deems necessary to comply with this rule, including the numeric phosphorus criterion, shall be included as conditions of the respective permit or permits for the structures associated with the particular basin or basins involved. Until December 31, 2016, such permits shall include technology-based effluent limitations consistent with the Long-Term Plan.

(b) Hydropattern Restoration. Discharges into or within unimpacted areas of the EPA shall be permitted for hydropattern restoration purposes upon a demonstration by the applicant that:

1. The discharge will be able to achieve compliance with the requirements of sub-subparagraph (6)(a)1.a. above;

2. The environmental benefits of establishing the discharge clearly outweigh the potential adverse impacts that may result in the event that phosphorus levels in the discharge exceed the criterion; and

3. The discharge complies with antidegradation requirements.

(c) Existing Moderating Provisions. Nothing in this rule shall eliminate the availability of moderating provisions that may otherwise exist as a matter of law, rule or regulation.

(7) Document Incorporated by Reference. The following document is referenced elsewhere in this section and is hereby incorporated by reference:

Data Quality Screening Protocol, dated 7-15-04.

(8) Contingencies. In the event any provision of this rule is challenged in any proceeding, the Commission shall immediately be notified. In the event any provision of this rule:

(a) Is determined to be invalid under applicable laws; or

(b) Is disapproved by the U.S. Environmental Protection Agency under the Clean Water Act, the Department shall bring the matter back before the Commission at the earliest practicable date for reconsideration.

Specific Authority 373.043, 373.4592, 403.061 FS. Law Implemented 373.016, 373.026, 373.4592, 403.021(11), 403.061, 403.201 FS. History–New 7-15-04, Amended 5-25-05.

62-302.700 Special Protection, Outstanding Florida Waters, Outstanding National Resource Waters.

(1) It shall be the Department policy to afford the highest protection to Outstanding Florida Waters and Outstanding National Resource Waters. No degradation of water quality, other than that allowed in subsections 62-4.242(2) and (3), F.A.C., is to be permitted in Outstanding Florida Waters and Outstanding National Resource Waters, respectively, notwithstanding any other Department rules that allow water quality lowering.

(2) A complete listing of Outstanding Florida Waters and Outstanding National Resource Waters is provided in subsections (9) and (10). Outstanding Florida Waters generally include the following surface waters (unless named as Outstanding National Resource Waters):

(a) Waters in National Parks, Preserves, Memorials, Wildlife Refuges and Wilderness Areas;

(b) Waters in the State Park System and Wilderness Areas;

(c) Waters within areas acquired through donation, trade, or purchased under the Environmentally Endangered Lands Bond Program, Conservation and Recreation Lands Program, Land Acquisition Trust Fund Program, and Save Our Coast Program;

(d) Rivers designated under the Florida Scenic and Wild Rivers Program, federal Wild and Scenic Rivers Act of 1968 as amended, and Myakka River Wild and Scenic Designation and Preservation Act;

(e) Waters within National Seashores, National Marine Sanctuaries, National Estuarine Research Reserves, and certain National Monuments;

(f) Waters in Aquatic Preserves created under the provisions of Chapter 258, F.S.;

(g) Waters within the Big Cypress National Preserve;

(h) Special Waters as listed in paragraph 62-302.700(9)(i), F.A.C.; and

(i) Certain Waters within the Boundaries of the National Forests.

(3) Each water body demonstrated to be of exceptional recreational or ecological significance may be designated as a Special Water.

(4) The following procedure shall be used in designating an Outstanding National Resource Water as well as any Special Water:

(a) Rulemaking procedures pursuant to Chapter 120, F.S., and Chapter 62-102, F.A.C., shall be followed;

(b) At least one fact-finding workshop shall be held in the affected area;

(c) All local county or municipal governments and state legislators whose districts or jurisdictions include all or part of the water shall be notified at least 60 days prior to the workshop in writing by the Secretary;

(d) A prominent public notice shall be placed in a newspaper of general circulation in the area of the proposed water at least 60 days prior to the workshop; and

(e) An economic impact analysis, consistent with Chapter 120, F.S., shall be prepared which provides a general analysis of the impact on growth and development including such factors as impacts on planned or potential industrial, agricultural, or other development or expansion.

(5) The Commission may designate a water of the State as a Special Water after making a finding that the waters are of exceptional recreational or ecological significance and a finding that the environmental, social, and economic benefits of the designation outweigh the environmental, social, and economic costs.

(6) The Commission may designate a water as an Outstanding National Resource Water after making all of the following findings:

(a) That the waters are of such exceptional recreational or ecological significance that water quality should and can be maintained and protected under all circumstances other than temporary degradation and the lowering allowed by Section 316 of the Federal Clean Water Act; and

(b) That the level of protection afforded by the designation as Outstanding National Resource Waters is clearly necessary to preserve the exceptional ecological or recreational significance of the waters; and

(c) That the environmental, social, and economic benefits of the designation outweigh the environmental, social, and economic costs.

(7) The policy of this section shall be implemented through the permitting process pursuant to Rule 62-4.242, F.A.C.

(8) For each Outstanding Florida Water listed under subsection 62-302.700(9), F.A.C., the last day of the baseline year for defining the existing ambient water quality (paragraph 62-4.242(2)(c), F.A.C.) is March 1, 1979, unless otherwise indicated. Where applicable, Outstanding Florida Water boundary expansions are indicated by date(s) following “as mod.” under subsection 62-302.700(9), F.A.C. For each Outstanding Florida Water boundary which expanded subsequent to the original date of designation, the baseline year for the entire Outstanding Florida Water, including the expansion, remains March 1, 1979, unless otherwise indicated.

(9) Outstanding Florida Waters:

(a) Waters within National Parks and National Memorials.

National Park or National Memorial	County
1. Biscayne National Park (as mod. 5-14-86, 8-8-94)	Dade
2. Dry Tortugas National Park (10-4-90)	Monroe
3. Everglades National Park (as mod. 8-8-94)	Monroe/Dade/ Collier
4. Fort Caroline National Memorial (8-8-94)	Duval

(b) Waters within National Wildlife Refuges.

Wildlife Refuge	County
1. Archie Carr (8-8-94)	Indian River/Brevard
2. Caloosahatchee	Lee
3. Cedar Keys (as mod. 5-14-86, 4-19-88)	Levy
4. Chassahowitzka (as mod. 5-14-86, 4-19-88)	Citrus/Hernando
5. Chinsegut	Hernando
6. Crocodile Lake (12-1-82; as mod. 5-14-86, 4-19-88, 8-8-94)	Monroe
7. Crystal River (5-14-86; as mod. 10-4-90)	Citrus
8. Egmont Key	Hillsborough
9. Florida Panther (10-4-90; as mod. 8-8-94)	Collier
10. Great White Heron (as mod. 5-14-86, 4-19-88)	Monroe
11. Hobe Sound (as mod. 5-14-86, 4-19-88, 8-8-94)	Martin

12. Island Bay	Charlotte
13. J. N. “Ding” Darling (as mod. 5-14-86, 4-19-88, 8-8-94)	Lee
14. Key West	Monroe
15. Lake Woodruff (as mod. 8-8-94)	Volusia/Lake
16. Lower Suwannee (12-1-82; as mod. 8-8-94)	Dixie/Levy
17. Loxahatchee	Palm Beach
18. Matlacha Pass (as mod. 8-8-94)	Lee
19. Merritt Island	Volusia/Brevard
20. National Key Deer (as mod. 5-14-86, 4-19-88, 10-4-90, 8-8-94)	Monroe
21. Okefenokee (Florida Portion)	Baker
22. Passage Key	Manatee
23. Pelican Island (as mod. 8-8-94)	Indian River
24. Pine Island (as mod. 8-8-94)	Lee
25. Pinellas	Pinellas
26. St. Johns (including Bee Line Unit) (as mod. 5-14-86, 4-19-88)	Brevard
27. St. Marks (as mod. 10-4-90, 8-8-94)	Jefferson/Wakulla/ Taylor
28. St. Vincent (including Pig Island Unit)	Franklin/Gulf

(c) Waters within State Parks, State Wildlife Parks, and State Recreation Areas.

State Park or State Recreation Area	County
1. Amelia Island State Recreation Area (5-14-86)	Nassau
2. Anastasia State Recreation Area (as mod. 4-19-88)	St. Johns
3. Avalon State Recreation Area (4-19-88; as mod. 8-8-94)	St. Lucie
4. Bahia Honda State Park (as mod. 5-14-86)	Monroe
5. Bear Creek State Recreation Area (12-1-82)	Gadsden
6. Big Lagoon State Recreation Area (12-1-82; as mod. 5-14-86, 8-8-94)	Escambia
7. Big Talbot Island State Park (5-14-86; as mod. 4-19-88, 8-8-94)	Duval

8. Bill Baggs Cape Florida State Recreation Area	Dade
9. Blackwater River State Park	Santa Rosa
10. Blue Springs State Park	Volusia
11. Bulow Creek State Park (5-14-86; as mod. 4-19-88)	Flagler/Volusia
12. Caladesi Island State Park	Pinellas
13. Cayo Costa State Park (12-1-82; as mod. 5-14-86, 4-19-88, 10-4-90, 8-8-94)	Lee
14. Collier-Seminole State Park	Collier
15. Dead Lakes State Recreation Area	Gulf
16. De Leon Springs State Recreation Area (5-14-86; as mod. 10-4-90)	Volusia
17. Delnor-Wiggins Pass State Recreation Area (12-1-82)	Collier
18. Don Pedro Island State Recreation Area (5-14-86; as mod. 4-19-88)	Charlotte
19. Dr. Julian G. Bruce St. George Island State Park (12-1-82)	Franklin
20. Edward Ball Wakulla Springs State Park (4-19-88)	Wakulla
21. Falling Waters State Recreation Area	Washington
22. Faver-Dykes State Park	St. Johns
23. Florida Caverns State Park (as mod. 8-8-94)	Jackson
24. Fort Clinch State Park (as mod. 4-19-88, 8-8-94)	Nassau
25. Fort Cooper State Park (12-1-82)	Citrus
26. Fort Pierce Inlet State Recreation Area (12-1-82; as mod. 5-14-86)	St. Lucie
27. Fred Gannon Rocky Bayou State Recreation Area	Okaloosa
28. Gamble Rogers Memorial State Recreation Area at	Flagler

Flagler Beach	
29. Gasparilla Island State Recreation Area (5-14-86; as mod. 4-19-88, 10-4-90)	Lee
30. Grayton Beach State Recreation Area (as mod. 4-19-88)	Walton
31. Guana River State Park (5-14-86; as mod. 4-19-88)	St. Johns
32. Henderson Beach State Recreation Area (5-14-86)	Okaloosa
33. Highlands Hammock State Park (as mod. 8-8-94)	Highlands/Hardee
34. Hillsborough River State Park	Hillsborough
35. Homosassa Springs State Wildlife Park (10-4-90)	Citrus
36. Honeymoon Island State Recreation Area (12-1-82; as mod. 5-14-86)	Pinellas
37. Hontoon Island State Park	Volusia/Lake
38. Hugh Taylor Birch State Recreation Area	Broward
39. Ichetucknee Springs State Park	Columbia/ Suwannee
40. John D. McArthur Beach State Park (12-1-82)	Palm Beach
41. John Pennekamp Coral Reef State Park (as mod. 5-14-86, 4-19-88)	Monroe
42. John U. Lloyd Beach State Recreation Area	Broward
43. Jonathan Dickinson State Park	Martin
44. Lake Arbuckle State Park (5-14-86)	Polk
45. Lake Griffin State Recreation Area	Lake
46. Lake Kissimmee State Park	Polk
47. Lake Louisa State Park (12-1-82)	Lake
48. Lake Manatee State Recreation Area (12-1-82)	Manatee
49. Lake Rousseau State Recreation Area (12-1-82)	Citrus/Levy/Marion
50. Lake Talquin State	Leon

Recreation Area (12-1-82; as mod. 5-14-86)	
51. Little Manatee River State Recreation Area (12-1-82)	Hillsborough
52. Little Talbot Island State Park	Duval
53. Long Key State Recreation Area	Monroe
54. Lovers Key State Recreation Area (5-14-86)	Lee
55. Manatee Springs State Park (as mod. 10-4-90)	Levy
56. Mike Roess Gold Head Branch State Park (as mod. 5-14-86, 4-19-88, 8-8-94)	Clay
57. Myakka River State Park	Manatee/Sarasota
58. North Peninsula State Recreation Area (5-14-86; as mod. 4-19-88, 10-4-90)	Volusia
59. Ochlockonee River State Park	Wakulla
60. O'Leno State Park (as mod. 5-14-86)	Alachua/Columbia
61. Oleta River State Recreation Area (12-1-82)	Dade
62. Oscar Scherer State Park (as mod. 8-8-94)	Sarasota
63. Peacock Springs State Recreation Area (4-19-88)	Suwannee
64. Perdido Key State Recreation Area (12-1-82)	Escambia
65. Ponce de Leon Springs State Recreation Area	Holmes/Walton
66. Port Charlotte Beach State Recreation Area (12-1-82)	Charlotte
67. St. Andrews State Recreation Area (as mod. 5-14-86, 4-19-88)	Bay
68. Sebastian Inlet State Recreation Area	Indian River/Brevard
69. Silver River State Park (4-19-88; as mod. 10-4-90, 8-8-94)	Marion
70. Suwannee River State Park (as mod. 10-4-90)	Hamilton/Madison/ Suwannee

71. Three Rivers State Recreation Area	Jackson
72. T. H. Stone Memorial St. Joseph Peninsula State Park	Gulf
73. Tomoka State Park	Volusia
74. Torreya State Park	Liberty
75. Wekiwa Springs State Park (as mod. 4-19-88)	Orange/Seminole

(d) Waters within State Ornamental Gardens, State Botanical Sites, State Historic Sites, and State Geological Sites.

State Ornamental Gardens, State Botanical Site, State Historic Site, or State Geological Site	County
1. Alfred B. Maclay State Gardens	Leon
2. Devils Millhopper State Geological Site (10-4-90)	Alachua
3. Eden State Gardens	Walton
4. Fort Zachary Taylor State Historic Site (10-4-90)	Monroe
5. Indian Key State Historic Site (10-4-90)	Monroe
6. Key Largo Hammock State Botanical Site (5-14-86)	Monroe
7. Koreshan State Historic Site (10-4-90)	Lee
8. Lignumvitae Key State Botanical Site (5-14-86)	Monroe
9. Marjorie Kinnan Rawlings State Historic Site (10-4-90)	Alachua
10. Natural Bridge Battlefield State Historic Site (10-4-90)	Leon
11. Paynes Creek State Historic Site (10-4-90)	Hardee
12. Ravine State Gardens	Putnam
13. San Marcos de Apalachee State Historic Site (10-4-90)	Wakulla
14. Washington Oaks State Gardens (as mod. 5-14-86)	Flagler
15. Windley Key Fossil Reef State Geological Site (10-4-90)	Monroe

(e) Waters within State Preserves, State Underwater Archaeological Preserves, and State Reserves.

State Preserve or State Reserve	County
1. Anclote Key State Preserve (12-1-82)	Pasco/Pinellas
2. Cape St. George State	Franklin

Reserve (12-1-82)	
3. Cedar Key Scrub State Reserve (12-1-82; as mod. 4-19-88)	Levy
4. Charlotte Harbor State Reserve (as mod. 4-19-88)	Charlotte
5. Crystal River State Reserve (5-14-86; as mod. 4-19-88)	Citrus
6. Fakahatchee Strand State Preserve (12-1-82; as mod. 5-14-86, 4-19-88, 10-4-90, 8-8-94)	Collier
7. Haw Creek State Preserve (12-1-82)	Flagler/Putnam/ Volusia
8. Lower Wekiva River State Reserve (12-1-82)	Lake/Seminole
9. Nassau Valley State Reserve (12-1-82)	Duval/Nassau
10. Paynes Prairie State Preserve (as mod. 10-4-90, 8-8-94)	Alachua
11. Prairie-Lakes State Preserve	Osceola
12. River Rise State Preserve (12-1-82; as mod. 8-8-94)	Alachua/Columbia
13. Rock Springs Run State Reserve (5-14-86; as mod. 4-19-88)	Orange
14. San Felasco Hammock State Preserve (12-1-82; as mod. 5-14-86, 4-19-88)	Alachua
15. San Pedro State Underwater Archaeological Preserve (10-4-90)	Monroe
16. Savannas State Reserve (12-1-82; as mod. 5-14-86, 10-4-90, 8-8-94)	Martin/St. Lucie
17. St. Lucie Inlet State Preserve (12-1-82)	Martin
18. Waccasassa Bay State Preserve (12-1-82; as mod. 4-19-88)	Levy
19. Weedon Island State Preserve (12-1-82)	Pinellas
20. William Beardell Tosohatchee State Reserve (12-1-82)	Orange

(f) Waters within Areas Acquired through Donation, Trade, or Purchased Under the Environmentally Endangered Lands Bond Program, Conservation and Recreation Lands Program, Land Acquisition Trust Fund Program, and Save Our Coast Program.

Program Area	County
1. Andrews Tract (5-14-86; as mod.	Levy

4-19-88, 8-8-94)	
2. Apalachicola Bay (8-8-94)	Franklin
3. Barefoot Beach (12-1-82)	Collier
4. Beker Tracts (10-4-90)	Manatee
5. Big Bend Coastal Tract (4-19-88; as mod. 10-4-90)	Dixie/Taylor
6. Big Shoals (4-19-88)	Hamilton
7. B.M.K. Ranch (8-8-94)	Lake/Orange
8. Bower Tract (5-14-86; as mod. 4-19-88)	Hillsborough
9. Caravelle Ranch (8-8-94)	Putnam
10. Carlton Half-Moon Ranch (8-8-94)	Sumter
11. Catfish Creek (8-8-94)	Polk
12. Chassahowitzka Swamp (5-14-86; as mod. 4-19-88, 8-8-94)	Hernando/Citrus
13. Coupon Bight (10-4-90; as mod. 8-8-94)	Monroe
14. Crystal River (10-4-90)	Citrus
15. Curry Hammock (8-8-94)	Monroe
16. Deering Hammock/Estate (5-14-86; as mod. 4-19-88, 8-8-94)	Dade
17. East Everglades (5-14-86)	Dade
18. Econfina River (8-8-94)	Taylor
19. Emerson Point (8-8-94)	Manatee
20. Escambia Bay Bluffs (5-14-86)	Escambia
21. Estero Bay (8-8-94)	Lee
22. Florida First Magnitude Springs (8-8-94)	Levy
23. Ft. George Island (10-4-90)	Duval
24. Ft. Mose (8-8-94)	St. Johns
25. Ft. San Luis (5-14-86; as mod. 8-8-94)	Leon
26. Gateway (5-14-86)	Pinellas
27. Gills Tract (8-8-94)	Pasco
28. Green Turtle Beach (4-19-88)	St. Lucie
29. Guana River (5-14-86; as mod.	St. Johns

4-19-88)	
30. Homosassa Reserve/Walker Tract (8-8-94)	Citrus
31. Indian River North Beach (5-14-86)	Indian River
32. ITT/Hammock (5-14-86)	Dade
33. Josslyn Island (10-4-90)	Lee
34. Levy County Forest/Sandhills (8-8-94)	Levy
35. Letchworth Mounds (8-8-94)	Jefferson
36. Lower Econlockhatchee (8-8-94)	Seminole
37. Martin County Tracts (5-14-86)	Martin
38. Mashes Sands (5-14-86)	Wakulla
39. Miami Rockridge Pinelands (8-8-94)	Dade
40. Milton to Whiting Field (8-8-94)	Santa Rosa
41. North Beach (5-14-86)	Broward
42. North Key Largo Hammock (5-14-86; as mod. 4-19-88, 10-4-90, 8-8-94)	Monroe
43. Placid Lakes (8-8-94)	Highlands
44. Point Washington (8-8-94)	Walton
45. Port Bougainville (10-4-90)	Monroe
46. Rainbow River/Springs (8-8-94)	Marion
47. Rookery Bay (10-4-90; as mod. 8-8-94)	Collier
48. Rotenberger (as mod. 4-19-88, 8-8-94)	Palm Beach
49. Saddle Blanket Lakes Scrub (8-8-94)	Polk
50. Save Our Everglades (10-4-90; as mod. 8-8-94)	Collier
51. Sea Branch (8-8-94)	Martin
52. Seminole Springs/Woods (8-8-94)	Lake
53. Snake Warrior Island (Oaks of Miramar) (8-8-94)	Broward
54. Spring Hammock (4-19-88; as mod. 10-4-90)	Seminole
55. Spruce Creek (4-19-88; as mod.	Volusia

8-8-94)	
56. St. Martins River (8-8-94)	Citrus
57. Stark Tract (10-4-90)	Volusia
58. Stoney-Lane (10-4-90)	Citrus
59. Surfside Additions (5-14-86)	St. Lucie
60. Three Lakes/Prairie Lakes (as mod. 8-8-94)	Osceola
61. Topsail Hill (8-8-94)	Walton
62. Upper Black Creek (8-8-94)	Clay
63. Volusia Water Recharge Area	Volusia
64. Wacissa/Aucilla Rivers (10-4-90)	Jefferson/Taylor
65. Wekiva River Buffers (8-8-94)	Seminole
66. Westlake (5-14-86; as mod. 4-19-88)	Broward
67. Wetstone/Berkovitz (8-8-94)	Pasco
68. Withlacoochee Tracts (12-1-82)	Sumter

(g) Waters within National Seashores.

National Seashores	County
1. Canaveral	Brevard/Volusia
2. Gulf Islands	Escambia/Santa Rosa

(h) Waters within State Aquatic Preserves.

Aquatic Preserves	County
1. Alligator Harbor	Franklin
2. Apalachicola Bay	Franklin
3. Banana River (as mod. 8-8-94)	Brevard
4. Big Bend Seagrasses	Wakulla/Taylor/ Jefferson/Dixie/ Levy

except for the following areas:

a. Keaton Beach, Taylor County – Begin at 29º 49' 50" N. Lat., 83º 35' 24" W. Long.; then west to 29º 49' 45", 83º 35' 50"; then south to 29º 49' 04", 83º 35' 48"; then east to 29º 49' 04", 83º 35' 24"; then north to the point of beginning.

b. Steinhatchee, Taylor County – Begin at 29º 40' 35", 83º 22' 10"; then west to 29º 40' 35", 83º 23' 10"; then north to 29º 41', 83º 23' 10"; then west to 29º 41', 83º 24' 10"; then south to the Taylor County-Dixie County boundary; then eastward along the boundary to 29º 39' 55", 83º 22' 10"; then north to the point of beginning.

c. Suwannee, Dixie County – Begin at 29º 20' 30", 83º 08' 10"; then west to 29º 20' 30", 83º 08' 25"; then south to 29º 20' 05", 83º 08' 25"; then southwesterly along SR 349 to 29º 19' 51", 83º 08' 35"; then west to 29º 19' 51", 83º 08' 45"; then southwesterly to 29º 19' 40", 83º 09' 12"; then south to 29º 19' 30", 83º 09' 12"; then northeasterly to 29º 19' 39", 83º 08' 53"; then southeasterly to 29º 19' 25", 83º 08' 41"; then southwesterly to 29º 19' 20", 83º 08' 49"; then southeasterly to 29º 19' 14", 83º 08' 41"; then northeasterly along the bank of the Suwannee River to and along the bank of Demory Creek to 29º 19' 45", 83º 08' 10"; then north to the point of beginning.

d. Cedar Key unincorporated airport area, Levy County – Begin at 29º 08' 26", 83º 03' 17"; then south to 29º 07' 34", 83º 03' 17", then northeasterly to 29º 07' 48", 83º 02' 33"; beginning northerly and tracing the corporate limit of Cedar Key to the point of beginning.

e. Cedar Key unincorporated causeway area, Levy County – That portion of Section 20 lying within 1000 feet of the centerline of SR 24 and lying north of a line 500 feet northeast of and parallel to the northern corporate limit of Cedar Key.

f. Cedar Key channel, Levy County – Begin at 29º 08' 58", 83º 01' 17"; then west to 29º 08' 58", 83º 01' 24"; then south to 29º 08' 05", 83º 01' 26"; then northeasterly to 29º 08' 08", 83º 01' 17"; then northerly to the point of beginning.

g. Keaton Beach navigation channel, Taylor County – Begin at 29º 49' 02", 83º 35' 30"; then west to 29º 49' 02", 83º 37' 58"; then south to 29º 48' 45", 83º 37' 58"; then east to 29º 48' 45", 83º 35' 30"; then north to the point of beginning.

h. Keaton Beach local channels, Taylor County – Begin at 29º 49' 01", 83º 35' 38"; then southeast to 29º 48' 55", 83º 35' 15"; then northeast to 29º 48' 59", 83º 35' 13"; then northwest to 29º 49' 06", 83º 35' 36"; then southwest to the point of beginning. (10-29-86)

5. Biscayne Bay (Cape Florida)	Dade/Monroe
6. Biscayne Bay (Card Sound) (12-1-82)	Dade/Monroe
7. Boca Ciega Bay	Pinellas
8. Cape Haze	Charlotte/Lee
9. Cape Romano-Ten Thousand Islands	Collier
10. Cockroach Bay	Hillsborough
11. Coupon Bight	Monroe
12. Estero Bay (as mod. 4-19-88)	Lee
13. Fort Clinch State Park	Nassau
14. Fort Pickens State Park	Santa Rosa/Escambia
15. Gasparilla Sound-Charlotte Harbor (as mod. 10-4-90)	Charlotte/Lee
16. Guana River Marsh (8-8-94)	St. Johns
17. Indian River Malabar to Vero Beach	Brevard/Indian River
18. Indian River Malabar to Vero Beach (additions), except those Indian River portions of Sebastian Creek and Turkey Creek upstream of U.S. Highway 1 (1-26-88)	Brevard/Indian River
19. Indian River Vero Beach to Ft. Pierce (as mod. 10-4-90)	Indian River/St. Lucie
20. Jensen Beach to Jupiter Inlet (as mod. 10-4-90)	Martin/Palm Beach/St. Lucie
21. Lake Jackson	Leon
22. Lemon Bay (4-19-88; as mod. 10-4-90)	Charlotte/Sarasota
23. Lignumvitae Key	Monroe
24. Loxahatchee River-Lake Worth Creek (as mod. 8-8-94)	Martin/Palm Beach
25. Matlacha Pass	Lee
26. Mosquito Lagoon	Volusia/Brevard
27. Nassau River-St. Johns River Marshes	Nassau/Duval
28. North Fork, St. Lucie	St. Lucie/Martin
29. Oklawaha River (10-4-90)	Marion
30. Pellicer Creek	St. Johns/Flagler
31. Pine Island Sound	Lee
32. Pinellas County	Pinellas

33. Rainbow Springs (4-19-88)	Marion
34. Rocky Bayou State Park	Okaloosa
35. Rookery Bay (12-1-82; as mod. 11-24-87, 7-11-91)	Collier
36. St. Andrews State Park	Bay
37. St. Joseph Bay	Gulf
38. St. Martins Marsh (as mod. 8-8-94)	Citrus
39. Terra Ceia (5-22-86)	Manatee
40. Tomoka Marsh	Volusia/Flagler
41. Wekiva River (12-1-82)	Lake/Orange/ Seminole
42. Wekiva River Addition, except that portion of the St. Johns River between Interstate Highway 4 and the Wekiva River confluence (12-28-88)	Lake/Seminole/ Volusia
43. Yellow River Marsh	Santa Rosa

(i) Special Waters.

1. Apalachicola River except for the following areas:

a. From a point 50 feet north of the northern boundary of the Jackson County Port Authority Slip, and including the slip itself, downstream to a point about four-tenths of a mile downstream, and specifically identified by navigation mile 103 on the 1982 U.S. Geological Survey Quadrangle Map of Sneads, Florida; and

b. From 850 feet downstream of the U.S. Army Corps of Engineers Blountstown Navigation Gage in Calhoun County, north to a point approximately 2,700 feet upstream of the Gage, and specifically identified by the line passing through 30º 25' 45" N. Lat. and 85º 1' 35" W. Long.; and 30º 25' 38" N. Lat. and 85º 1' 20" W. Long. (12-11-84).

2. Aucilla River.

3. Blackwater River.

4. Butler Chain of Lakes – consisting of Lake Butler, Lake Down, Wauseon Bay, Lake Louise, Lake Palmer (also known as Lake Isleworth), Lake Chase, Lake Tibet, Lake Sheen, Pocket Lake, Fish Lake, and the waterways which connect these lakes (3-1-84), and Lake Blanche and its connecting waterway (2-18-87).

5. Chassahowitzka River System including: Potter, Salt, Baird, Johnson, Crawford, Ryle, and Stevenson Creeks, and other tributaries to the Chassahowitzka River; but excluding artificial waterbodies, defined as any waterbody created by dredging, or excavation, or by the filling in of its boundaries, including canals as defined in subsection 62-312.020(3), F.A.C. (1-5-93).

6. Chipola River.

7. Choctawhatchee River.

8. Clermont Chain of Lakes – consisting of Lake Louisa (also known as Lake Louise), Lake Susan, Lake Crescent, Lake Minnehaha, Lake Winona, Lake Palatlakaha, Lake Hiawatha, Lake Minneola, Lake Wilson, Lake Cook, Cherry Lake, Lake Hunt, Lake Stewart, Lake Lucy, Lake Emma, and the waterways that interconnect Clermont Chain of Lakes (5-28-86).

9. Crooked Lake in Polk County including the area known as Little Crooked Lake and the connecting waterway between these waterbodies; less however, artificial waterbodies, defined as any waterbody created by dredging, or excavation, or by the filling in of its boundaries, including canals as defined in subsection 62-312.020(3), F.A.C. (4-9-87).

10. Crystal River, including Kings Bay (2-1-83).

11. Econlockhatchee River System – consisting of the Econlockhatchee River and the following tributaries:

a. Little Econlockhatchee River upstream to Michaels Dam in Jay Blanchard Park; and

b. Mills Creek upstream to Mills Lake; and

c. Southerly branch of Mills Creek upstream to Fort Christmas Road in Section 2, Township 22 South, Range 32 East; and

d. Silcox Branch (branch of Mills Creek) upstream to Lake Pickett; and

e. Long Branch upstream to the eastern section line of Section 34, Township 22 South, Range 32 East; and

f. Hart Branch upstream to the Old Railroad Grade in Section 18, Township 23 South, Range 32 East; and

g. Cowpen Branch upstream to the southernmost bifurcation of the creek in Section 20, Township 23 South, Range 32 East; and

h. Green Branch upstream to the western section line of Section 29, Township 23 South, Range 32 East; and

i. Turkey Creek upstream to Weewahootee Road in Section 5, Township 24 South, Range 32 East, and to the west section lines of Section 5, Township 24 South, Range 32 East, and Section 32, Township 23 South, Range 32 East; and

j. Little Creek upstream to the eastern section line of Section 22, Township 24 South, Range 32 East; and

k. Fourmile Creek upstream to the southern line of the NE 1{2} of Section 28, Township 24 South, Range 32 East; and

l. Econlockhatchee River Swamp upstream to State Road 532;

m. But excluding all other tributaries and artificial water bodies, defined as any water body created by dredging, or excavation, or by the filling in of its boundaries, including canals as defined in subsection 62-312.020(3), F.A.C. (6-18-92).

12. Estero Bay Tributaries including: Hendry Creek to State Road 865, Big Bayou, Mullock Creek to U.S. 41 (State Road 45); Mud Creek; Estero River (north and south branches) to I-75 Halfway Creek to State Road 41; Spring Creek to Business Route 41 (State Road 887, old State Road 41), and the unnamed south branch of Spring Creek in Sections 20 and 29; Imperial River to the eastern line of Section 31, Range 26 East, Township 47 South, Oak Creek, and Leitner Creek; except for Tenmile Canal and any artificial water bodies, defined as any water body created by dredging, or excavation, or by the filling in of its boundaries, including canals as defined in subsection 62-312.020(3), F.A.C. (10-4-90).

13. Florida Keys, including channels as defined in subsection 62-312.020(4), F.A.C., and described as follows: Commence at the northeasterly most point of Palo Alto Key and run due north to a point at the center of the channel of Broad Creek as the point of beginning, thence due east to the eastern boundary of the jurisdictional waters of the State of Florida, thence meander southerly along said eastern boundary to a point due south of the westernmost point of the island of Key West; thence westerly, northerly and easterly along the arc of a curve three leagues distant from the westernmost point of the island of Key West to a point due north of the island of Key West; thence northeasterly three leagues distant from the most northerly land of the Florida Keys to the intersection with the boundary of the Everglades National Park; thence southeasterly, northeasterly and northwesterly along the boundary of the Everglades National Park to the intersection with the Dade County-Monroe County line; thence northeasterly and easterly along the Dade County-Monroe County line to the point of beginning; less however, three areas:

a. Key West Sewage Outfall, being a circle 150 feet in radius from the point of discharge located at approximately 24º 32' 13" N. Latitude and 81º 48' 55" W. Longitude; and

b. Stock Island Power Plant Mixing Zone; being a circle 150 feet in radius from the end of the power plant discharge canal; and

c. Artificial waterbodies, defined as any waterbody created by dredging, or excavation, or by the filling in of its boundaries, including canals as defined in subsection 62-312.020(3), F.A.C. (5-8-85).

14. Hillsborough River from Fletcher Avenue (State Road 582A) in Hillsborough County upstream to the Withlacoochee River Overflow in Pasco County, and the following tributaries:

a. Crystal Springs; and

b. Blackwater Creek westward of the Hillsborough – Polk County line; and

c. Cypress Creek, Thirteenmile Run eastward of Livingston Avenue, and Big Cypress Swamp upstream to and including the Cypress Creek Wellfield, as delineated in the maps entitled “Cypress Creek OFW Boundary Maps,” incorporated herein by reference; and

d. Trout Creek upstream to Bruce B. Downs Boulevard (State Road 581);

e. But excluding all other tributaries as well as the proposed transportation corridor, which crosses Cypress Creek in Section 21, Township 27 South, Range 19 East, as identified in the Adopted 2010 Long Range Transportation Plan of the Metropolitan Planning Organization, dated May 26, 1993.

f. A copy of the maps referenced in subparagraph c. above may be obtained from the Department of Environmental Protection, Bureau of Surface Water Management, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400 (4-12-95).

15. Homosassa River System including: Halls River, Turtle, Otter, Battle, and Price Creeks, and other tributaries to the Homosassa River; but excluding artificial waterbodies, defined as any waterbody created by dredging, or excavation, or by the filling in of its boundaries, including canals as defined in subsection 62-312.020(3), F.A.C. (1-5-93).

16. Kingsley Lake and Black Creek (North Fork) downstream to the northern line of Section 23, Township 5 South, Range 23 East, including all tributaries along this segment of Black Creek (11-8-90).

17. Lake Disston – Specifically including Lake Disston plus contiguous wetlands within the following areas: Township 14 South, Range 29 East, Sections 21, 20, 19, 18, 17, 16, 9, 8 and 7 in Flagler County; and Township 14 South, Range 28 East, Sections 13 and 24 in Volusia County except:

a. Artificial water bodies defined as any water body created by dredging, or excavation, or by the filling in of its boundaries, including canals as defined in subsection 62-312.020(3), F.A.C.; and

b. Any natural water bodies connected by artificial water bodies to the above-described system.

18. Lake Powell, Phillips Inlet, and all tributaries to Lake Powell as bounded by the following described line: Begin at the Northwest corner of Section 26, Township 2 South, Range 18 West; thence East to the Northwest corner of Section 29, Township 2 South, Range 17 West; thence South to the Northwest corner of the SW 1/4 of Section 29, Township 2 South, Range 17 West; thence East to the West line of Section 27, Township 2 South, Range 17 West, thence South to the mean high water line of the Gulf of Mexico; thence meander Northwest along the mean high water line to the West line of Section 35, Township 2 South, Range 18 West; thence North to the point of beginning (8-18-91).

19. Lemon Bay estuarine system – from Boca Grande Causeway northward to approximately two thousand feet northwest of the mouth of Alligator Creek, specifically identified as the East line of Section 31, Township 39 South, Range 19 East, including Placida Harbor, Gasparilla Pass, Kettle Harbor, Bocilla Lagoon, Bocilla Pass, Knight Pass, Stump Pass, Lemon Bay, Buck Creek upstream to County Road 775, Oyster Creek upstream to County Road 775, Ainger (Rock) Creek upstream to County Road 775, and Godfrey (Godfried, Gottfried) Creek upstream to County Road 775; but excluding:

a. Alligator Creek, Forked Creek, Lemon Creek, and all other tributaries; and

b. Artificial waterbodies, defined as any waterbody created by dredging, or excavation, or by the filling in of its boundaries, including canals as defined in subsection 62-312.020(3), F.A.C. (4-29-86).

20. Little Manatee River – from its mouth to the western crossing of the river by S.R. 674, including Hayes, Mill and Bolster Bayous, but excluding South Fork, Ruskin Inlet and all other tributaries (10-1-82).

21. Lochloosa Lake (including Little Lochloosa Lake, Lochloosa Lake Right Arm, and Lochloosa Creek upstream to County Road 20A) (12-15-87).

22. Myakka River between State Road 771 (El Jobean Bridge) and the Charlotte-Sarasota County line, except for artificial waterbodies, defined as any waterbody created by dredging, or excavation, or by the filling in of its boundaries, including canals as defined in subsection 62-312.020(3), F.A.C. (4-19-88).

23. Ochlockonee River.

24. Oklawaha River between the eastern line of Section 36, Township 15 South, Range 23 East, and Eureka Lock and Dam, including Turkey Creek, Strouds Creek, Dead River (the water body so named near Gores Landing), Cedar Creek, and Fish Creek, but excluding Marshall Swamp, the Dead River (the water body so named exiting Marshall Swamp), and all other tributaries (12-20-89).

25. Orange Lake up to the U.S. Highway 301 bridge, the River Styx up to Camps Canal, and Cross Creek (4-9-87).

26. Perdido River.

27. Rainbow River, including Indian Creek, but excluding all other tributaries (1-17-85).

28. Santa Fe River System – consisting of the Santa Fe River, Lake Santa Fe, Little Lake Santa Fe, Santa Fe Swamp, Olustee Creek, and the Ichetucknee River below S.R. 27, but excluding all other tributaries (8-16-84).

29. Sarasota Bay estuarine system – generally extending from Venice north to the Hillsborough-Manatee County line and specifically described as follows: Commence at the northern tip of Anna Maria Island and follow a line running to the southern tip of Egmont Key until intersecting the boundary between Hillsborough and Manatee Counties; thence run easterly and northeasterly along the county boundary until intersecting the Intracoastal Waterway; thence proceed southerly until intersecting a line between the southern tip of Mullet Key and the western tip of Snead Island; thence proceed southeasterly along said line to the western tip of Snead Island; thence to De Soto Point; and thence westerly and southerly including all of the Sarasota Bay estuarine system southward to the northernmost U.S. Highway Business Route 41 bridge over the Intracoastal Waterway in Venice, including Anna Maria Sound, Passage Key Inlet, Perico Bayou, Palma Sola Bay, Longboat Pass, Sarasota Bay, New Pass, Big Sarasota Pass, Roberts Bay, Little Sarasota Bay, Dryman Bay, Blackburn Bay, Lyons Bay, Venice Inlet, Dona Bay upstream to the U.S. Highway 41 bridge, and Roberts Bay upstream to the U.S. Highway 41 bridge; less however, the following areas:

a. All tributaries, including Palma Sola Creek, Bowlees Creek, Whitaker Bayou, Hudson Bayou, Phillippi Creek, Catfish Creek, North Creek, South Creek, Shakett Creek, Curry Creek; and

b. A circle 1500 feet in radius from the mouth of Whitaker Bayou; and

c. A circle 1500 feet in radius from the mouth of Phillippi Creek; and

d. Artificial waterbodies, defined as any waterbody created by dredging, or excavation, or by the filling in of its boundaries, including canals as defined in subsection 62-312.020(3), F.A.C. (4-29-86).

e. The designation shall not affect the consideration by the Department of an application for Site Specific Alternative Criteria for the discharge of the City of Bradenton's Municipal Sewage Treatment Plant being built under Department of Environmental Protection Construction Permit No. DC41-81224. The application will be processed under the regulations of the Department existing on February 18, 1986.

30. St. Marks River – except that part between Rattlesnake Branch and the confluence of the St. Marks and Wakulla Rivers.

31. Shoal River.

32. Silver River (Marion County) (4-9-87).

33. Spruce Creek upstream to State Road 40A, and the following tributaries:

a. Unnamed tributary upstream to the Southern section line of Section 4, Township 17 South, Range 33 East; and

b. Unnamed tributary upstream to the Northern section line of Section 20, Township 16 South, Range 33 East; and

c. Unnamed tributary upstream to the Northern section line of Section 23, Township 16 South, Range 32 East (right fork), and to the Western line of the NE 1/4 of Section 27, Township 16 South, Range 32 East; and

d. Unnamed tributary upstream to the Western section line Section 35, Township 16 South, Range 32 East; and

e. Strickland Bay; and Turnbull Bay and Turnbull Creek upstream to the Northwestern section line of Section 43, Township 17 South, Range 33 East; and

f. Murray Creek upstream to the Town of Ponce Inlet municipal limits; and

g. Waters east from U.S. Highway 1 following the northerly and southerly municipal limits of the Town of Ponce Inlet to its intersection with the western boundary of the Intracoastal Waterway and including Rose Bay upstream to Nova Road (State Road 5A);

h. But excluding all other tributaries (7-11-91).

34. Suwannee River.

35. Tomoka River upstream to Interstate Highway 4; and the following tributaries:

a. Priest Branch upstream to the Western and Southern section lines of Section 6, Township 15 South, Range 32 East; and

b. Little Tomoka River and its tributaries as bounded by the following described line: Begin at the Southwestern point of confluence between the Tomoka River and the Little Tomoka River; thence meander upstream along the Little Tomoka River to the Western section line of Section 25, Township 14 South, Range 31 East; thence South to the Southwest corner of Section 25, Township 14 South, Range 31 East; thence West to the Southwest corner of Section 28, Township 14 South, Range 31 East; thence North to the Northwest corner of Section 28, Township 14 South, Range 31 East; thence East to the West section line of Section 25, Township 14 South, Range 31 East; thence South to the Northern shore of the Little Tomoka River; thence meander easterly to the confluence with the Tomoka River; thence South to the point of beginning; and

c. Groover Branch upstream to the Northern section line of Section 24, Township 14 South, Range 31 East; and

d. Misner's Branch upstream to the Northern section line of Section 29, Township 14 South, Range 32 East; and

e. Thompson Creek and Strickland Creek upstream to the Northern section line of Section 40, Township 14 South, Range 32 East;

f. But excluding all other tributaries (7-11-91).

36. Wacissa River.

37. Wakulla River.

38. Weekiwachee Riverine and Spring System – consisting of the Weekiwachee Springs and River, Mud Springs and River, Jenkins Creek, Salt Spring and Creek, the Weekiwachee Swamp, and all tributaries and contiguous wetlands within the following sections: Township 23 South, Range 17 East, Sections 2-9; Township 22 South, Range 17 East, Sections 20, 21, and 27-35, together with that portion of Section 19 that is southerly of CR 550 (Cortez Blvd.); Township 22 South, Range 16 East, Sections 25 and 36; including any and all waters, and wetlands contiguous to the tributaries located southerly of the north line of Section 25, Township 22 South, Range 16 East and westerly projection thereof and easterly of the west line of Section 36, Township 22 South, Range 16 East and northerly projection thereof, and easterly of a line through latitude 28º 32' 52" North, longitude 82º 39' 23" West, and through latitude 28º 31' 47" North, longitude 82º 39' 52" West (North American Datum of 1983). This OFW excludes artificial waters defined as any water body created by dredging, or excavation, or by the filling in of its boundaries, including canals as defined in subsection 62-312.020(3), F.A.C. (12-11-03).

39. Wekiva River System – consisting of the Wekiva River, Rock Springs Run and its tributary Sulphur Spring, the Little Wekiva River south to its confluence with the southernmost run of Sanlando Springs, Black Water Creek and Swamp (up to Lake Dorr), Lake Norris, Seminole Springs and Creek, Seminole Swamp, Sulphur Spring and Run, and Messant Spring and Creek, but excluding all other tributaries (12-28-88).

40. Wiggins Pass Estuarine Area and the Cocohatchee River System – the estuarine and marine waters from the Lee/Collier County line southward through and including Water Turkey Bay to 50 feet north of S.R. 846 (Bluebill Ave.) 1995 right-of-way; the Cocohatchee River downstream from 50 feet west of U.S. 41 1995 right-of-way; and Wiggins Pass; but excluding maintenance dredging as authorized by Section 403.813(2)(f), F.S., in the following areas:

a. Wiggins Pass from the Gulf of Mexico eastward for 200 linear feet (as measured from the southwestern point of Little Hickory Island);

b. The channel (South Channel, Vanderbilt Channel), that connects Wiggins Pass with Vanderbilt Lagoon through Water Turkey Bay; and

c. East Channel (for purposes of this designation described as the East Channel from its confluence with South Channel to Vanderbilt Drive, including all waters surrounding the spoil islands known as Conklin Point and Island Marina).

41. Withlacoochee Riverine and Lake System, including:

a. The Withlacoochee River downstream of State Road 33 in Lake County to eastern section line of Section 33, Township 16 South, Range 18 East; and

b. The lower Withlacoochee River, from the Gulf of Mexico to the Cross Florida Barge Canal By-Pass Spillway, but not including that portion of the river between Lake Rousseau and the Cross Florida Barge Canal; and

c. The Little Withlacoochee River; and

d. Jumper Creek downstream of State Road 35, including Jumper Creek Swamp; and

e. Gum Springs, Gum Slough (Dead River), and Gum Swamp; and

f. Lake Panasoffkee, Outlet River, Little Jones Creek, Big Jones Creek, and Rutland Creek; and

g. Shady (Brook, Panasoffkee) Creek downstream of State Road 468, including Warm Spring Hammock; and

h. Lake Tsala Apopka; and

i. But excluding all other tributaries and artificial waterbodies, defined as any waterbody created by dredging, or excavation, or by the filling in of its boundaries, including canals as defined in subsection 62-312.020(3), F.A.C. (4-10-89); and

(j) Waters within Rivers Designated Under the Florida Scenic and Wild Rivers Program, Federal Wild and Scenic Rivers Act of 1968 as amended, and Myakka River Wild and Scenic Designation and Preservation Act

River Segment	County
1. Loxahatchee National Wild and Scenic River Segment (5-14-86)	Martin/Palm Beach
2. Myakka Florida Wild and Scenic River Segment (5-14-86)	Sarasota
3. Wekiva Florida Scenic and Wild River Segment (12-1-82)	Lake/Seminole

(k) Waters within National Preserves

National Preserve	County
1. Big Cypress National Preserve (as mod. 5-14-86, 4-19-88, 8-8-94)	Collier/Dade/ Monroe
2. Timucuan Ecological and Historic Preserve (8-8-94)	Duval

(l) Waters within National Marine Sanctuaries

Marine Sanctuary	County
1. Key Largo	Monroe
2. Looe Key (12-1-82)	Monroe

(m) Waters within National Estuarine Research Reserves

National Estuarine Research Reserve	County
1. Apalachicola (12-1-82; as mod. 5-14-86, 4-19-88)	Franklin/Gulf
2. Rookery Bay (as mod. 5-14-86, 4-19-88)	Collier

(n) Certain Waters within the Boundaries of the National Forests

National Forest	County
1. Apalachicola	Wakulla/Leon/ Franklin
a. Sopchoppy River (9-1-82)	
b. Big Dismal Sink (9-1-82)	
2. Ocala	Putnam/Marion/ Lake
a. Alexander Springs (9-1-82)	
b. Alexander Springs Creek (9-1-82)	
c. Juniper Springs (9-1-82)	
d. Juniper Creek (9-1-82)	
e. Salt Springs (9-1-82)	
f. Salt Springs Run (9-1-82)	
g. Lake Dorr (9-1-82)	
h. Lake Kerr (9-1-82)	
i. Little Lake Kerr (9-1-82)	
3. Osceola	Baker/Columbia
a. Deep Creek (9-1-82)	
b. Robinson Creek (9-1-82)	
c. Middle Prong – St. Marys River (9-1-82)	
d. Ocean Pond (9-1-82)	
e. Falling Creek (9-1-82)	

(10) Outstanding National Resource Waters:

(a) The Commission designates the following waters as Outstanding National Resource Waters:

1. Biscayne National Park, as described in the document entitled "Outstanding National Resource Waters Boundary Description and Map for Biscayne National Park", dated June 15, 1989, herein adopted by reference.

2. Everglades National Park, as described in the document entitled "Outstanding National Resource Waters Boundary Description and Map for Everglades National Park", dated June 15, 1989, herein adopted by reference.

(b) It is the intent of the Commission that water bodies designated as Outstanding National Resource Waters shall be protected and maintained to the extent required by the federal Environmental Protection Agency. Therefore, the designations set forth in paragraph 62-302.700(10)(a), F.A.C., shall not be effective until the Florida Legislature enacts legislation specifically authorizing protection and maintenance of Outstanding National Resource Waters to the extent required by the federal Environmental Protection Agency pursuant to 40 C.F.R. 131.12.

(c) It is also the intent of the Commission to utilize the Surface Water Improvement and Management Act planning process, as outlined in Section 373.451, F.S., and Chapter 62-43, F.A.C., to establish the numerical standards for water quality parameters appropriate for Everglades and Biscayne National Parks' status as outstanding National Resource Waters.

(d) The baseline for defining the existing ambient water quality (paragraph 62-4.242(2)(c), F.A.C.) in Outstanding National Resource Waters is a five year period from March 1, 1976 to March 1, 1981, unless otherwise indicated.

Specific Authority 403.061, 403.087, 403.088, 403.804, 403.805 FS. Law Implemented 403.021, 403.061, 403.062, 403.087, 403.088, 403.101, 403.141, 403.182, 403.502, 403.702, 403.708, 403.918 FS. History–New 3-1-79, Amended 8-10-80, 8-24-82, 9-30-82, 11-30-82, 2-1-83, 6-1-83, 3-1-84, 8-16-84, 12-11-84, 1-17-85, 5-8-85, 4-29-86, 5-14-86, 5-22-86, 5-28-86, 10-29-86, 2-18-87, 4-9-87, 11-24-87, 12-15-87, 1-26-88, 4-19-88, 12-28-88, 4-10-89, 9-13-89, 10-4-89, 12-20-89, 1-28-90, Formerly 17-3.041, Amended 10-4-90, 11-8-90, 7-11-91, 8-18-91, 12-11-91, 6-18-92, 1-5-93, 8-8-94, Formerly 17-302.700, Amended 1-23-95, 4-3-95, 4-12-95, 7-16-96, 4-4-01, 12-11-03.

62-302.800 Site Specific Alternative Criteria.

(1) A water body, or portion thereof, may not meet a particular ambient water quality criterion specified for its classification, due to natural background conditions or man-induced conditions which cannot be controlled or abated. In such circumstances, and upon petition by an affected person or upon the initiation by the Department, the Secretary may establish a site specific alternative water quality criterion when an affirmative demonstration is made that an alternative criterion is more appropriate for a specified portion of waters of the state. Public notice and an opportunity for public hearing shall be provided prior to issuing any order establishing alternative criteria.

(a) The affirmative demonstration required by this section shall mean a documented showing that the proposed alternative criteria would exist due to natural background conditions or man-induced conditions which cannot be controlled or abated. Such demonstration shall be based upon relevant factors which include:

1. A description of the physical nature of the specified water body and the water pollution sources affecting the criterion to be altered.

2. A description of the historical and existing water quality of the parameter of concern including, spatial, seasonal, and diurnal variations, and other parameters or conditions which may affect it. Conditions in similar water bodies may be used for comparison.

3. A description of the historical and existing biology, including variations, which may be affected by the parameter of concern. Conditions in similar water bodies may be used for comparison.

4. A discussion of any impacts of the proposed alternative criteria on the designated use of the waters and adjoining waters.

(b) The Secretary shall specify, by order, the site specific criteria for the parameters which the Secretary determines to have been demonstrated by the preponderance of competent substantial evidence to be more appropriate.

(2) In accordance with the procedures set forth below, affected persons may petition the Department to adopt an alternative water quality criterion for a specific water body, or portion thereof, on the basis of site-specific reasons other than those set forth above in subsection 62-302.800(1), F.A.C. The Department shall process any such petition as follows:

(a) No later than 60 days after receipt of a petition, the Department shall review the petition and notify the petitioner of whether the petition is sufficiently complete to enable the Department to evaluate the proposed site-specific alternative criterion under subparagraph (c) below. If the petition is not sufficiently complete, the Department shall request the submittal of additional information. The Department shall review any additional information within 60 days of receipt from the applicant and may then request only that information reasonably needed to clarify or answer new questions directly related to the additional information, unless the Department shows good cause for not having requested the information previously.

(b) Petitions deemed complete by the Department shall be processed under subparagraph (c). For any petition not deemed complete, if the petitioner believes that additional information requested by the Department under subparagraph (a) is not necessary to the Department's evaluation, the Department, at the petitioner's request, shall proceed to process the petition under subparagraph (c) below.

(c) The Department shall initiate rulemaking for the Commission to consider approval of the proposed alternative criterion as a rule if the petitioner meets all the requirements of this subparagraph and its subparts. The petitioner must demonstrate that the proposed criterion would fully maintain and protect human health, existing uses, and the level of water quality necessary to protect human health and existing and designated beneficial uses. If the petition fails to meet any of these requirements (including the required demonstration), the Department shall issue an order denying the petition. In deciding whether to initiate rulemaking or deny the petition, the Department shall evaluate the petition and other relevant information according to the following criteria and procedures:

1. The petition shall include all the information required under subparagraphs (1)(a)1.-4. above.

2. In making the demonstration required by this subparagraph (c), the petition shall include an assessment of aquatic toxicity, except on a showing that no such assessment is relevant to the particular criterion. The assessment of aquatic toxicity shall show that physical and chemical conditions at the site alter the toxicity or bioavailability of the compound in question and shall meet the requirements and follow the Indicator Species procedure set forth in *Water Quality Standards Handbook* (December 1983), a publication of the United States Environmental Protection Agency, incorporated here by reference.

3. The demonstration shall also include a risk assessment that determines the human exposure and health risk associated with the proposed alternative criterion, except on a showing that no such assessment is relevant to the particular criterion. The risk assessment shall include all factors and follow all procedures required by generally accepted scientific principles for such an assessment, such as analysis of existing water and sediment quality, potential transformation pathways, the chemical form of the compound in question, indigenous species, bioaccumulation and bioconcentration rates, and existing and potential rates of human consumption of fish, shellfish, and water. If the results of the assessments of health risks and aquatic toxicity differ, the more stringent result shall govern.

4. The demonstration shall include information indicating that one or more assumptions used in the risk assessment on which the existing criterion is based are inappropriate at the site in question and that the proposed assumptions are more appropriate or that physical or chemical characteristics of the site alter the toxicity or bioavailability of the compound. Such a variance of assumptions, however, shall not be a ground for a proposed alternative criterion unless the assumptions characterize a factor specific to the site, such as bioaccumulation rates, rather than a generic factor, such as the cancer potency and reference dose of the compound. Man-induced pollution that can be controlled or abated shall not be deemed a ground for a proposed alternative criterion.

5. The petition shall include all information required for the Department to complete its economic impact statement for the proposed criterion.

6. For any alternative criterion more stringent than the existing criterion, the petition shall include an analysis of the attainability of the alternative criterion.

7. No later than 180 days after receipt of a complete petition or after a petitioner requests processing of a petition not found to be complete, the Department shall notify the petitioner of its decision on the petition. The Department shall publish in the Florida Administrative Weekly either a notice of rulemaking for the proposed alternative criterion or a notice of the denial of the petition, as appropriate, within 30 days after notifying the petitioner of the decision. A denial of the petition shall become final within 14 days unless timely challenged under Section 120.57, F.S.

(d) The provisions of this subsection do not apply to criteria contained in Rule 62-302.500, F.A.C., or criteria that apply to:

1. Bacteriological Quality.
2. Biological Integrity.
3. B.O.D.
4. Chlorides.
5. Color.
6. Detergents.
7. Dissolved Oxygen.
8. Dissolved Solids.
9. Nutrients.
10. Odor.
11. Oils and Greases.
12. Radioactive Substances.
13. Specific Conductance.
14. Substances in concentrations that injure, are chronically toxic to, or produce adverse physiological or behavioral response in humans, animals, or plants.
15. Substances in concentrations that result in the dominance of nuisance species.
16. Total Dissolved Gases.
17. Transparency.
18. Turbidity.
19. Any criterion or maximum concentration based on or set forth in paragraph 62-4.244(3)(b), F.A.C.

(e) Despite any failure of the Department to meet a deadline set forth in this subsection (4), the grant of an alternative criterion shall not become effective unless approved as a rule by the Commission.

(f) Nothing in this rule shall alter the rights afforded to affected persons by Chapter 120, F.S.

(3) The Department shall modify permits of existing sources affected in a manner consistent with the Secretary's Order.

(4) Additional relief from criteria established by this Chapter may be provided through exemption pursuant to Rule 62-4.243, F.A.C., or variances as provided for by Rule 62-103.100, F.A.C.

Specific Authority 403.061, 403.062, 403.087, 403.504, 403.704, 403.804, 403.805 FS. Law Implemented 403.021, 403.061, 403.087, 403.088, 403.141, 403.161, 403.201, 403.502 FS. History–Formerly 17-3.05(4), Amended 3-1-79, 10-2-80, 2-1-83, Formerly 17-3.031, Amended 6-17-92, Formerly 17-302.800, Amended 5-15-02.

Appendix 7-6. Available Groundwater Data for the Sweetwater Creek Watershed

Organization Code	Primary Station ID	Latitude	Longitude	Ground Water Indicator	Sample Code	Start Date	Start Time	Parameter Code	Parameter Long Name	Result Value
21FLGW	280408082295401	28.068889	82.498333	G	14223239	1-Jun-84	1200	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	45.00
21FLGW	280408082295401	28.068889	82.498333	G	14223239	1-Jun-84	1200	72008	DEPTH, TOTAL OF WELL (FT BELOW LAND SURFACE DATUM)	20.00
21FLGW	280408082295401	28.068889	82.498333	G	14223239	1-Jun-84	1200	73665	BOTTOM OF CASING SEGMENT BELOW LSD FEET	10.00
21FLGW	280408082295401	28.068889	82.498333	G	14223239	1-Jun-84	1200	73667	DIAMETER OF OPEN SECTION(PIPE,SCREEN OR HOLE) INCH	4.00
21FLGW	280408082295401	28.068889	82.498333	G	14223239	1-Jun-84	1200	82509	SCREENED INTERVAL (FEET)	10.00
21FLGW	280408082295401	28.068889	82.498333	G	14223239	1-Jun-84	1200	82513	CASING DIAMETER (INCHES)	4.00
21FLGW	280408082295401	28.068889	82.498333	G	14223239	1-Jun-84	1200	84055	AVAILABLE LOGS ALPHA-NUMERIC CODE	D
21FLGW	280408082295401	28.068889	82.498333	G	14223239	1-Jun-84	1200	84061	WELL USE ALPHA-NUMERIC CODE	OTHER
21FLGW	280408082295401	28.068889	82.498333	G	14223239	1-Jun-84	1200	84063	DRILLING METHOD ALPHA-NUMERIC CODE	BORE
21FLGW	280408082295401	28.068889	82.498333	G	14223239	1-Jun-84	1200	84113	WELL INTAKE FINISH CODE	UNKSC
21FLGW	280408082295401	28.068889	82.498333	G	14223239	1-Jun-84	1200	84114	WELL CASING MATERIAL CODE	PVC
21FLGW	280408082295401	28.068889	82.498333	G	14223239	1-Jun-84	1200	84115	TYPE OF MATERIAL FROM WHICH OPENING IS MADE CODE	PVC
21FLGW	280408082295401	28.068889	82.498333	G	14223240	2-Feb-90	916	10	TEMPERATURE, WATER (DEGREES CENTIGRADE)	22.00
21FLGW	280408082295401	28.068889	82.498333	G	14223240	2-Feb-90	916	94	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	40.00
21FLGW	280408082295401	28.068889	82.498333	G	14223240	2-Feb-90	916	406	PH, FIELD, STANDARD UNITS SU	4.85
21FLGW	280408082295401	28.068889	82.498333	G	14223240	2-Feb-90	916	72109	DEPTH TO WATER LEVEL FROM A MEASURING POINT (FEET)	6.72
21FLGW	280408082295401	28.068889	82.498333	G	14223240	2-Feb-90	916	73675	VOL OF H20 EVACUATED FRM WELL PRIORTO SAMPLEGALLON	30.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	0.03
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	0.05
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	0.05
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	680	CARBON, TOTAL ORGANIC (MG/L AS C)	1.70
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	723	CYANIDE, DISSOLVED STD METHOD (UG/L)	0.02
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	915	CALCIUM, DISSOLVED (MG/L AS CA)	2.80
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1.20
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	930	SODIUM, DISSOLVED (MG/L AS NA)	2.90
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	935	POTASSIUM, DISSOLVED (MG/L AS K)	0.20
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	941	CHLORIDE, DISSOLVED IN WATER MG/L	4.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	946	SULFATE, DISSOLVED (MG/L AS SO4)	6.20
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	950	FLUORIDE, DISSOLVED (MG/L AS F)	0.20
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	1000	ARSENIC, DISSOLVED (UG/L AS AS)	3.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	1005	BARIUM, DISSOLVED (UG/L AS BA)	16.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	1025	CADMIUM, DISSOLVED (UG/L AS CD)	0.10
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	1030	CHROMIUM, DISSOLVED (UG/L AS CR)	10.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	1040	COPPER, DISSOLVED (UG/L AS CU)	5.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	1046	IRON, DISSOLVED (UG/L AS FE)	524.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	1049	LEAD, DISSOLVED (UG/L AS PB)	3.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	1056	MANGANESE, DISSOLVED (UG/L AS MN)	10.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	1065	NICKEL, DISSOLVED (UG/L AS NI)	5.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	1075	SILVER, DISSOLVED (UG/L AS AG)	0.30
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	1080	STRONTIUM, DISSOLVED (UG/L AS SR)	23.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	1090	ZINC, DISSOLVED (UG/L AS ZN)	3.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	1145	SELENIUM, DISSOLVED (UG/L AS SE)	3.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	4253	METHYLISOTHIOCYANATE, TOTAL, WATER UG/L	75.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	4254	METALAXYL, TOTAL, WATER UG/L	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	4255	BICARBONATE ALKALINITY(CAC03),DISSOLVED,WATER MG/L	5.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	4256	CARBONATE ALKALINITY(CACO3),DISSOLVED,WATER MG/L	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	4257	ALDICARB SULFONE, TOTAL, WATER UG/L	0.50
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	4258	HYDROXYCARBOFURAN, 3-, TOTAL, WATER UG/L	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	4260	ALDICARB SULFOXIDE, TOTAL, WATER UG/L	0.50
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	32104	BROMOFORM,WHOLE WATER,UG/L	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	32106	CHLOROFORM,WHOLE WATER,UG/L	1.00

21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34200	ACENAPHTHYLENE TOTWUG/L	10.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34205	ACENAPHTHENE TOTWUG/L	10.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34220	ANTHRACENE TOTWUG/L	10.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	10.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	10.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34247	BENZO-A-PYRENE TOTWUG/L	10.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	0.01
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	10.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	20.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	20.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	10.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34301	CHLOROBENZENE TOTWUG/L	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34311	CHLOROETHANE TOTWUG/L	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34320	CHRYSENE TOTWUG/L	10.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34336	DIETHYL PHTHALATE TOTWUG/L	10.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34341	DIMETHYL PHTHALATE TOTWUG/L	10.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	10.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34351	ENDOSULFAN SULFATE TOTWUG/L	0.10
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34356	ENDOSULFAN, BETA TOTWUG/L	0.05
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34361	ENDOSULFAN, ALPHA TOTWUG/L	0.02
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34371	ETHYLBENZENE TOTWUG/L	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34376	FLUORANTHENE TOTWUG/L	10.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34381	FLUORENE TOTWUG/L	10.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	10.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34391	HEXACHLOROBUTADIENE TOTWUG/L	10.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34396	HEXACHLOROETHANE TOTWUG/L	60.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	10.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34408	ISOPHORONE TOTWUG/L	10.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34413	METHYL BROMIDE TOTWUG/L	5.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34418	METHYL CHLORIDE TOTWUG/L	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34423	METHYLENE CHLORIDE TOTWUG/L	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	10.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	160.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34447	NITROBENZENE TOTWUG/L	10.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34461	PHENANTHRENE TOTWUG/L	10.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34469	PYRENE TOTWUG/L	10.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34475	TETRACHLOROETHYLENE TOTWUG/L	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34496	1,1-DICHLOROETHANE TOTWUG/L	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34501	1,1-DICHLOROETHYLENE TOTWUG/L	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	20.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	10.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34531	1,2-DICHLOROETHANE TOTWUG/L	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34536	1,2-DICHLOROBENZENE TOTWUG/L	10.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34541	1,2-DICHLOROPROPANE TOTWUG/L	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	10.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	25.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34561	1,3-DICHLOROPROPENE TOTWUG/L	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34566	1,3-DICHLOROBENZENE TOTWUG/L	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34571	1,4-DICHLOROBENZENE TOTWUG/L	10.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34581	2-CHLORONAPHTHALENE TOTWUG/L	10.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34586	2-CHLOROPHENOL TOTWUG/L	20.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34591	2-NITROPHENOL TOTWUG/L	30.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	10.00

21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34601	2,4-DICHLOROPHENOL TOTWUG/L	20.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34606	2,4-DIMETHYLPHENOL TOTWUG/L	20.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34611	2,4-DINITROTOLUENE TOTWUG/L	10.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34616	2,4-DINITROPHENOL TOTWUG/L	30.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	20.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34626	2,6-DINITROTOLUENE TOTWUG/L	10.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	10.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	10.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	10.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34646	4-NITROPHENOL TOTWUG/L	50.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	30.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34671	PCB - 1016 TOTWUG/L	0.50
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	20.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	34696	NAPHTHALENE TOTWUG/L	10.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	38537	PROPOXUR WATER, TOTUG/L	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	38745	2,4-DB WATER, TOTUG/L	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	38760	DBCP WATER, TOTUG/L	0.02
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	38815	HEXAZINONE WATER, TOTUG/L	0.50
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	38855	NALED WATER, TOTUG/L	0.10
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	38865	OXAMYL WATER, TOTUG/L	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	38892	TRIADIMEFON WATER, TOTUG/L	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	38927	METHAMIDOPHOS(MONITOR) WHOLE WATER SAMPLE UG/L	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	38929	FENAMIPHOS(NEMACUR) WHOLE WATER SAMPLE UG/L	0.50
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	39002	BENEFIN,ELECTRONCAPTURE, WATER SAMPLE (UG/L)	0.01
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	30.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	39033	ATRAZINE IN WHOLE WATER SAMPLE UG/L	0.10
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	39051	METHOMYL IN WHOLE WATER (UG/L)	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	39053	ALDICARB IN WHOLE WATER (UG/L)	0.50
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	39055	SIMAZINE IN WHOLE WATER (UG/L)	0.20
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	39057	PROMETRYNE IN WHOLE WATER (UG/L)	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	10.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	10.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	10.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	0.01
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	0.02
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	0.02
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	0.01
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	0.01
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	0.01
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	0.10
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	0.02
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	0.05
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	39460	CHLOROBENZILATE IN WHOLE WATER SAMPLE (UG/L)	0.20
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	0.50
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	0.50
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	0.50
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	0.50
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	0.50
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	0.50
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	0.05
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	39610	PHOSDRIN IN WHOLE WATER SAMPLE (UG/L)	0.01
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	39650	DIURON IN WHOLE WATER SAMPLE (UG/L)	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	20.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	39720	PICLORAM IN WHOLE WATER SAMPLE (UG/L)	0.02
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	0.10
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	39780	DICOFOL IN WHOLE WATER SAMPLE (UG/L)	0.02

21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	45638	DICHLOROPROPANE, 1,1,1- , WATER, WHOLE UG/L	0.50
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	46491	METHYL TERTIARY BUTYL ETHER(MTBE),TOTAL,WATER UG/L	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	11.93
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	26.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	70314	DACONIL(C8CL4N2) IN WATER UG/L	0.01
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	71890	MERCURY, DISSOLVED (UG/L AS HG)	0.20
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	77128	STYRENE WHOLE WATER,UG/L	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	77548	CHLOROPICRIN WHOLE WATER,UG/L	0.01
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	0.02
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	77700	CARBARYL WHOLE WATER,UG/L	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	77825	ALACHLOR WHOLE WATER,UG/L	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	77969	CHLOROPYRIFOS IN WATER UG/L	0.01
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	77970	CHLOROTOLUENE IN WATER UG/L	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	78064	NORFLURAZON IN WATER UG/L	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	78917	ISOPHENPHOS, WHOLE WATER UG/L	0.20
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	79190	PENDIMETHALIN, WATER, WHOLE UG/L	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	79191	PERMETHRIN IN WHOLE WATER UG/L	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	81284	TRIFLURALIN(C13H16F3N3O4) WHOLE WATER SAMPLE UG/L	0.01
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	81405	CARBOFURAN (EURADAN) WHOLE WATER SAMPLE UG/L	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	81408	METRIBUZIN (SENCOR), WATER, WHOLE UG/L	0.50
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	81551	XYLENE WHL WATER SMPL UG/L	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	81686	CIS-1,2-DICHLOROETHENE IN WHOLE WATER SAMPLE MG/L	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	81758	ETHOPROP IN THE WHOLE WATER SAMPLE UG/L	0.01
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	81888	DISULFOTON IN WHOLE WATER SAMPLE UG/L	0.05
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	82052	BANVEL (DICAMBA) WHOLE WATER,UG/L	5.00
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	82088	TERBUFOS (COUNTER) TOTAL WHOLE WATER,UG/L	0.50
21FLGW	280408082295401	28.068889	82.498333	G	14223241	2-Mar-90	916	82198	BROMACIL (HYVAR) IN WATER UG/L	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	10	TEMPERATURE, WATER (DEGREES CENTIGRADE)	23.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	76	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	3.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	94	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	40.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	406	PH, FIELD, STANDARD UNITS SU	5.20
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	0.46
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	612	AMMONIA, UNIONZED (MG/L AS N)	0.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	619	AMMONIA, UNIONIZED (CALC FR TEMP-PH-NH4) (MG/L)	0.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	0.05
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	0.02
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	680	CARBON, TOTAL ORGANIC (MG/L AS C)	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	915	CALCIUM, DISSOLVED (MG/L AS CA)	2.80
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	925	MAGNESIUM, DISSOLVED (MG/L AS MG)	0.90
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	930	SODIUM, DISSOLVED (MG/L AS NA)	2.30
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	935	POTASSIUM, DISSOLVED (MG/L AS K)	0.20
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	941	CHLORIDE, DISSOLVED IN WATER MG/L	2.80
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	946	SULFATE, DISSOLVED (MG/L AS SO4)	11.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	950	FLUORIDE, DISSOLVED (MG/L AS F)	0.07
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	955	SILICA, DISSOLVED (MG/L AS SI02)	3.60
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	1000	ARSENIC, DISSOLVED (UG/L AS AS)	20.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	1005	BARIUM, DISSOLVED (UG/L AS BA)	13.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	1025	CADMIUM, DISSOLVED (UG/L AS CD)	0.10
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	1030	CHROMIUM, DISSOLVED (UG/L AS CR)	10.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	1040	COPPER, DISSOLVED (UG/L AS CU)	5.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	1046	IRON, DISSOLVED (UG/L AS FE)	328.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	1049	LEAD, DISSOLVED (UG/L AS PB)	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	1056	MANGANESE, DISSOLVED (UG/L AS MN)	9.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	1065	NICKEL, DISSOLVED (UG/L AS NI)	5.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	1075	SILVER, DISSOLVED (UG/L AS AG)	3.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	1080	STRONTIUM, DISSOLVED (UG/L AS SR)	24.00

21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	1090	ZINC, DISSOLVED (UG/L AS ZN)	5.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	1145	SELENIUM, DISSOLVED (UG/L AS SE)	3.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	4254	METALAXYL, TOTAL, WATER UG/L	0.50
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	4255	BICARBONATE ALKALINITY(CAC03),DISSOLVED,WATER MG/L	5.80
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	4257	ALDICARB SULFONE, TOTAL, WATER UG/L	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	4258	HYDROXYCARBOFURAN, 3-, TOTAL, WATER UG/L	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	4260	ALDICARB SULFOXIDE, TOTAL, WATER UG/L	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	0.50
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	0.50
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	32104	BROMOFORM,WHOLE WATER,UG/L	0.50
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	0.50
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	32106	CHLOROFORM,WHOLE WATER,UG/L	0.50
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34200	ACENAPHTHYLENE TOTWUG/L	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34205	ACENAPHTHENE TOTWUG/L	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34220	ANTHRACENE TOTWUG/L	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34247	BENZO-A-PYRENE TOTWUG/L	4.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	0.01
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34301	CHLOROBENZENE TOTWUG/L	0.50
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34311	CHLOROETHANE TOTWUG/L	0.50
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34336	DIETHYL PHTHALATE TOTWUG/L	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34341	DIMETHYL PHTHALATE TOTWUG/L	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34351	ENDOSULFAN SULFATE TOTWUG/L	8.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34356	ENDOSULFAN, BETA TOTWUG/L	0.01
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34361	ENDOSULFAN, ALPHA TOTWUG/L	0.01
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34366	ENDRIN ALDEHYDE TOTWUG/L	8.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34371	ETHYLBENZENE TOTWUG/L	0.50
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34376	FLUORANTHENE TOTWUG/L	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34391	HEXACHLOROBUTADIENE TOTWUG/L	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34396	HEXACHLOROETHANE TOTWUG/L	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	5.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34408	ISOPHORONE TOTWUG/L	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34418	METHYL CHLORIDE TOTWUG/L	0.50
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34423	METHYLENE CHLORIDE TOTWUG/L	0.50
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34447	NITROBENZENE TOTWUG/L	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34452	PARACHLOROMETA CRESOL TOTWUG/L	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34461	PHENANTHRENE TOTWUG/L	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34475	TETRACHLOROETHYLENE TOTWUG/L	0.50
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34496	1,1-DICHLOROETHANE TOTWUG/L	0.50
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34501	1,1-DICHLOROETHYLENE TOTWUG/L	0.50
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	0.50
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	0.50
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	0.50
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	5.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	5.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34531	1,2-DICHLOROETHANE TOTWUG/L	0.50
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34536	1,2-DICHLOROBENZENE TOTWUG/L	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34541	1,2-DICHLOROPROPANE TOTWUG/L	0.50
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	0.50
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34561	1,3-DICHLOROPROPENE TOTWUG/L	0.50
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34566	1,3-DICHLOROBENZENE TOTWUG/L	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34571	1,4-DICHLOROBENZENE TOTWUG/L	2.00

21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	0.50
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34581	2-CHLORONAPHTHALENE TOTWUG/L	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34586	2-CHLOROPHENOL TOTWUG/L	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34591	2-NITROPHENOL TOTWUG/L	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34601	2,4-DICHLOROPHENOL TOTWUG/L	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34606	2,4-DIMETHYLPHENOL TOTWUG/L	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34611	2,4-DINITROTOLUENE TOTWUG/L	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34616	2,4-DINITROPHENOL TOTWUG/L	15.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34626	2,6-DINITROTOLUENE TOTWUG/L	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	5.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34646	4-NITROPHENOL TOTWUG/L	15.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	15.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34671	PCB - 1016 TOTWUG/L	1000.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	34696	NAPHTHALENE TOTWUG/L	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	38537	PROPOXUR WATER, TOTUG/L	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	38745	2,4-DB WATER, TOTUG/L	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	38760	DBCP WATER, TOTUG/L	0.02
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	38815	HEXAZINONE WATER, TOTUG/L	0.10
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	38855	NALED WATER, TOTUG/L	0.20
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	38892	TRIADIMEFON WATER, TOTUG/L	0.20
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	38929	FENAMIPHOS(NEMACUR) WHOLE WATER SAMPLE UG/L	0.04
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	39033	ATRAZINE IN WHOLE WATER SAMPLE UG/L	0.03
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	39051	METHOMYL IN WHOLE WATER (UG/L)	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	39053	ALDICARB IN WHOLE WATER (UG/L)	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	39055	SIMAZINE IN WHOLE WATER (UG/L)	0.03
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	39057	PROMETRYNE IN WHOLE WATER (UG/L)	0.04
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	0.50
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	0.50
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	0.01
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	8.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	8.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	8.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	8.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	0.01
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	8.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	0.20
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	8.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	0.02
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	0.50
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	8.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	8.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	39460	CHLOROBENZILATE IN WHOLE WATER SAMPLE (UG/L)	0.06
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	1000.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	1000.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	1000.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	1000.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	1000.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	1000.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	0.03
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	39610	PHOSDRIN IN WHOLE WATER SAMPLE (UG/L)	0.20
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	39650	DIURON IN WHOLE WATER SAMPLE (UG/L)	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	2.00

21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	39720	PICLORAM IN WHOLE WATER SAMPLE (UG/L)	0.02
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	0.10
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	10.70
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	72109	DEPTH TO WATER LEVEL FROM A MEASURING POINT (FEET)	9.37
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	73675	VOL OF H20 EVACUATED FRM WELL PRIORTO SAMPLEGALLON	35.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	77548	CHLOROPICRIN WHOLE WATER,UG/L	0.02
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	0.02
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	77700	CARBARYL WHOLE WATER,UG/L	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	77825	ALACHLOR WHOLE WATER,UG/L	0.20
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	77969	CHLOROPYRIFOS IN WATER UG/L	0.01
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	78064	NORFLURAZON IN WATER UG/L	0.20
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	0.50
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	0.50
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	78917	ISOPHENPHOS, WHOLE WATER UG/L	0.04
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	81405	CARBOFURAN (EURADAN) WHOLE WATER SAMPLE UG/L	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	81408	METRIBUZIN (SENCOR), WATER, WHOLE UG/L	0.05
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	81551	XYLENE WHL WATER SMPL UG/L	0.50
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	81758	ETHOPROP IN THE WHOLE WATER SAMPLE UG/L	0.02
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	81888	DISULFOTON IN WHOLE WATER SAMPLE UG/L	0.05
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	82052	BANVEL (DICAMBA) WHOLE WATER,UG/L	5.00
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	82088	TERBUFOS (COUNTER) TOTAL WHOLE WATER,UG/L	0.10
21FLGW	280408082295401	28.068889	82.498333	G	14223242	6-Feb-91	1217	82198	BROMACIL (HYVAR) IN WATER UG/L	0.20
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	10	TEMPERATURE, WATER (DEGREES CENTIGRADE)	23.30
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	76	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	0.05
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	90	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	248.30
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	94	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	43.40
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	95	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	41.00
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	299	OXYGEN ,DISSOLVED, ANALYSIS BY PROBE MG/L	0.14
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	1.61
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	406	PH, FIELD, STANDARD UNITS SU	4.58
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	0.03
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	612	AMMONIA, UNIONZED (MG/L AS N)	0.00
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	619	AMMONIA, UNIONIZED (CALC FR TEMP-PH-NH4) (MG/L)	0.00
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	0.09
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	0.02
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	666	PHOSPHORUS, DISSOLVED (MG/L AS P)	0.00
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	0.03
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	680	CARBON, TOTAL ORGANIC (MG/L AS C)	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	745	SULFIDE, TOTAL (MG/L AS S)	0.05
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	915	CALCIUM, DISSOLVED (MG/L AS CA)	1.95
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	925	MAGNESIUM, DISSOLVED (MG/L AS MG)	0.94
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	930	SODIUM, DISSOLVED (MG/L AS NA)	2.35
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	935	POTASSIUM, DISSOLVED (MG/L AS K)	0.20
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	941	CHLORIDE, DISSOLVED IN WATER MG/L	3.50
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	946	SULFATE, DISSOLVED (MG/L AS SO4)	9.60
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	950	FLUORIDE, DISSOLVED (MG/L AS F)	0.10
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	955	SILICA, DISSOLVED (MG/L AS SI02)	3.70
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	1002	ARSENIC, TOTAL (UG/L AS AS)	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	1005	BARIUM, DISSOLVED (UG/L AS BA)	9.60
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	1007	BARIUM, TOTAL (UG/L AS BA)	9.60
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	1010	BERYLLIUM, DISSOLVED (UG/L AS BE)	0.20
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	1012	BERYLLIUM, TOTAL (UG/L AS BE)	0.50
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	1025	CADMIUM, DISSOLVED (UG/L AS CD)	0.06
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	1027	CADMIUM, TOTAL (UG/L AS CD)	0.03
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	1034	CHROMIUM, TOTAL (UG/L AS CR)	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	1040	COPPER, DISSOLVED (UG/L AS CU)	2.80
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	1042	COPPER, TOTAL (UG/L AS CU)	1.50

21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	1045	IRON, TOTAL (UG/L AS FE)	266.00
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	1046	IRON, DISSOLVED (UG/L AS FE)	155.00
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	1049	LEAD, DISSOLVED (UG/L AS PB)	1.23
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	1051	LEAD, TOTAL (UG/L AS PB)	0.73
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	1055	MANGANESE, TOTAL (UG/L AS MN)	5.00
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	1056	MANGANESE, DISSOLVED (UG/L AS MN)	6.00
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	1059	THALLIUM, TOTAL (UG/L AS TL)	0.02
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	1065	NICKEL, DISSOLVED (UG/L AS NI)	4.00
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	1067	NICKEL, TOTAL (UG/L AS NI)	4.00
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	1077	SILVER, TOTAL (UG/L AS AG)	0.04
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	1080	STRONTIUM, DISSOLVED (UG/L AS SR)	19.00
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	1082	STRONTIUM, TOTAL (UG/L AS SR)	19.00
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	1085	VANADIUM, DISSOLVED (UG/L AS V)	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	1087	VANADIUM, TOTAL (UG/L AS V)	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	1090	ZINC, DISSOLVED (UG/L AS ZN)	21.00
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	1092	ZINC, TOTAL (UG/L AS ZN)	11.00
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	1097	ANTIMONY, TOTAL (UG/L AS SB)	0.20
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	1105	ALUMINUM, TOTAL (UG/L AS AL)	154.00
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	1106	ALUMINUM, DISSOLVED (UG/L AS AL)	146.00
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	1147	SELENIUM, TOTAL (UG/L AS SE)	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	29801	ALKALINITY,WATR,DISS.,FIX END PT,LAB,AS CACO3,MG/L	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	8.74
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	71900	MERCURY, TOTAL (UG/L AS HG)	0.10
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	72109	DEPTH TO WATER LEVEL FROM A MEASURING POINT (FEET)	6.20
21FLGW	280408082295401	28.068889	82.498333	G	14223243	26-Jun-96	1315	73675	VOL OF H20 EVACUATED FRM WELL PRIORTO SAMPLEGALLON	30.00
21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	76	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	0.50
21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	95	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	43.00
21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	0.03
21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	0.06
21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	0.01
21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	666	PHOSPHORUS, DISSOLVED (MG/L AS P)	0.00
21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	0.03
21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	680	CARBON, TOTAL ORGANIC (MG/L AS C)	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	745	SULFIDE, TOTAL (MG/L AS S)	0.05
21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	915	CALCIUM, DISSOLVED (MG/L AS CA)	1.90
21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	925	MAGNESIUM, DISSOLVED (MG/L AS MG)	0.94
21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	930	SODIUM, DISSOLVED (MG/L AS NA)	2.14
21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	935	POTASSIUM, DISSOLVED (MG/L AS K)	0.10
21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	941	CHLORIDE, DISSOLVED IN WATER MG/L	3.40
21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	946	SULFATE, DISSOLVED (MG/L AS SO4)	9.70
21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	950	FLUORIDE, DISSOLVED (MG/L AS F)	0.10
21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	955	SILICA, DISSOLVED (MG/L AS SI02)	3.70
21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	1002	ARSENIC, TOTAL (UG/L AS AS)	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	1005	BARIUM, DISSOLVED (UG/L AS BA)	10.00
21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	1007	BARIUM, TOTAL (UG/L AS BA)	9.77
21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	1010	BERYLLIUM, DISSOLVED (UG/L AS BE)	0.20
21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	1012	BERYLLIUM, TOTAL (UG/L AS BE)	0.50
21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	1025	CADMIUM, DISSOLVED (UG/L AS CD)	0.02
21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	1027	CADMIUM, TOTAL (UG/L AS CD)	0.02
21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	1034	CHROMIUM, TOTAL (UG/L AS CR)	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	1040	COPPER, DISSOLVED (UG/L AS CU)	0.50
21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	1042	COPPER, TOTAL (UG/L AS CU)	1.40
21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	1045	IRON, TOTAL (UG/L AS FE)	289.00
21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	1046	IRON, DISSOLVED (UG/L AS FE)	326.00
21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	1049	LEAD, DISSOLVED (UG/L AS PB)	0.20
21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	1051	LEAD, TOTAL (UG/L AS PB)	0.52
21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	1055	MANGANESE, TOTAL (UG/L AS MN)	6.00

21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	1056	MANGANESE, DISSOLVED (UG/L AS MN)	7.00
21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	1059	THALLIUM, TOTAL (UG/L AS TL)	0.02
21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	1065	NICKEL, DISSOLVED (UG/L AS NI)	4.00
21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	1067	NICKEL, TOTAL (UG/L AS NI)	4.00
21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	1077	SILVER, TOTAL (UG/L AS AG)	0.04
21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	1080	STRONTIUM, DISSOLVED (UG/L AS SR)	20.00
21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	1082	STRONTIUM, TOTAL (UG/L AS SR)	19.00
21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	1085	VANADIUM, DISSOLVED (UG/L AS V)	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	1087	VANADIUM, TOTAL (UG/L AS V)	2.00
21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	1090	ZINC, DISSOLVED (UG/L AS ZN)	4.00
21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	1092	ZINC, TOTAL (UG/L AS ZN)	11.00
21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	1097	ANTIMONY, TOTAL (UG/L AS SB)	0.20
21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	1105	ALUMINUM, TOTAL (UG/L AS AL)	163.00
21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	1106	ALUMINUM, DISSOLVED (UG/L AS AL)	128.00
21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	1147	SELENIUM, TOTAL (UG/L AS SE)	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	29801	ALKALINITY,WATR,DISS.,FIX END PT,LAB,AS CACO3,MG/L	1.00
21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	8.62
21FLGW	280408082295401	28.068889	82.498333	G	14223244	26-Jun-96	1330	71900	MERCURY, TOTAL (UG/L AS HG)	0.10
21FLGW	280323082303901	28.056389	82.510833	G	14223222	1-Jun-84	1200	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	43.27
21FLGW	280323082303901	28.056389	82.510833	G	14223222	1-Jun-84	1200	72008	DEPTH, TOTAL OF WELL (FT BELOW LAND SURFACE DATUM)	13.00
21FLGW	280323082303901	28.056389	82.510833	G	14223222	1-Jun-84	1200	73665	BOTTOM OF CASING SEGMENT BELOW LSD FEET	3.00
21FLGW	280323082303901	28.056389	82.510833	G	14223222	1-Jun-84	1200	73667	DIAMETER OF OPEN SECTION(PIPE,SCREEN OR HOLE) INCH	2.00
21FLGW	280323082303901	28.056389	82.510833	G	14223222	1-Jun-84	1200	82509	SCREENED INTERVAL (FEET)	10.00
21FLGW	280323082303901	28.056389	82.510833	G	14223222	1-Jun-84	1200	82513	CASING DIAMETER (INCHES)	2.00
21FLGW	280323082303901	28.056389	82.510833	G	14223222	1-Jun-84	1200	82514	MEASURING POINT ELEVATION (FEET)	44.88
21FLGW	280323082303901	28.056389	82.510833	G	14223222	1-Jun-84	1200	84055	AVAILABLE LOGS ALPHA-NUMERIC CODE	D
21FLGW	280323082303901	28.056389	82.510833	G	14223222	1-Jun-84	1200	84061	WELL USE ALPHA-NUMERIC CODE	MONWQ
21FLGW	280323082303901	28.056389	82.510833	G	14223222	1-Jun-84	1200	84063	DRILLING METHOD ALPHA-NUMERIC CODE	BORE
21FLGW	280323082303901	28.056389	82.510833	G	14223222	1-Jun-84	1200	84113	WELL INTAKE FINISH CODE	UNKSC
21FLGW	280323082303901	28.056389	82.510833	G	14223222	1-Jun-84	1200	84114	WELL CASING MATERIAL CODE	PVC
21FLGW	280323082303901	28.056389	82.510833	G	14223222	1-Jun-84	1200	84115	TYPE OF MATERIAL FROM WHICH OPENING IS MADE CODE	PVC
21FLGW	280323082303901	28.056389	82.510833	G	14223223	6-Feb-90	1215	10	TEMPERATURE, WATER (DEGREES CENTIGRADE)	23.00
21FLGW	280323082303901	28.056389	82.510833	G	14223223	6-Feb-90	1215	94	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	85.00
21FLGW	280323082303901	28.056389	82.510833	G	14223223	6-Feb-90	1215	406	PH, FIELD, STANDARD UNITS SU	4.60
21FLGW	280323082303901	28.056389	82.510833	G	14223223	6-Feb-90	1215	72109	DEPTH TO WATER LEVEL FROM A MEASURING POINT (FEET)	6.54
21FLGW	280323082303901	28.056389	82.510833	G	14223223	6-Feb-90	1215	73675	VOL OF H20 EVACUATED FRM WELL PRIORTO SAMPLEGALLON	20.00
21FLGW	280323082303901	28.056389	82.510833	G	14223223	6-Feb-90	1215	82514	MEASURING POINT ELEVATION (FEET)	44.88
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	0.40
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	0.44
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	0.05
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	680	CARBON, TOTAL ORGANIC (MG/L AS C)	29.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	723	CYANIDE, DISSOLVED STD METHOD (UG/L)	0.01
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	915	CALCIUM, DISSOLVED (MG/L AS CA)	4.80
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1.80
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	930	SODIUM, DISSOLVED (MG/L AS NA)	5.10
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	935	POTASSIUM, DISSOLVED (MG/L AS K)	2.20
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	941	CHLORIDE, DISSOLVED IN WATER MG/L	14.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	946	SULFATE, DISSOLVED (MG/L AS SO4)	8.30
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	950	FLUORIDE, DISSOLVED (MG/L AS F)	0.09
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	1000	ARSENIC, DISSOLVED (UG/L AS AS)	3.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	1005	BARIUM, DISSOLVED (UG/L AS BA)	24.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	1025	CADMIUM, DISSOLVED (UG/L AS CD)	0.10
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	1030	CHROMIUM, DISSOLVED (UG/L AS CR)	10.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	1040	COPPER, DISSOLVED (UG/L AS CU)	5.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	1046	IRON, DISSOLVED (UG/L AS FE)	831.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	1049	LEAD, DISSOLVED (UG/L AS PB)	1.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	1056	MANGANESE, DISSOLVED (UG/L AS MN)	9.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	1065	NICKEL, DISSOLVED (UG/L AS NI)	5.00

21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	1075	SILVER, DISSOLVED (UG/L AS AG)	0.10
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	1080	STRONTIUM, DISSOLVED (UG/L AS SR)	42.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	1090	ZINC, DISSOLVED (UG/L AS ZN)	3.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	1145	SELENIUM, DISSOLVED (UG/L AS SE)	3.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	4253	METHYLISOTHIOCYANATE, TOTAL, WATER UG/L	75.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	4254	METALAXYL, TOTAL, WATER UG/L	1.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	4255	BICARBONATE ALKALINITY(CAC03),DISSOLVED,WATER MG/L	4.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	4256	CARBONATE ALKALINITY(CACO3),DISSOLVED,WATER MG/L	1.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	4257	ALDICARB SULFONE, TOTAL, WATER UG/L	0.50
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	4258	HYDROXYCARBOFURAN, 3-, TOTAL, WATER UG/L	1.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	4260	ALDICARB SULFOXIDE, TOTAL, WATER UG/L	0.50
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	1.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	1.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	32104	BROMOFORM,WHOLE WATER,UG/L	1.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	1.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	32106	CHLOROFORM,WHOLE WATER,UG/L	1.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34200	ACENAPHTHYLENE TOTWUG/L	10.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34205	ACENAPHTHENE TOTWUG/L	10.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34220	ANTHRACENE TOTWUG/L	10.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	10.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	10.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34247	BENZO-A-PYRENE TOTWUG/L	10.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	0.01
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	10.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	20.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	20.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	10.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34301	CHLOROBENZENE TOTWUG/L	1.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34311	CHLOROETHANE TOTWUG/L	1.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34320	CHRYSENE TOTWUG/L	10.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34336	DIETHYL PHTHALATE TOTWUG/L	10.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34341	DIMETHYL PHTHALATE TOTWUG/L	10.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	10.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34351	ENDOSULFAN SULFATE TOTWUG/L	0.10
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34356	ENDOSULFAN, BETA TOTWUG/L	0.05
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34361	ENDOSULFAN, ALPHA TOTWUG/L	0.02
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34371	ETHYLBENZENE TOTWUG/L	1.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34376	FLUORANTHENE TOTWUG/L	10.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34381	FLUORENE TOTWUG/L	10.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	10.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34391	HEXACHLOROBUTADIENE TOTWUG/L	10.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34396	HEXACHLOROETHANE TOTWUG/L	60.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	10.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34408	ISOPHORONE TOTWUG/L	10.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34413	METHYL BROMIDE TOTWUG/L	5.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34418	METHYL CHLORIDE TOTWUG/L	1.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34423	METHYLENE CHLORIDE TOTWUG/L	1.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	10.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	160.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34447	NITROBENZENE TOTWUG/L	10.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34461	PHENANTHRENE TOTWUG/L	10.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34469	PYRENE TOTWUG/L	10.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34475	TETRACHLOROETHYLENE TOTWUG/L	1.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34496	1,1-DICHLOROETHANE TOTWUG/L	1.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34501	1,1-DICHLOROETHYLENE TOTWUG/L	1.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	1.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	1.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	1.00

21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	20.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	10.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34531	1,2-DICHLOROETHANE TOTWUG/L	1.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34536	1,2-DICHLOROBENZENE TOTWUG/L	1.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34541	1,2-DICHLOROPROPANE TOTWUG/L	1.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	1.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	10.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	25.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34561	1,3-DICHLOROPROPENE TOTWUG/L	1.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34566	1,3-DICHLOROBENZENE TOTWUG/L	1.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34571	1,4-DICHLOROBENZENE TOTWUG/L	1.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	1.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34581	2-CHLORONAPHTHALENE TOTWUG/L	10.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34586	2-CHLOROPHENOL TOTWUG/L	20.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34591	2-NITROPHENOL TOTWUG/L	30.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	10.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34601	2,4-DICHLOROPHENOL TOTWUG/L	20.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34606	2,4-DIMETHYLPHENOL TOTWUG/L	20.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34611	2,4-DINITROTOLUENE TOTWUG/L	10.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34616	2,4-DINITROPHENOL TOTWUG/L	30.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	20.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34626	2,6-DINITROTOLUENE TOTWUG/L	10.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	10.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	10.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	10.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34646	4-NITROPHENOL TOTWUG/L	50.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	30.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34671	PCB - 1016 TOTWUG/L	0.50
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	20.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	34696	NAPHTHALENE TOTWUG/L	10.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	38537	PROPOXUR WATER, TOTUG/L	1.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	38745	2,4-DB WATER, TOTUG/L	1.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	38760	DBCP WATER, TOTUG/L	0.02
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	38815	HEXAZINONE WATER, TOTUG/L	0.50
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	38855	NALED WATER, TOTUG/L	0.10
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	38865	OXAMYL WATER, TOTUG/L	1.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	38892	TRIADIMEFON WATER, TOTUG/L	1.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	38927	METHAMIDOPHOS(MONITOR) WHOLE WATER SAMPLE UG/L	2.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	38929	FENAMIPHOS(NEMACUR) WHOLE WATER SAMPLE UG/L	0.50
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	39002	BENEFIN,ELECTRONCAPTURE, WATER SAMPLE (UG/L)	0.01
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	30.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	39033	ATRAZINE IN WHOLE WATER SAMPLE UG/L	0.10
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	39051	METHOMYL IN WHOLE WATER (UG/L)	1.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	39053	ALDICARB IN WHOLE WATER (UG/L)	0.50
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	39055	SIMAZINE IN WHOLE WATER (UG/L)	0.20
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	39057	PROMETRYNE IN WHOLE WATER (UG/L)	1.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	10.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	10.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	10.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	1.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	1.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	0.01
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	0.02
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	0.02
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	0.01
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	0.01
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	0.01
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	0.10

21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	0.02
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	0.05
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	39460	CHLOROBENZILATE IN WHOLE WATER SAMPLE (UG/L)	0.20
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	0.50
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	0.50
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	0.50
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	0.50
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	0.50
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	0.50
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	0.05
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	39610	PHOSDRIN IN WHOLE WATER SAMPLE (UG/L)	0.01
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	39650	DIURON IN WHOLE WATER SAMPLE (UG/L)	1.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	20.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	39720	PICLORAM IN WHOLE WATER SAMPLE (UG/L)	0.02
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	0.10
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	39780	DICOFOL IN WHOLE WATER SAMPLE (UG/L)	0.02
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	45638	DICHLOROPROPANE, 1,1,1- , WATER, WHOLE UG/L	0.50
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	46491	METHYL TERTIARY BUTYL ETHER(MTBE),TOTAL,WATER UG/L	1.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	19.40
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	72.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	70314	DACONIL(C8CL4N2) IN WATER UG/L	0.20
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	71890	MERCURY, DISSOLVED (UG/L AS HG)	0.10
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	77128	STYRENE WHOLE WATER,UG/L	1.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	77548	CHLOROPICRIN WHOLE WATER,UG/L	0.01
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	1.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	77700	CARBARYL WHOLE WATER,UG/L	1.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	77825	ALACHLOR WHOLE WATER,UG/L	1.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	77969	CHLOROPYRIFOS IN WATER UG/L	0.01
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	77970	CHLOROTOLUENE IN WATER UG/L	1.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	78064	NORFLURAZON IN WATER UG/L	1.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	1.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	2.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	78917	ISOPHENPHOS, WHOLE WATER UG/L	0.20
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	79190	PENDIMETHALIN, WATER, WHOLE UG/L	2.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	79191	PERMETHRIN IN WHOLE WATER UG/L	1.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	81284	TRIFLURALIN(C13H16F3N3O4) WHOLE WATER SAMPLE UG/L	0.01
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	81405	CARBOFURAN (EURADAN) WHOLE WATER SAMPLE UG/L	1.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	81408	METRIBUZIN (SENCOR), WATER, WHOLE UG/L	0.50
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	81551	XYLENE WHL WATER SMPL UG/L	1.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	81686	CIS-1,2-DICHLOROETHENE IN WHOLE WATER SAMPLE MG/L	1.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	81758	ETHOPROP IN THE WHOLE WATER SAMPLE UG/L	0.01
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	81888	DISULFOTON IN WHOLE WATER SAMPLE UG/L	0.05
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	82052	BANVEL (DICAMBA) WHOLE WATER,UG/L	5.00
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	82088	TERBUFOS (COUNTER) TOTAL WHOLE WATER,UG/L	0.50
21FLGW	280323082303901	28.056389	82.510833	G	14223224	6-Mar-90	1215	82198	BROMACIL (HYVAR) IN WATER UG/L	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223204	1-Jun-84	1200	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	42.75
21FLGW	280315082293001	28.054444	82.489167	G	14223204	1-Jun-84	1200	72008	DEPTH, TOTAL OF WELL (FT BELOW LAND SURFACE DATUM)	20.00
21FLGW	280315082293001	28.054444	82.489167	G	14223204	1-Jun-84	1200	73665	BOTTOM OF CASING SEGMENT BELOW LSD FEET	10.00
21FLGW	280315082293001	28.054444	82.489167	G	14223204	1-Jun-84	1200	73667	DIAMETER OF OPEN SECTION(PIPE,SCREEN OR HOLE) INCH	4.00
21FLGW	280315082293001	28.054444	82.489167	G	14223204	1-Jun-84	1200	82509	SCREENED INTERVAL (FEET)	10.00
21FLGW	280315082293001	28.054444	82.489167	G	14223204	1-Jun-84	1200	82513	CASING DIAMETER (INCHES)	4.00
21FLGW	280315082293001	28.054444	82.489167	G	14223204	1-Jun-84	1200	82514	MEASURING POINT ELEVATION (FEET)	45.53
21FLGW	280315082293001	28.054444	82.489167	G	14223204	1-Jun-84	1200	84055	AVAILABLE LOGS ALPHA-NUMERIC CODE	D
21FLGW	280315082293001	28.054444	82.489167	G	14223204	1-Jun-84	1200	84061	WELL USE ALPHA-NUMERIC CODE	MONWQ
21FLGW	280315082293001	28.054444	82.489167	G	14223204	1-Jun-84	1200	84063	DRILLING METHOD ALPHA-NUMERIC CODE	HYDRT
21FLGW	280315082293001	28.054444	82.489167	G	14223204	1-Jun-84	1200	84113	WELL INTAKE FINISH CODE	UNKSC
21FLGW	280315082293001	28.054444	82.489167	G	14223204	1-Jun-84	1200	84114	WELL CASING MATERIAL CODE	X
21FLGW	280315082293001	28.054444	82.489167	G	14223204	1-Jun-84	1200	84115	TYPE OF MATERIAL FROM WHICH OPENING IS MADE CODE	PVC

21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	10	TEMPERATURE, WATER (DEGREES CENTIGRADE)	23.50
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	94	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	160.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	406	PH, FIELD, STANDARD UNITS SU	5.25
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	0.35
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	612	AMMONIA, UNIONZED (MG/L AS N)	0.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	619	AMMONIA, UNIONIZED (CALC FR TEMP-PH-NH4) (MG/L)	0.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	0.05
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	0.05
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	680	CARBON, TOTAL ORGANIC (MG/L AS C)	4.50
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	723	CYANIDE, DISSOLVED STD METHOD (UG/L)	0.01
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	915	CALCIUM, DISSOLVED (MG/L AS CA)	3.60
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	925	MAGNESIUM, DISSOLVED (MG/L AS MG)	0.40
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	930	SODIUM, DISSOLVED (MG/L AS NA)	28.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	935	POTASSIUM, DISSOLVED (MG/L AS K)	1.50
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	941	CHLORIDE, DISSOLVED IN WATER MG/L	41.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	946	SULFATE, DISSOLVED (MG/L AS SO4)	5.90
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	950	FLUORIDE, DISSOLVED (MG/L AS F)	0.20
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	1000	ARSENIC, DISSOLVED (UG/L AS AS)	5.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	1005	BARIUM, DISSOLVED (UG/L AS BA)	10.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	1025	CADMIUM, DISSOLVED (UG/L AS CD)	0.10
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	1030	CHROMIUM, DISSOLVED (UG/L AS CR)	10.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	1040	COPPER, DISSOLVED (UG/L AS CU)	5.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	1046	IRON, DISSOLVED (UG/L AS FE)	119.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	1049	LEAD, DISSOLVED (UG/L AS PB)	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	1056	MANGANESE, DISSOLVED (UG/L AS MN)	3.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	1065	NICKEL, DISSOLVED (UG/L AS NI)	5.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	1075	SILVER, DISSOLVED (UG/L AS AG)	0.10
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	1080	STRONTIUM, DISSOLVED (UG/L AS SR)	53.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	1090	ZINC, DISSOLVED (UG/L AS ZN)	4.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	1145	SELENIUM, DISSOLVED (UG/L AS SE)	3.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	4253	METHYLISOTHIOCYANATE, TOTAL, WATER UG/L	75.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	4254	METALAXYL, TOTAL, WATER UG/L	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	4255	BICARBONATE ALKALINITY(CAC03),DISSOLVED,WATER MG/L	6.10
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	4256	CARBONATE ALKALINITY(CACO3),DISSOLVED,WATER MG/L	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	4257	ALDICARB SULFONE, TOTAL, WATER UG/L	0.50
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	4258	HYDROXYCARBOFURAN, 3-, TOTAL, WATER UG/L	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	4260	ALDICARB SULFOXIDE, TOTAL, WATER UG/L	0.50
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	32104	BROMOFORM,WHOLE WATER,UG/L	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	32106	CHLOROFORM,WHOLE WATER,UG/L	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34200	ACENAPHTHYLENE TOTWUG/L	10.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34205	ACENAPHTHENE TOTWUG/L	10.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34220	ANTHRACENE TOTWUG/L	10.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	10.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	10.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34247	BENZO-A-PYRENE TOTWUG/L	10.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	0.01
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	10.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	20.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	20.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	10.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34301	CHLOROBENZENE TOTWUG/L	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34311	CHLOROETHANE TOTWUG/L	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34320	CHRYSENE TOTWUG/L	10.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34336	DIETHYL PHTHALATE TOTWUG/L	10.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34341	DIMETHYL PHTHALATE TOTWUG/L	10.00

21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34346	1,2-DIPHENYLHYDRAZINE	TOTWUG/L	10.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34351	ENDOSULFAN SULFATE	TOTWUG/L	0.10
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34356	ENDOSULFAN, BETA	TOTWUG/L	0.05
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34361	ENDOSULFAN, ALPHA	TOTWUG/L	0.02
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34371	ETHYLBENZENE	TOTWUG/L	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34376	FLUORANTHENE	TOTWUG/L	10.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34381	FLUORENE	TOTWUG/L	10.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34386	HEXACHLOROCYCLOPENTADIENE	TOTWUG/L	10.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34391	HEXACHLOROBUTADIENE	TOTWUG/L	10.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34396	HEXACHLOROETHANE	TOTWUG/L	60.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34403	INDENO (1,2,3-CD) PYRENE	TOTWUG/L	10.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34408	ISOPHORONE	TOTWUG/L	10.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34413	METHYL BROMIDE	TOTWUG/L	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34418	METHYL CHLORIDE	TOTWUG/L	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34423	METHYLENE CHLORIDE	TOTWUG/L	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34428	N-NITROSODI-N-PROPYLAMINE	TOTWUG/L	10.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34433	N-NITROSODIPHENYLAMINE	TOTWUG/L	160.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34447	NITROBENZENE	TOTWUG/L	10.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34461	PHENANTHRENE	TOTWUG/L	10.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34469	PYRENE	TOTWUG/L	10.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34475	TETRACHLOROETHYLENE	TOTWUG/L	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34496	1,1-DICHLOROETHANE	TOTWUG/L	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34501	1,1-DICHLOROETHYLENE	TOTWUG/L	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34506	1,1,1-TRICHLOROETHANE	TOTWUG/L	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34511	1,1,2-TRICHLOROETHANE	TOTWUG/L	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34516	1,1,2,2-TETRACHLOROETHANE	TOTWUG/L	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE	TOTWUG/L	20.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE	TOTWUG/L	10.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34531	1,2-DICHLOROETHANE	TOTWUG/L	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34536	1,2-DICHLOROBENZENE	TOTWUG/L	10.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34541	1,2-DICHLOROPROPANE	TOTWUG/L	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER	UG/L	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34551	1,2,4-TRICHLOROBENZENE	TOTWUG/L	10.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34556	1,2,5,6-DIBENZANTHRACENE	TOTWUG/L	25.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34561	1,3-DICHLOROPROPENE	TOTWUG/L	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34566	1,3-DICHLOROBENZENE	TOTWUG/L	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34571	1,4-DICHLOROBENZENE	TOTWUG/L	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34576	2-CHLOROETHYL VINYL ETHER	TOTWUG/L	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34581	2-CHLORONAPHTHALENE	TOTWUG/L	10.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34586	2-CHLOROPHENOL	TOTWUG/L	20.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34591	2-NITROPHENOL	TOTWUG/L	30.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34596	DI-N-OCTYL PHTHALATE	TOTWUG/L	10.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34601	2,4-DICHLOROPHENOL	TOTWUG/L	20.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34606	2,4-DIMETHYLPHENOL	TOTWUG/L	20.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34611	2,4-DINITROTOLUENE	TOTWUG/L	10.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34616	2,4-DINITROPHENOL	TOTWUG/L	30.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34621	2,4,6-TRICHLOROPHENOL	TOTWUG/L	20.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34626	2,6-DINITROTOLUENE	TOTWUG/L	10.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34631	3,3'-DICHLOROBENZIDINE	TOTWUG/L	10.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34636	4-BROMOPHENYL PHENYL ETHER	TOTWUG/L	10.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34641	4-CHLOROPHENYL PHENYL ETHER	TOTWUG/L	10.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34646	4-NITROPHENOL	TOTWUG/L	50.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL)	TOTWUG/L	30.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34671	PCB - 1016	TOTWUG/L	0.50
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34694	PHENOL(C6H5OH)-SINGLE COMPOUND	TOTWUG/L	20.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	34696	NAPHTHALENE	TOTWUG/L	10.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	38537	PROPOXUR	WATER, TOTUG/L	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	38745	2,4-DB	WATER, TOTUG/L	1.00

21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	38760	DBCP WATER, TOTUG/L	0.02
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	38815	HEXAZINONE WATER, TOTUG/L	0.50
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	38855	NALED WATER, TOTUG/L	0.10
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	38865	OXAMYL WATER, TOTUG/L	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	38892	TRIADIMEFON WATER, TOTUG/L	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	38927	METHAMIDOPHOS(MONITOR) WHOLE WATER SAMPLE UG/L	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	38929	FENAMIPHOS(NEMACUR) WHOLE WATER SAMPLE UG/L	0.50
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	39002	BENEFIN,ELECTRONCAPTURE, WATER SAMPLE (UG/L)	0.01
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	30.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	39033	ATRAZINE IN WHOLE WATER SAMPLE UG/L	0.10
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	39051	METHOMYL IN WHOLE WATER (UG/L)	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	39053	ALDICARB IN WHOLE WATER (UG/L)	0.50
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	39055	SIMAZINE IN WHOLE WATER (UG/L)	0.20
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	39057	PROMETRYNE IN WHOLE WATER (UG/L)	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	10.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	10.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	10.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	0.05
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	0.02
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	0.02
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	0.01
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	0.01
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	0.01
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	0.10
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	0.02
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	0.05
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	39460	CHLOROBENZILATE IN WHOLE WATER SAMPLE (UG/L)	0.20
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	0.50
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	0.50
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	0.50
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	0.50
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	0.50
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	0.50
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	0.05
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	39610	PHOSDRIN IN WHOLE WATER SAMPLE (UG/L)	0.01
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	39650	DIURON IN WHOLE WATER SAMPLE (UG/L)	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	20.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	39720	PICLORAM IN WHOLE WATER SAMPLE (UG/L)	0.02
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	0.10
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	39780	DICOFOL IN WHOLE WATER SAMPLE (UG/L)	0.02
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	45638	DICHLOROPROPANE, 1,1,1- , WATER, WHOLE UG/L	0.50
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	46491	METHYL TERTIARY BUTYL ETHER(MTBE),TOTAL,WATER UG/L	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	10.64
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	98.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	70314	DACONIL(C8CL4N2) IN WATER UG/L	0.20
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	71890	MERCURY, DISSOLVED (UG/L AS HG)	0.20
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	72109	DEPTH TO WATER LEVEL FROM A MEASURING POINT (FEET)	6.95
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	73675	VOL OF H20 EVACUATED FRM WELL PRIORTO SAMPLEGALLON	40.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	77128	STYRENE WHOLE WATER,UG/L	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	77548	CHLOROPICRIN WHOLE WATER,UG/L	0.01
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	0.02
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	77700	CARBARYL WHOLE WATER,UG/L	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	77825	ALACHLOR WHOLE WATER,UG/L	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	77969	CHLOROPYRIFOS IN WATER UG/L	0.01
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	77970	CHLOROTOLUENE IN WATER UG/L	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	78064	NORFLURAZON IN WATER UG/L	1.00

21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	78917	ISOPHENPHOS, WHOLE WATER UG/L	0.20
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	79190	PENDIMETHALIN, WATER, WHOLE UG/L	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	79191	PERMETHRIN IN WHOLE WATER UG/L	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	81284	TRIFLURALIN(C13H16F3N3O4) WHOLE WATER SAMPLE UG/L	0.01
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	81405	CARBOFURAN (EURADAN) WHOLE WATER SAMPLE UG/L	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	81408	METRIBUZIN (SENCOR), WATER, WHOLE UG/L	0.50
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	81551	XYLENE WHL WATER SMPL UG/L	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	81686	CIS-1,2-DICHLOROETHENE IN WHOLE WATER SAMPLE MG/L	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	81758	ETHOPROP IN THE WHOLE WATER SAMPLE UG/L	0.01
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	81888	DISULFOTON IN WHOLE WATER SAMPLE UG/L	0.05
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	82052	BANVEL (DICAMBA) WHOLE WATER,UG/L	5.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	82088	TERBUFOS (COUNTER) TOTAL WHOLE WATER,UG/L	0.50
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	82198	BROMACIL (HYVAR) IN WATER UG/L	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223205	28-Feb-90	1645	82514	MEASURING POINT ELEVATION (FEET)	45.53
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	10	TEMPERATURE, WATER (DEGREES CENTIGRADE)	24.50
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	76	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	0.63
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	94	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	155.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	406	PH, FIELD, STANDARD UNITS SU	4.99
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	0.40
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	612	AMMONIA, UNIONZED (MG/L AS N)	0.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	619	AMMONIA, UNIONIZED (CALC FR TEMP-PH-NH4) (MG/L)	0.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	0.05
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	0.02
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	680	CARBON, TOTAL ORGANIC (MG/L AS C)	5.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	915	CALCIUM, DISSOLVED (MG/L AS CA)	2.80
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	925	MAGNESIUM, DISSOLVED (MG/L AS MG)	0.40
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	930	SODIUM, DISSOLVED (MG/L AS NA)	27.80
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	935	POTASSIUM, DISSOLVED (MG/L AS K)	1.40
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	941	CHLORIDE, DISSOLVED IN WATER MG/L	36.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	946	SULFATE, DISSOLVED (MG/L AS SO4)	8.70
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	950	FLUORIDE, DISSOLVED (MG/L AS F)	0.08
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	955	SILICA, DISSOLVED (MG/L AS SI02)	1.70
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	1000	ARSENIC, DISSOLVED (UG/L AS AS)	20.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	1005	BARIUM, DISSOLVED (UG/L AS BA)	7.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	1025	CADMIUM, DISSOLVED (UG/L AS CD)	0.10
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	1030	CHROMIUM, DISSOLVED (UG/L AS CR)	10.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	1040	COPPER, DISSOLVED (UG/L AS CU)	5.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	1046	IRON, DISSOLVED (UG/L AS FE)	62.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	1049	LEAD, DISSOLVED (UG/L AS PB)	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	1056	MANGANESE, DISSOLVED (UG/L AS MN)	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	1065	NICKEL, DISSOLVED (UG/L AS NI)	5.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	1075	SILVER, DISSOLVED (UG/L AS AG)	3.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	1080	STRONTIUM, DISSOLVED (UG/L AS SR)	34.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	1090	ZINC, DISSOLVED (UG/L AS ZN)	5.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	1145	SELENIUM, DISSOLVED (UG/L AS SE)	3.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	4254	METALAXYL, TOTAL, WATER UG/L	0.50
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	4255	BICARBONATE ALKALINITY(CAC03),DISSOLVED,WATER MG/L	7.80
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	4257	ALDICARB SULFONE, TOTAL, WATER UG/L	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	4258	HYDROXYCARBOFURAN, 3-, TOTAL, WATER UG/L	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	4260	ALDICARB SULFOXIDE, TOTAL, WATER UG/L	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	0.50
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	0.50
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	32104	BROMOFORM,WHOLE WATER,UG/L	0.50
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	0.50
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	32106	CHLOROFORM,WHOLE WATER,UG/L	0.50
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34200	ACENAPHTHYLENE TOTWUG/L	2.00

21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34205	ACENAPHTHENE TOTWUG/L	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34220	ANTHRACENE TOTWUG/L	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34247	BENZO-A-PYRENE TOTWUG/L	4.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	0.01
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34301	CHLOROBENZENE TOTWUG/L	0.50
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34311	CHLOROETHANE TOTWUG/L	0.50
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34336	DIETHYL PHTHALATE TOTWUG/L	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34341	DIMETHYL PHTHALATE TOTWUG/L	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34351	ENDOSULFAN SULFATE TOTWUG/L	8.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34356	ENDOSULFAN, BETA TOTWUG/L	0.01
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34361	ENDOSULFAN, ALPHA TOTWUG/L	0.01
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34366	ENDRIN ALDEHYDE TOTWUG/L	8.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34371	ETHYLBENZENE TOTWUG/L	0.50
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34376	FLUORANTHENE TOTWUG/L	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34391	HEXACHLOROBUTADIENE TOTWUG/L	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34396	HEXACHLOROETHANE TOTWUG/L	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	5.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34408	ISOPHORONE TOTWUG/L	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34418	METHYL CHLORIDE TOTWUG/L	0.50
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34423	METHYLENE CHLORIDE TOTWUG/L	0.50
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34447	NITROBENZENE TOTWUG/L	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34452	PARACHLOROMETA CRESOL TOTWUG/L	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34461	PHENANTHRENE TOTWUG/L	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34475	TETRACHLOROETHYLENE TOTWUG/L	0.50
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34496	1,1-DICHLOROETHANE TOTWUG/L	0.50
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34501	1,1-DICHLOROETHYLENE TOTWUG/L	0.50
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	0.50
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	0.50
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	0.50
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	5.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	5.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34531	1,2-DICHLOROETHANE TOTWUG/L	0.50
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34536	1,2-DICHLOROBENZENE TOTWUG/L	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34541	1,2-DICHLOROPROPANE TOTWUG/L	0.50
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	0.50
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34561	1,3-DICHLOROPROPENE TOTWUG/L	0.50
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34566	1,3-DICHLOROBENZENE TOTWUG/L	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34571	1,4-DICHLOROBENZENE TOTWUG/L	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	0.50
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34581	2-CHLORONAPHTHALENE TOTWUG/L	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34586	2-CHLOROPHENOL TOTWUG/L	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34591	2-NITROPHENOL TOTWUG/L	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34601	2,4-DICHLOROPHENOL TOTWUG/L	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34606	2,4-DIMETHYLPHENOL TOTWUG/L	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34611	2,4-DINITROTOLUENE TOTWUG/L	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34616	2,4-DINITROPHENOL TOTWUG/L	15.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34626	2,6-DINITROTOLUENE TOTWUG/L	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	5.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	2.00

21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34646	4-NITROPHENOL TOTWUG/L	15.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	15.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34671	PCB - 1016 TOTWUG/L	1000.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	34696	NAPHTHALENE TOTWUG/L	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	38537	PROPOXUR WATER, TOTUG/L	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	38745	2,4-DB WATER, TOTUG/L	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	38760	DBCP WATER, TOTUG/L	0.02
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	38815	HEXAZINONE WATER, TOTUG/L	0.10
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	38855	NALED WATER, TOTUG/L	0.20
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	38892	TRIADIMEFON WATER, TOTUG/L	0.20
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	38929	FENAMIPHOS(NEMACUR) WHOLE WATER SAMPLE UG/L	0.04
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	39033	ATRAZINE IN WHOLE WATER SAMPLE UG/L	0.03
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	39051	METHOMYL IN WHOLE WATER (UG/L)	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	39053	ALDICARB IN WHOLE WATER (UG/L)	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	39055	SIMAZINE IN WHOLE WATER (UG/L)	0.03
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	39057	PROMETRYNE IN WHOLE WATER (UG/L)	0.04
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	0.50
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	0.50
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	0.01
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	8.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	8.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	8.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	8.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	0.01
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	8.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	0.20
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	8.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	0.02
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	0.50
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	8.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	8.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	39460	CHLOROBENZILATE IN WHOLE WATER SAMPLE (UG/L)	0.06
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	1000.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	1000.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	1000.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	1000.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	1000.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	1000.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	0.03
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	39610	PHOSDRIN IN WHOLE WATER SAMPLE (UG/L)	0.20
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	39650	DIURON IN WHOLE WATER SAMPLE (UG/L)	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	39720	PICLORAM IN WHOLE WATER SAMPLE (UG/L)	0.02
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	0.10
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	8.64
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	72109	DEPTH TO WATER LEVEL FROM A MEASURING POINT (FEET)	8.71
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	73675	VOL OF H20 EVACUATED FRM WELL PRIORTO SAMPLEGALLON	35.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	77548	CHLOROPICRIN WHOLE WATER,UG/L	0.02
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	0.02
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	77700	CARBARYL WHOLE WATER,UG/L	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	77825	ALACHLOR WHOLE WATER,UG/L	0.20
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	77969	CHLOROPYRIFOS IN WATER UG/L	0.01
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	78064	NORFLURAZON IN WATER UG/L	0.20
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	0.50
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	0.50

21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	78917	ISOPHENPHOS, WHOLE WATER UG/L	0.04
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	81405	CARBOFURAN (EURADAN) WHOLE WATER SAMPLE UG/L	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	81408	METRIBUZIN (SENCOR), WATER, WHOLE UG/L	0.05
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	81551	XYLENE WHL WATER SMPL UG/L	0.50
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	81758	ETHOPROP IN THE WHOLE WATER SAMPLE UG/L	0.02
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	81888	DISULFOTON IN WHOLE WATER SAMPLE UG/L	0.05
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	82052	BANVEL (DICAMBA) WHOLE WATER,UG/L	5.00
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	82088	TERBUFOS (COUNTER) TOTAL WHOLE WATER,UG/L	0.10
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	82198	BROMACIL (HYVAR) IN WATER UG/L	0.20
21FLGW	280315082293001	28.054444	82.489167	G	14223206	6-Feb-91	1420	82514	MEASURING POINT ELEVATION (FEET)	45.53
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	10	TEMPERATURE, WATER (DEGREES CENTIGRADE)	24.00
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	76	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	1.20
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	90	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	-27.10
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	94	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	227.00
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	95	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	230.00
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	299	OXYGEN ,DISSOLVED, ANALYSIS BY PROBE MG/L	0.18
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	2.12
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	406	PH, FIELD, STANDARD UNITS SU	5.30
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	0.15
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	612	AMMONIA, UNIONZED (MG/L AS N)	0.00
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	619	AMMONIA, UNIONIZED (CALC FR TEMP-PH-NH4) (MG/L)	0.00
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	0.37
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	0.02
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	666	PHOSPHORUS, DISSOLVED (MG/L AS P)	0.01
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	0.01
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	680	CARBON, TOTAL ORGANIC (MG/L AS C)	3.00
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	3.20
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	745	SULFIDE, TOTAL (MG/L AS S)	0.26
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	915	CALCIUM, DISSOLVED (MG/L AS CA)	7.52
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1.03
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	930	SODIUM, DISSOLVED (MG/L AS NA)	34.10
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	935	POTASSIUM, DISSOLVED (MG/L AS K)	3.05
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	941	CHLORIDE, DISSOLVED IN WATER MG/L	48.00
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	946	SULFATE, DISSOLVED (MG/L AS SO4)	27.00
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	950	FLUORIDE, DISSOLVED (MG/L AS F)	0.10
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	955	SILICA, DISSOLVED (MG/L AS SI02)	1.20
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	1002	ARSENIC, TOTAL (UG/L AS AS)	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	1005	BARIUM, DISSOLVED (UG/L AS BA)	11.00
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	1007	BARIUM, TOTAL (UG/L AS BA)	10.90
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	1010	BERYLLIUM, DISSOLVED (UG/L AS BE)	0.30
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	1012	BERYLLIUM, TOTAL (UG/L AS BE)	0.50
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	1025	CADMIUM, DISSOLVED (UG/L AS CD)	0.10
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	1027	CADMIUM, TOTAL (UG/L AS CD)	0.20
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	1034	CHROMIUM, TOTAL (UG/L AS CR)	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	1040	COPPER, DISSOLVED (UG/L AS CU)	0.80
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	1042	COPPER, TOTAL (UG/L AS CU)	1.90
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	1045	IRON, TOTAL (UG/L AS FE)	225.00
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	1046	IRON, DISSOLVED (UG/L AS FE)	39.00
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	1049	LEAD, DISSOLVED (UG/L AS PB)	0.57
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	1051	LEAD, TOTAL (UG/L AS PB)	1.18
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	1055	MANGANESE, TOTAL (UG/L AS MN)	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	1056	MANGANESE, DISSOLVED (UG/L AS MN)	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	1059	THALLIUM, TOTAL (UG/L AS TL)	0.02
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	1065	NICKEL, DISSOLVED (UG/L AS NI)	3.00
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	1067	NICKEL, TOTAL (UG/L AS NI)	4.00
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	1077	SILVER, TOTAL (UG/L AS AG)	0.04
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	1080	STRONTIUM, DISSOLVED (UG/L AS SR)	27.00
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	1082	STRONTIUM, TOTAL (UG/L AS SR)	27.00

21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	1085	VANADIUM, DISSOLVED (UG/L AS V)	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	1087	VANADIUM, TOTAL (UG/L AS V)	2.00
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	1090	ZINC, DISSOLVED (UG/L AS ZN)	13.00
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	1092	ZINC, TOTAL (UG/L AS ZN)	13.00
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	1097	ANTIMONY, TOTAL (UG/L AS SB)	0.20
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	1105	ALUMINUM, TOTAL (UG/L AS AL)	132.00
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	1106	ALUMINUM, DISSOLVED (UG/L AS AL)	57.00
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	1147	SELENIUM, TOTAL (UG/L AS SE)	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	29801	ALKALINITY,WATR,DISS.,FIX END PT,LAB,AS CACO3,MG/L	1.00
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	23.02
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	71900	MERCURY, TOTAL (UG/L AS HG)	0.10
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	72109	DEPTH TO WATER LEVEL FROM A MEASURING POINT (FEET)	7.50
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	73675	VOL OF H20 EVACUATED FRM WELL PRIORTO SAMPLEGALLON	28.00
21FLGW	280315082293001	28.054444	82.489167	G	14223207	12-Jun-96	1000	82514	MEASURING POINT ELEVATION (FEET)	45.53
21FLGW	280235082313501	28.045	82.529444	G	14223164	1-Jun-84	1200	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	38.87
21FLGW	280235082313501	28.045	82.529444	G	14223164	1-Jun-84	1200	72008	DEPTH, TOTAL OF WELL (FT BELOW LAND SURFACE DATUM)	22.00
21FLGW	280235082313501	28.045	82.529444	G	14223164	1-Jun-84	1200	73665	BOTTOM OF CASING SEGMENT BELOW LSD FEET	12.00
21FLGW	280235082313501	28.045	82.529444	G	14223164	1-Jun-84	1200	73667	DIAMETER OF OPEN SECTION(PIPE,SCREEN OR HOLE) INCH	4.00
21FLGW	280235082313501	28.045	82.529444	G	14223164	1-Jun-84	1200	82509	SCREENED INTERVAL (FEET)	10.00
21FLGW	280235082313501	28.045	82.529444	G	14223164	1-Jun-84	1200	82513	CASING DIAMETER (INCHES)	4.00
21FLGW	280235082313501	28.045	82.529444	G	14223164	1-Jun-84	1200	82514	MEASURING POINT ELEVATION (FEET)	41.29
21FLGW	280235082313501	28.045	82.529444	G	14223164	1-Jun-84	1200	84055	AVAILABLE LOGS ALPHA-NUMERIC CODE	D
21FLGW	280235082313501	28.045	82.529444	G	14223164	1-Jun-84	1200	84061	WELL USE ALPHA-NUMERIC CODE	MONWQ
21FLGW	280235082313501	28.045	82.529444	G	14223164	1-Jun-84	1200	84063	DRILLING METHOD ALPHA-NUMERIC CODE	HYDRT
21FLGW	280235082313501	28.045	82.529444	G	14223164	1-Jun-84	1200	84113	WELL INTAKE FINISH CODE	UNKSC
21FLGW	280235082313501	28.045	82.529444	G	14223164	1-Jun-84	1200	84114	WELL CASING MATERIAL CODE	X
21FLGW	280235082313501	28.045	82.529444	G	14223164	1-Jun-84	1200	84115	TYPE OF MATERIAL FROM WHICH OPENING IS MADE CODE	PVC
21FLGW	280235082313501	28.045	82.529444	G	14223165	3-Feb-90	1045	10	TEMPERATURE, WATER (DEGREES CENTIGRADE)	22.00
21FLGW	280235082313501	28.045	82.529444	G	14223165	3-Feb-90	1045	94	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	130.00
21FLGW	280235082313501	28.045	82.529444	G	14223165	3-Feb-90	1045	406	PH, FIELD, STANDARD UNITS SU	4.85
21FLGW	280235082313501	28.045	82.529444	G	14223165	3-Feb-90	1045	72109	DEPTH TO WATER LEVEL FROM A MEASURING POINT (FEET)	6.87
21FLGW	280235082313501	28.045	82.529444	G	14223165	3-Feb-90	1045	73675	VOL OF H20 EVACUATED FRM WELL PRIORTO SAMPLEGALLON	30.00
21FLGW	280235082313501	28.045	82.529444	G	14223165	3-Feb-90	1045	82514	MEASURING POINT ELEVATION (FEET)	41.29
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	0.31
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	0.25
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	0.05
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	680	CARBON, TOTAL ORGANIC (MG/L AS C)	8.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	723	CYANIDE, DISSOLVED STD METHOD (UG/L)	0.01
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	915	CALCIUM, DISSOLVED (MG/L AS CA)	2.80
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	925	MAGNESIUM, DISSOLVED (MG/L AS MG)	4.20
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	930	SODIUM, DISSOLVED (MG/L AS NA)	10.50
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	935	POTASSIUM, DISSOLVED (MG/L AS K)	3.60
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	941	CHLORIDE, DISSOLVED IN WATER MG/L	25.70
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	946	SULFATE, DISSOLVED (MG/L AS SO4)	16.40
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	950	FLUORIDE, DISSOLVED (MG/L AS F)	0.17
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	1000	ARSENIC, DISSOLVED (UG/L AS AS)	3.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	1005	BARIUM, DISSOLVED (UG/L AS BA)	33.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	1025	CADMIUM, DISSOLVED (UG/L AS CD)	0.10
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	1030	CHROMIUM, DISSOLVED (UG/L AS CR)	10.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	1040	COPPER, DISSOLVED (UG/L AS CU)	5.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	1046	IRON, DISSOLVED (UG/L AS FE)	3730.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	1049	LEAD, DISSOLVED (UG/L AS PB)	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	1056	MANGANESE, DISSOLVED (UG/L AS MN)	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	1065	NICKEL, DISSOLVED (UG/L AS NI)	5.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	1075	SILVER, DISSOLVED (UG/L AS AG)	0.30
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	1080	STRONTIUM, DISSOLVED (UG/L AS SR)	38.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	1090	ZINC, DISSOLVED (UG/L AS ZN)	3.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	1145	SELENIUM, DISSOLVED (UG/L AS SE)	3.00

21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	4253	METHYLISOTHIOCYANATE, TOTAL, WATER UG/L	75.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	4254	METALAXYL, TOTAL, WATER UG/L	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	4255	BICARBONATE ALKALINITY(CAC03),DISSOLVED,WATER MG/L	10.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	4256	CARBONATE ALKALINITY(CACO3),DISSOLVED,WATER MG/L	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	4257	ALDICARB SULFONE, TOTAL, WATER UG/L	0.50
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	4258	HYDROXYCARBOFURAN, 3-, TOTAL, WATER UG/L	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	4260	ALDICARB SULFOXIDE, TOTAL, WATER UG/L	0.50
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	32104	BROMOFORM,WHOLE WATER,UG/L	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	32106	CHLOROFORM,WHOLE WATER,UG/L	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34200	ACENAPHTHYLENE TOTWUG/L	10.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34205	ACENAPHTHENE TOTWUG/L	10.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34220	ANTHRACENE TOTWUG/L	10.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	10.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	10.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34247	BENZO-A-PYRENE TOTWUG/L	10.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	0.01
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	10.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	20.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	20.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	10.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34301	CHLOROBENZENE TOTWUG/L	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34311	CHLOROETHANE TOTWUG/L	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34320	CHRYSENE TOTWUG/L	10.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34336	DIETHYL PHTHALATE TOTWUG/L	10.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34341	DIMETHYL PHTHALATE TOTWUG/L	10.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	10.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34351	ENDOSULFAN SULFATE TOTWUG/L	0.10
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34356	ENDOSULFAN, BETA TOTWUG/L	0.05
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34361	ENDOSULFAN, ALPHA TOTWUG/L	0.02
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34371	ETHYLBENZENE TOTWUG/L	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34376	FLUORANTHENE TOTWUG/L	10.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34381	FLUORENE TOTWUG/L	10.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	10.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34391	HEXACHLOROBUTADIENE TOTWUG/L	10.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34396	HEXACHLOROETHANE TOTWUG/L	60.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	10.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34408	ISOPHORONE TOTWUG/L	10.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34413	METHYL BROMIDE TOTWUG/L	5.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34418	METHYL CHLORIDE TOTWUG/L	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34423	METHYLENE CHLORIDE TOTWUG/L	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	10.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	160.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34447	NITROBENZENE TOTWUG/L	10.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34461	PHENANTHRENE TOTWUG/L	10.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34469	PYRENE TOTWUG/L	10.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34475	TETRACHLOROETHYLENE TOTWUG/L	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34496	1,1-DICHLOROETHANE TOTWUG/L	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34501	1,1-DICHLOROETHYLENE TOTWUG/L	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	20.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	10.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34531	1,2-DICHLOROETHANE TOTWUG/L	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34536	1,2-DICHLOROBENZENE TOTWUG/L	10.00

21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34541	1,2-DICHLOROPROPANE TOTWUG/L	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	10.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	25.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34561	1,3-DICHLOROPROPENE TOTWUG/L	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34566	1,3-DICHLOROBENZENE TOTWUG/L	10.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34571	1,4-DICHLOROBENZENE TOTWUG/L	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34581	2-CHLORONAPHTHALENE TOTWUG/L	10.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34586	2-CHLOROPHENOL TOTWUG/L	20.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34591	2-NITROPHENOL TOTWUG/L	30.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	10.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34601	2,4-DICHLOROPHENOL TOTWUG/L	20.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34606	2,4-DIMETHYLPHENOL TOTWUG/L	20.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34611	2,4-DINITROTOLUENE TOTWUG/L	10.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34616	2,4-DINITROPHENOL TOTWUG/L	30.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	20.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34626	2,6-DINITROTOLUENE TOTWUG/L	10.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	10.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	10.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	10.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34646	4-NITROPHENOL TOTWUG/L	50.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	30.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34671	PCB - 1016 TOTWUG/L	0.50
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	20.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	34696	NAPHTHALENE TOTWUG/L	10.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	38537	PROPOXUR WATER, TOTUG/L	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	38745	2,4-DB WATER, TOTUG/L	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	38760	DBCP WATER, TOTUG/L	0.02
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	38815	HEXAZINONE WATER, TOTUG/L	0.50
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	38855	NALED WATER, TOTUG/L	0.10
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	38865	OXAMYL WATER, TOTUG/L	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	38892	TRIADIMEFON WATER, TOTUG/L	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	38927	METHAMIDOPHOS(MONITOR) WHOLE WATER SAMPLE UG/L	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	38929	FENAMIPHOS(NEMACUR) WHOLE WATER SAMPLE UG/L	0.50
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	39002	BENEFIN,ELECTRONCAPTURE, WATER SAMPLE (UG/L)	0.01
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	30.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	39033	ATRAZINE IN WHOLE WATER SAMPLE UG/L	0.10
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	39051	METHOMYL IN WHOLE WATER (UG/L)	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	39053	ALDICARB IN WHOLE WATER (UG/L)	0.50
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	39055	SIMAZINE IN WHOLE WATER (UG/L)	0.20
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	39057	PROMETRYNE IN WHOLE WATER (UG/L)	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	10.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	10.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	10.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	0.01
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	0.02
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	0.02
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	0.01
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	0.01
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	0.01
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	0.10
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	0.02
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	0.05
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	39460	CHLOROBENZILATE IN WHOLE WATER SAMPLE (UG/L)	0.20
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	0.50

21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	0.50
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	0.50
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	0.50
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	0.50
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	0.50
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	0.05
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	39610	PHOSDRIN IN WHOLE WATER SAMPLE (UG/L)	0.01
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	39650	DIURON IN WHOLE WATER SAMPLE (UG/L)	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	20.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	39720	PICLORAM IN WHOLE WATER SAMPLE (UG/L)	0.02
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	0.10
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	39780	DICOFOL IN WHOLE WATER SAMPLE (UG/L)	0.02
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	45638	DICHLOROPROPANE, 1,1,1- , WATER, WHOLE UG/L	0.50
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	46491	METHYL TERTIARY BUTYL ETHER(MTBE),TOTAL,WATER UG/L	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	24.29
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	74.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	70314	DACONIL(C8CL4N2) IN WATER UG/L	0.20
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	71890	MERCURY, DISSOLVED (UG/L AS HG)	0.20
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	77128	STYRENE WHOLE WATER,UG/L	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	77548	CHLOROPICRIN WHOLE WATER,UG/L	0.01
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	0.02
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	77700	CARBARYL WHOLE WATER,UG/L	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	77825	ALACHLOR WHOLE WATER,UG/L	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	77969	CHLOROPYRIFOS IN WATER UG/L	0.01
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	77970	CHLOROTOLUENE IN WATER UG/L	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	78064	NORFLURAZON IN WATER UG/L	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	78917	ISOPHENPHOS, WHOLE WATER UG/L	0.20
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	79190	PENDIMETHALIN, WATER, WHOLE UG/L	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	79191	PERMETHRIN IN WHOLE WATER UG/L	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	81284	TRIFLURALIN(C13H16F3N3O4) WHOLE WATER SAMPLE UG/L	0.01
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	81405	CARBOFURAN (EURADAN) WHOLE WATER SAMPLE UG/L	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	81408	METRIBUZIN (SENCOR), WATER, WHOLE UG/L	0.50
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	81551	XYLENE WHL WATER SMPL UG/L	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	81686	CIS-1,2-DICHLOROETHENE IN WHOLE WATER SAMPLE MG/L	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	81758	ETHOPROP IN THE WHOLE WATER SAMPLE UG/L	0.01
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	81888	DISULFOTON IN WHOLE WATER SAMPLE UG/L	0.05
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	82052	BANVEL (DICAMBA) WHOLE WATER,UG/L	5.00
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	82088	TERBUFOS (COUNTER) TOTAL WHOLE WATER,UG/L	0.50
21FLGW	280235082313501	28.045	82.529444	G	14223166	3-Mar-90	1045	82198	BROMACIL (HYVAR) IN WATER UG/L	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	10	TEMPERATURE, WATER (DEGREES CENTIGRADE)	23.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	76	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	3.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	94	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	200.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	406	PH, FIELD, STANDARD UNITS SU	4.71
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	0.51
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	612	AMMONIA, UNIONZED (MG/L AS N)	0.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	619	AMMONIA, UNIONIZED (CALC FR TEMP-PH-NH4) (MG/L)	0.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	0.05
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	0.03
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	680	CARBON, TOTAL ORGANIC (MG/L AS C)	5.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	915	CALCIUM, DISSOLVED (MG/L AS CA)	4.70
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	925	MAGNESIUM, DISSOLVED (MG/L AS MG)	8.30
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	930	SODIUM, DISSOLVED (MG/L AS NA)	12.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	935	POTASSIUM, DISSOLVED (MG/L AS K)	4.30
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	941	CHLORIDE, DISSOLVED IN WATER MG/L	60.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	946	SULFATE, DISSOLVED (MG/L AS SO4)	18.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	950	FLUORIDE, DISSOLVED (MG/L AS F)	0.12

21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	955	SILICA, DISSOLVED (MG/L AS SI02)	6.70
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	1000	ARSENIC, DISSOLVED (UG/L AS AS)	20.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	1005	BARIUM, DISSOLVED (UG/L AS BA)	58.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	1025	CADMIUM, DISSOLVED (UG/L AS CD)	0.10
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	1030	CHROMIUM, DISSOLVED (UG/L AS CR)	10.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	1040	COPPER, DISSOLVED (UG/L AS CU)	5.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	1046	IRON, DISSOLVED (UG/L AS FE)	7800.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	1049	LEAD, DISSOLVED (UG/L AS PB)	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	1056	MANGANESE, DISSOLVED (UG/L AS MN)	4.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	1065	NICKEL, DISSOLVED (UG/L AS NI)	6.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	1075	SILVER, DISSOLVED (UG/L AS AG)	4.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	1080	STRONTIUM, DISSOLVED (UG/L AS SR)	59.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	1090	ZINC, DISSOLVED (UG/L AS ZN)	5.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	1145	SELENIUM, DISSOLVED (UG/L AS SE)	3.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	4254	METALAXYL, TOTAL, WATER UG/L	0.50
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	4255	BICARBONATE ALKALINITY(CAC03),DISSOLVED,WATER MG/L	5.80
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	4257	ALDICARB SULFONE, TOTAL, WATER UG/L	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	4258	HYDROXYCARBOFURAN, 3-, TOTAL, WATER UG/L	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	4260	ALDICARB SULFOXIDE, TOTAL, WATER UG/L	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	0.50
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	0.50
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	32104	BROMOFORM,WHOLE WATER,UG/L	0.50
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	0.50
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	32106	CHLOROFORM,WHOLE WATER,UG/L	0.50
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34200	ACENAPHTHYLENE TOTWUG/L	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34205	ACENAPHTHENE TOTWUG/L	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34220	ANTHRACENE TOTWUG/L	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34247	BENZO-A-PYRENE TOTWUG/L	4.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	0.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34301	CHLOROBENZENE TOTWUG/L	0.50
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34311	CHLOROETHANE TOTWUG/L	0.50
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34336	DIETHYL PHTHALATE TOTWUG/L	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34341	DIMETHYL PHTHALATE TOTWUG/L	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34351	ENDOSULFAN SULFATE TOTWUG/L	8.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34356	ENDOSULFAN, BETA TOTWUG/L	0.01
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34361	ENDOSULFAN, ALPHA TOTWUG/L	0.01
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34366	ENDRIN ALDEHYDE TOTWUG/L	8.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34371	ETHYLBENZENE TOTWUG/L	0.50
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34376	FLUORANTHENE TOTWUG/L	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34391	HEXACHLOROBUTADIENE TOTWUG/L	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34396	HEXACHLOROETHANE TOTWUG/L	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	5.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34408	ISOPHORONE TOTWUG/L	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34418	METHYL CHLORIDE TOTWUG/L	0.50
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34423	METHYLENE CHLORIDE TOTWUG/L	0.50
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34447	NITROBENZENE TOTWUG/L	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34452	PARACHLOROMETA CRESOL TOTWUG/L	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34461	PHENANTHRENE TOTWUG/L	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34475	TETRACHLOROETHYLENE TOTWUG/L	0.50
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34496	1,1-DICHLOROETHANE TOTWUG/L	0.50
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34501	1,1-DICHLOROETHYLENE TOTWUG/L	0.50
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	0.50

21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	0.50
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	0.50
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	5.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	5.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34531	1,2-DICHLOROETHANE TOTWUG/L	0.50
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34536	1,2-DICHLOROBENZENE TOTWUG/L	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34541	1,2-DICHLOROPROPANE TOTWUG/L	0.50
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	0.50
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34561	1,3-DICHLOROPROPENE TOTWUG/L	0.50
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34566	1,3-DICHLOROBENZENE TOTWUG/L	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34571	1,4-DICHLOROBENZENE TOTWUG/L	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	0.50
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34581	2-CHLORONAPHTHALENE TOTWUG/L	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34586	2-CHLOROPHENOL TOTWUG/L	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34591	2-NITROPHENOL TOTWUG/L	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34601	2,4-DICHLOROPHENOL TOTWUG/L	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34606	2,4-DIMETHYLPHENOL TOTWUG/L	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34611	2,4-DINITROTOLUENE TOTWUG/L	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34616	2,4-DINITROPHENOL TOTWUG/L	15.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34626	2,6-DINITROTOLUENE TOTWUG/L	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	5.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34646	4-NITROPHENOL TOTWUG/L	15.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	15.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34671	PCB - 1016 TOTWUG/L	1000.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	34696	NAPHTHALENE TOTWUG/L	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	38537	PROPOXUR WATER, TOTUG/L	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	38745	2,4-DB WATER, TOTUG/L	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	38760	DBCP WATER, TOTUG/L	0.02
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	38815	HEXAZINONE WATER, TOTUG/L	0.10
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	38855	NALED WATER, TOTUG/L	0.20
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	38892	TRIADIMEFON WATER, TOTUG/L	0.20
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	38929	FENAMIPHOS(NEMACUR) WHOLE WATER SAMPLE UG/L	0.04
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	39033	ATRAZINE IN WHOLE WATER SAMPLE UG/L	0.03
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	39051	METHOMYL IN WHOLE WATER (UG/L)	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	39053	ALDICARB IN WHOLE WATER (UG/L)	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	39055	SIMAZINE IN WHOLE WATER (UG/L)	0.03
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	39057	PROMETRYNE IN WHOLE WATER (UG/L)	0.04
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	0.50
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	0.50
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	0.04
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	0.01
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	8.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	8.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	8.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	0.01
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	8.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	0.50
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	8.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	0.02
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	0.50
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	8.00

21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	8.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	39460	CHLOROBENZILATE IN WHOLE WATER SAMPLE (UG/L)	0.10
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	1000.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	1000.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	1000.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	1000.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	1000.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	1000.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	0.03
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	39610	PHOSDRIN IN WHOLE WATER SAMPLE (UG/L)	0.10
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	39650	DIURON IN WHOLE WATER SAMPLE (UG/L)	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	39720	PICLORAM IN WHOLE WATER SAMPLE (UG/L)	0.02
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	0.10
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	45.92
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	72109	DEPTH TO WATER LEVEL FROM A MEASURING POINT (FEET)	7.53
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	73675	VOL OF H20 EVACUATED FRM WELL PRIORTO SAMPLEGALLON	30.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	77548	CHLOROPICRIN WHOLE WATER,UG/L	0.02
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	0.02
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	77700	CARBARYL WHOLE WATER,UG/L	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	77825	ALACHLOR WHOLE WATER,UG/L	0.20
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	77969	CHLOROPYRIFOS IN WATER UG/L	0.01
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	78064	NORFLURAZON IN WATER UG/L	0.20
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	0.50
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	0.50
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	78917	ISOPHENPHOS, WHOLE WATER UG/L	0.04
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	81405	CARBOFURAN (EURADAN) WHOLE WATER SAMPLE UG/L	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	81408	METRIBUZIN (SENCOR), WATER, WHOLE UG/L	0.05
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	81551	XYLENE WHL WATER SMPL UG/L	0.50
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	81758	ETHOPROP IN THE WHOLE WATER SAMPLE UG/L	0.02
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	81888	DISULFOTON IN WHOLE WATER SAMPLE UG/L	0.04
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	82052	BANVEL (DICAMBA) WHOLE WATER,UG/L	5.00
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	82088	TERBUFOS (COUNTER) TOTAL WHOLE WATER,UG/L	0.02
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	82198	BROMACIL (HYVAR) IN WATER UG/L	0.20
21FLGW	280235082313501	28.045	82.529444	G	14223167	4-Feb-91	940	82514	MEASURING POINT ELEVATION (FEET)	41.29
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	10	TEMPERATURE, WATER (DEGREES CENTIGRADE)	24.20
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	76	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	0.20
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	90	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	-56.20
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	94	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	180.00
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	95	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	180.00
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	299	OXYGEN ,DISSOLVED, ANALYSIS BY PROBE MG/L	0.23
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	2.71
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	406	PH, FIELD, STANDARD UNITS SU	4.68
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	0.51
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	612	AMMONIA, UNIONZED (MG/L AS N)	0.00
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	619	AMMONIA, UNIONIZED (CALC FR TEMP-PH-NH4) (MG/L)	0.00
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	0.88
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	0.15
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	666	PHOSPHORUS, DISSOLVED (MG/L AS P)	0.01
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	0.03
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	680	CARBON, TOTAL ORGANIC (MG/L AS C)	6.50
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	6.40
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	745	SULFIDE, TOTAL (MG/L AS S)	0.86
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	915	CALCIUM, DISSOLVED (MG/L AS CA)	4.23
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	925	MAGNESIUM, DISSOLVED (MG/L AS MG)	4.59
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	930	SODIUM, DISSOLVED (MG/L AS NA)	13.90
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	935	POTASSIUM, DISSOLVED (MG/L AS K)	4.55
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	941	CHLORIDE, DISSOLVED IN WATER MG/L	18.00

21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	946	SULFATE, DISSOLVED (MG/L AS SO4)	34.00
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	950	FLUORIDE, DISSOLVED (MG/L AS F)	0.12
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	955	SILICA, DISSOLVED (MG/L AS SI02)	5.90
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	1002	ARSENIC, TOTAL (UG/L AS AS)	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	1005	BARIUM, DISSOLVED (UG/L AS BA)	52.00
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	1007	BARIUM, TOTAL (UG/L AS BA)	50.60
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	1010	BERYLLIUM, DISSOLVED (UG/L AS BE)	0.30
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	1012	BERYLLIUM, TOTAL (UG/L AS BE)	0.50
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	1025	CADMIUM, DISSOLVED (UG/L AS CD)	0.05
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	1027	CADMIUM, TOTAL (UG/L AS CD)	0.10
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	1034	CHROMIUM, TOTAL (UG/L AS CR)	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	1040	COPPER, DISSOLVED (UG/L AS CU)	0.30
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	1042	COPPER, TOTAL (UG/L AS CU)	0.90
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	1045	IRON, TOTAL (UG/L AS FE)	3810.00
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	1046	IRON, DISSOLVED (UG/L AS FE)	3850.00
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	1049	LEAD, DISSOLVED (UG/L AS PB)	0.10
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	1051	LEAD, TOTAL (UG/L AS PB)	0.40
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	1055	MANGANESE, TOTAL (UG/L AS MN)	3.00
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	1056	MANGANESE, DISSOLVED (UG/L AS MN)	3.00
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	1057	THALLIUM, DISSOLVED (UG/L AS TL)	0.10
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	1059	THALLIUM, TOTAL (UG/L AS TL)	0.10
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	1065	NICKEL, DISSOLVED (UG/L AS NI)	3.00
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	1067	NICKEL, TOTAL (UG/L AS NI)	4.00
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	1077	SILVER, TOTAL (UG/L AS AG)	0.04
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	1080	STRONTIUM, DISSOLVED (UG/L AS SR)	31.00
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	1082	STRONTIUM, TOTAL (UG/L AS SR)	30.00
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	1085	VANADIUM, DISSOLVED (UG/L AS V)	3.00
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	1087	VANADIUM, TOTAL (UG/L AS V)	3.00
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	1090	ZINC, DISSOLVED (UG/L AS ZN)	2.00
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	1092	ZINC, TOTAL (UG/L AS ZN)	4.00
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	1097	ANTIMONY, TOTAL (UG/L AS SB)	0.20
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	1105	ALUMINUM, TOTAL (UG/L AS AL)	320.00
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	1106	ALUMINUM, DISSOLVED (UG/L AS AL)	305.00
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	1147	SELENIUM, TOTAL (UG/L AS SE)	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	29801	ALKALINITY,WATR,DISS.,FIX END PT,LAB,AS CACO3,MG/L	1.00
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	29.46
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	71900	MERCURY, TOTAL (UG/L AS HG)	0.10
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	72109	DEPTH TO WATER LEVEL FROM A MEASURING POINT (FEET)	6.10
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	73675	VOL OF H20 EVACUATED FRM WELL PRIORTO SAMPLEGALLON	30.00
21FLGW	280235082313501	28.045	82.529444	G	14223168	17-Jun-96	1400	82514	MEASURING POINT ELEVATION (FEET)	41.29
21FLGW	280235082313502	28.045	82.529444	G	14223169	1-Jun-84	1200	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	38.77
21FLGW	280235082313502	28.045	82.529444	G	14223169	1-Jun-84	1200	72008	DEPTH, TOTAL OF WELL (FT BELOW LAND SURFACE DATUM)	45.00
21FLGW	280235082313502	28.045	82.529444	G	14223169	1-Jun-84	1200	73665	BOTTOM OF CASING SEGMENT BELOW LSD FEET	34.00
21FLGW	280235082313502	28.045	82.529444	G	14223169	1-Jun-84	1200	82509	SCREENED INTERVAL (FEET)	11.00
21FLGW	280235082313502	28.045	82.529444	G	14223169	1-Jun-84	1200	82513	CASING DIAMETER (INCHES)	4.00
21FLGW	280235082313502	28.045	82.529444	G	14223169	1-Jun-84	1200	82514	MEASURING POINT ELEVATION (FEET)	40.63
21FLGW	280235082313502	28.045	82.529444	G	14223169	1-Jun-84	1200	84055	AVAILABLE LOGS ALPHA-NUMERIC CODE	D
21FLGW	280235082313502	28.045	82.529444	G	14223169	1-Jun-84	1200	84061	WELL USE ALPHA-NUMERIC CODE	MONWQ
21FLGW	280235082313502	28.045	82.529444	G	14223169	1-Jun-84	1200	84063	DRILLING METHOD ALPHA-NUMERIC CODE	HYDRT
21FLGW	280235082313502	28.045	82.529444	G	14223169	1-Jun-84	1200	84113	WELL INTAKE FINISH CODE	OPNHL
21FLGW	280235082313502	28.045	82.529444	G	14223169	1-Jun-84	1200	84114	WELL CASING MATERIAL CODE	X
21FLGW	280235082313502	28.045	82.529444	G	14223170	3-Feb-90	1255	10	TEMPERATURE, WATER (DEGREES CENTIGRADE)	23.50
21FLGW	280235082313502	28.045	82.529444	G	14223170	3-Feb-90	1255	94	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	450.00
21FLGW	280235082313502	28.045	82.529444	G	14223170	3-Feb-90	1255	406	PH, FIELD, STANDARD UNITS SU	7.00
21FLGW	280235082313502	28.045	82.529444	G	14223170	3-Feb-90	1255	72109	DEPTH TO WATER LEVEL FROM A MEASURING POINT (FEET)	10.52
21FLGW	280235082313502	28.045	82.529444	G	14223170	3-Feb-90	1255	73675	VOL OF H20 EVACUATED FRM WELL PRIORTO SAMPLEGALLON	65.00
21FLGW	280235082313502	28.045	82.529444	G	14223170	3-Feb-90	1255	82514	MEASURING POINT ELEVATION (FEET)	40.63
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	0.06

21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	0.15
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	0.05
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	680	CARBON, TOTAL ORGANIC (MG/L AS C)	7.70
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	723	CYANIDE, DISSOLVED STD METHOD (UG/L)	0.01
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	915	CALCIUM, DISSOLVED (MG/L AS CA)	22.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1.30
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	930	SODIUM, DISSOLVED (MG/L AS NA)	19.80
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	935	POTASSIUM, DISSOLVED (MG/L AS K)	30.40
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	941	CHLORIDE, DISSOLVED IN WATER MG/L	19.80
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	946	SULFATE, DISSOLVED (MG/L AS SO4)	5.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	950	FLUORIDE, DISSOLVED (MG/L AS F)	0.05
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	1000	ARSENIC, DISSOLVED (UG/L AS AS)	3.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	1005	BARIUM, DISSOLVED (UG/L AS BA)	17.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	1025	CADMIUM, DISSOLVED (UG/L AS CD)	0.10
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	1030	CHROMIUM, DISSOLVED (UG/L AS CR)	10.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	1040	COPPER, DISSOLVED (UG/L AS CU)	5.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	1046	IRON, DISSOLVED (UG/L AS FE)	34.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	1049	LEAD, DISSOLVED (UG/L AS PB)	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	1056	MANGANESE, DISSOLVED (UG/L AS MN)	4.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	1065	NICKEL, DISSOLVED (UG/L AS NI)	5.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	1075	SILVER, DISSOLVED (UG/L AS AG)	0.30
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	1080	STRONTIUM, DISSOLVED (UG/L AS SR)	145.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	1090	ZINC, DISSOLVED (UG/L AS ZN)	4.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	1145	SELENIUM, DISSOLVED (UG/L AS SE)	3.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	4253	METHYLISOTHIOCYANATE, TOTAL, WATER UG/L	75.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	4254	METALAXYL, TOTAL, WATER UG/L	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	4255	BICARBONATE ALKALINITY(CAC03),DISSOLVED,WATER MG/L	130.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	4256	CARBONATE ALKALINITY(CACO3),DISSOLVED,WATER MG/L	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	4257	ALDICARB SULFONE, TOTAL, WATER UG/L	0.50
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	4258	HYDROXYCARBOFURAN, 3-, TOTAL, WATER UG/L	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	4260	ALDICARB SULFOXIDE, TOTAL, WATER UG/L	0.50
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	32104	BROMOFORM,WHOLE WATER,UG/L	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	32106	CHLOROFORM,WHOLE WATER,UG/L	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34200	ACENAPHTHYLENE TOTWUG/L	10.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34205	ACENAPHTHENE TOTWUG/L	10.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34220	ANTHRACENE TOTWUG/L	10.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	10.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	10.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34247	BENZO-A-PYRENE TOTWUG/L	10.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	0.01
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	10.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	20.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	20.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	10.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34301	CHLOROBENZENE TOTWUG/L	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34311	CHLOROETHANE TOTWUG/L	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34320	CHRYSENE TOTWUG/L	10.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34336	DIETHYL PHTHALATE TOTWUG/L	10.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34341	DIMETHYL PHTHALATE TOTWUG/L	10.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	10.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34351	ENDOSULFAN SULFATE TOTWUG/L	0.10
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34356	ENDOSULFAN, BETA TOTWUG/L	0.05
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34361	ENDOSULFAN, ALPHA TOTWUG/L	0.02
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34371	ETHYLBENZENE TOTWUG/L	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34376	FLUORANTHENE TOTWUG/L	10.00

21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34381	FLUORENE TOTWUG/L	10.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	10.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34391	HEXACHLOROBUTADIENE TOTWUG/L	10.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34396	HEXACHLOROETHANE TOTWUG/L	60.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	10.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34408	ISOPHORONE TOTWUG/L	10.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34413	METHYL BROMIDE TOTWUG/L	5.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34418	METHYL CHLORIDE TOTWUG/L	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34423	METHYLENE CHLORIDE TOTWUG/L	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	10.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	160.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34447	NITROBENZENE TOTWUG/L	10.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34461	PHENANTHRENE TOTWUG/L	10.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34469	PYRENE TOTWUG/L	10.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34475	TETRACHLOROETHYLENE TOTWUG/L	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34496	1,1-DICHLOROETHANE TOTWUG/L	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34501	1,1-DICHLOROETHYLENE TOTWUG/L	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	6.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	20.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	10.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34531	1,2-DICHLOROETHANE TOTWUG/L	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34536	1,2-DICHLOROBENZENE TOTWUG/L	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34541	1,2-DICHLOROPROPANE TOTWUG/L	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	10.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	25.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34561	1,3-DICHLOROPROPENE TOTWUG/L	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34566	1,3-DICHLOROBENZENE TOTWUG/L	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34571	1,4-DICHLOROBENZENE TOTWUG/L	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34581	2-CHLORONAPHTHALENE TOTWUG/L	10.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34586	2-CHLOROPHENOL TOTWUG/L	20.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34591	2-NITROPHENOL TOTWUG/L	30.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	10.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34601	2,4-DICHLOROPHENOL TOTWUG/L	20.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34606	2,4-DIMETHYLPHENOL TOTWUG/L	20.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34611	2,4-DINITROTOLUENE TOTWUG/L	10.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34616	2,4-DINITROPHENOL TOTWUG/L	30.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	20.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34626	2,6-DINITROTOLUENE TOTWUG/L	10.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	10.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	10.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	10.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34646	4-NITROPHENOL TOTWUG/L	50.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	30.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34671	PCB - 1016 TOTWUG/L	0.50
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	20.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	34696	NAPHTHALENE TOTWUG/L	10.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	38537	PROPOXUR WATER, TOTUG/L	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	38745	2,4-DB WATER, TOTUG/L	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	38760	DBCP WATER, TOTUG/L	0.02
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	38815	HEXAZINONE WATER, TOTUG/L	0.50
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	38855	NALED WATER, TOTUG/L	0.10
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	38865	OXAMYL WATER, TOTUG/L	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	38892	TRIADIMEFON WATER, TOTUG/L	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	38927	METHAMIDOPHOS(MONITOR) WHOLE WATER SAMPLE UG/L	2.00

21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	38929	FENAMIPHOS(NEMACUR) WHOLE WATER SAMPLE UG/L	0.50
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	39002	BENEFIN,ELECTRONCAPTURE, WATER SAMPLE (UG/L)	0.01
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	30.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	39033	ATRAZINE IN WHOLE WATER SAMPLE UG/L	0.10
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	39051	METHOMYL IN WHOLE WATER (UG/L)	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	39053	ALDICARB IN WHOLE WATER (UG/L)	0.50
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	39055	SIMAZINE IN WHOLE WATER (UG/L)	0.20
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	39057	PROMETRYNE IN WHOLE WATER (UG/L)	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	10.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	10.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	10.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	0.01
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	0.02
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	0.02
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	0.01
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	0.01
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	0.01
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	0.10
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	0.02
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	0.05
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	39460	CHLOROBENZILATE IN WHOLE WATER SAMPLE (UG/L)	0.20
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	0.50
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	0.50
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	0.50
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	0.50
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	0.50
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	0.50
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	0.05
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	39610	PHOSDRIN IN WHOLE WATER SAMPLE (UG/L)	0.01
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	39650	DIURON IN WHOLE WATER SAMPLE (UG/L)	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	20.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	39720	PICLORAM IN WHOLE WATER SAMPLE (UG/L)	0.02
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	0.10
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	39780	DICOFOL IN WHOLE WATER SAMPLE (UG/L)	0.02
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	45638	DICHLOROPROPANE, 1,1,1- , WATER, WHOLE UG/L	0.50
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	46491	METHYL TERTIARY BUTYL ETHER(MTBE),TOTAL,WATER UG/L	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	60.29
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	180.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	70314	DACONIL(C8CL4N2) IN WATER UG/L	0.20
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	71890	MERCURY, DISSOLVED (UG/L AS HG)	0.20
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	77128	STYRENE WHOLE WATER,UG/L	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	77548	CHLOROPICRIN WHOLE WATER,UG/L	0.01
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	0.02
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	77700	CARBARYL WHOLE WATER,UG/L	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	77825	ALACHLOR WHOLE WATER,UG/L	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	77969	CHLOROPYRIFOS IN WATER UG/L	0.01
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	77970	CHLOROTOLUENE IN WATER UG/L	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	78064	NORFLURAZON IN WATER UG/L	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	14.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	78917	ISOPHENPHOS, WHOLE WATER UG/L	0.20
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	79190	PENDIMETHALIN, WATER, WHOLE UG/L	2.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	79191	PERMETHRIN IN WHOLE WATER UG/L	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	81284	TRIFLURALIN(C13H16F3N3O4) WHOLE WATER SAMPLE UG/L	0.01
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	81405	CARBOFURAN (EURADAN) WHOLE WATER SAMPLE UG/L	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	81408	METRIBUZIN (SENCOR), WATER, WHOLE UG/L	0.50

21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	81551	XYLENE WHL WATER SMPL UG/L	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	81686	CIS-1,2-DICHLOROETHENE IN WHOLE WATER SAMPLE MG/L	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	81758	ETHOPROP IN THE WHOLE WATER SAMPLE UG/L	0.01
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	81888	DISULFOTON IN WHOLE WATER SAMPLE UG/L	0.05
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	82052	BANVEL (DICAMBA) WHOLE WATER,UG/L	5.00
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	82088	TERBUFOS (COUNTER) TOTAL WHOLE WATER,UG/L	0.50
21FLGW	280235082313502	28.045	82.529444	G	14223171	3-Mar-90	1255	82198	BROMACIL (HYVAR) IN WATER UG/L	2.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	10	TEMPERATURE, WATER (DEGREES CENTIGRADE)	24.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	76	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	12.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	94	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	450.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	406	PH, FIELD, STANDARD UNITS SU	6.83
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	0.16
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	612	AMMONIA, UNIONZED (MG/L AS N)	0.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	619	AMMONIA, UNIONIZED (CALC FR TEMP-PH-NH4) (MG/L)	0.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	0.05
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	0.16
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	680	CARBON, TOTAL ORGANIC (MG/L AS C)	5.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	915	CALCIUM, DISSOLVED (MG/L AS CA)	88.60
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	925	MAGNESIUM, DISSOLVED (MG/L AS MG)	2.70
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	930	SODIUM, DISSOLVED (MG/L AS NA)	10.20
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	935	POTASSIUM, DISSOLVED (MG/L AS K)	0.60
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	941	CHLORIDE, DISSOLVED IN WATER MG/L	23.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	946	SULFATE, DISSOLVED (MG/L AS SO4)	5.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	950	FLUORIDE, DISSOLVED (MG/L AS F)	0.12
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	955	SILICA, DISSOLVED (MG/L AS SI02)	19.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	1000	ARSENIC, DISSOLVED (UG/L AS AS)	20.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	1005	BARIUM, DISSOLVED (UG/L AS BA)	22.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	1025	CADMIUM, DISSOLVED (UG/L AS CD)	0.10
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	1030	CHROMIUM, DISSOLVED (UG/L AS CR)	10.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	1040	COPPER, DISSOLVED (UG/L AS CU)	5.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	1046	IRON, DISSOLVED (UG/L AS FE)	1240.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	1049	LEAD, DISSOLVED (UG/L AS PB)	2.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	1056	MANGANESE, DISSOLVED (UG/L AS MN)	11.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	1065	NICKEL, DISSOLVED (UG/L AS NI)	5.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	1075	SILVER, DISSOLVED (UG/L AS AG)	3.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	1080	STRONTIUM, DISSOLVED (UG/L AS SR)	138.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	1090	ZINC, DISSOLVED (UG/L AS ZN)	5.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	1145	SELENIUM, DISSOLVED (UG/L AS SE)	5.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	4254	METALAXYL, TOTAL, WATER UG/L	0.50
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	4255	BICARBONATE ALKALINITY(CAC03),DISSOLVED,WATER MG/L	210.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	4257	ALDICARB SULFONE, TOTAL, WATER UG/L	2.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	4258	HYDROXYCARBOFURAN, 3-, TOTAL, WATER UG/L	2.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	4260	ALDICARB SULFOXIDE, TOTAL, WATER UG/L	2.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	0.50
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	0.50
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	32104	BROMOFORM,WHOLE WATER,UG/L	0.50
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	0.50
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	32106	CHLOROFORM,WHOLE WATER,UG/L	0.50
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34200	ACENAPHTHYLENE TOTWUG/L	2.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34205	ACENAPHTHENE TOTWUG/L	2.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34220	ANTHRACENE TOTWUG/L	2.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	2.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	2.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34247	BENZO-A-PYRENE TOTWUG/L	4.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	0.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	2.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	2.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	2.00

21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34301	CHLOROBENZENE TOTWUG/L	0.50
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34311	CHLOROETHANE TOTWUG/L	0.50
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34336	DIETHYL PHTHALATE TOTWUG/L	2.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34341	DIMETHYL PHTHALATE TOTWUG/L	2.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34351	ENDOSULFAN SULFATE TOTWUG/L	8.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34356	ENDOSULFAN, BETA TOTWUG/L	0.01
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34361	ENDOSULFAN, ALPHA TOTWUG/L	0.01
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34366	ENDRIN ALDEHYDE TOTWUG/L	8.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34371	ETHYLBENZENE TOTWUG/L	0.50
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34376	FLUORANTHENE TOTWUG/L	2.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34391	HEXACHLOROBUTADIENE TOTWUG/L	2.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34396	HEXACHLOROETHANE TOTWUG/L	2.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	5.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34408	ISOPHORONE TOTWUG/L	2.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34418	METHYL CHLORIDE TOTWUG/L	0.50
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34423	METHYLENE CHLORIDE TOTWUG/L	0.50
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	2.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34447	NITROBENZENE TOTWUG/L	2.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34452	PARACHLOROMETA CRESOL TOTWUG/L	2.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34461	PHENANTHRENE TOTWUG/L	2.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34475	TETRACHLOROETHYLENE TOTWUG/L	0.50
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34496	1,1-DICHLOROETHANE TOTWUG/L	0.50
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34501	1,1-DICHLOROETHYLENE TOTWUG/L	0.50
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	0.50
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	0.50
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	0.50
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	5.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	5.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34531	1,2-DICHLOROETHANE TOTWUG/L	0.50
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34536	1,2-DICHLOROBENZENE TOTWUG/L	2.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34541	1,2-DICHLOROPROPANE TOTWUG/L	0.50
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	0.50
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	2.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34561	1,3-DICHLOROPROPENE TOTWUG/L	0.50
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34566	1,3-DICHLOROBENZENE TOTWUG/L	2.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34571	1,4-DICHLOROBENZENE TOTWUG/L	2.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	0.50
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34581	2-CHLORONAPHTHALENE TOTWUG/L	2.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34586	2-CHLOROPHENOL TOTWUG/L	2.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34591	2-NITROPHENOL TOTWUG/L	2.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	2.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34601	2,4-DICHLOROPHENOL TOTWUG/L	2.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34606	2,4-DIMETHYLPHENOL TOTWUG/L	2.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34611	2,4-DINITROTOLUENE TOTWUG/L	2.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34616	2,4-DINITROPHENOL TOTWUG/L	15.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	2.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34626	2,6-DINITROTOLUENE TOTWUG/L	2.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	5.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	2.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	2.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34646	4-NITROPHENOL TOTWUG/L	15.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	15.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34671	PCB - 1016 TOTWUG/L	1000.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	34696	NAPHTHALENE TOTWUG/L	2.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	38537	PROPOXUR WATER, TOTUG/L	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	38745	2,4-DB WATER, TOTUG/L	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	38760	DBCP WATER, TOTUG/L	0.02
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	38815	HEXAZINONE WATER, TOTUG/L	0.10

21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	38855	NALED WATER, TOTUG/L	0.02
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	38892	TRIADIMEFON WATER, TOTUG/L	0.20
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	38929	FENAMIPHOS(NEMACUR) WHOLE WATER SAMPLE UG/L	0.04
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	39033	ATRAZINE IN WHOLE WATER SAMPLE UG/L	0.03
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	39051	METHOMYL IN WHOLE WATER (UG/L)	2.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	39053	ALDICARB IN WHOLE WATER (UG/L)	2.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	39055	SIMAZINE IN WHOLE WATER (UG/L)	0.03
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	39057	PROMETRYNE IN WHOLE WATER (UG/L)	0.04
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	2.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	2.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	0.50
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	0.50
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	0.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	0.01
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	0.01
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	8.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	8.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	0.01
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	8.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	0.50
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	8.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	0.02
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	0.50
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	8.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	8.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	39460	CHLOROBENZILATE IN WHOLE WATER SAMPLE (UG/L)	0.10
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	1000.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	1000.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	1000.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	1000.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	1000.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	1000.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	0.03
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	39610	PHOSDRIN IN WHOLE WATER SAMPLE (UG/L)	0.10
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	39650	DIURON IN WHOLE WATER SAMPLE (UG/L)	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	2.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	39720	PICLORAM IN WHOLE WATER SAMPLE (UG/L)	0.02
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	0.10
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	232.35
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	72109	DEPTH TO WATER LEVEL FROM A MEASURING POINT (FEET)	12.20
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	73675	VOL OF H20 EVACUATED FRM WELL PRIORTO SAMPLEGALLON	260.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	77548	CHLOROPICRIN WHOLE WATER,UG/L	0.02
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	0.02
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	77700	CARBARYL WHOLE WATER,UG/L	2.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	77825	ALACHLOR WHOLE WATER,UG/L	0.20
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	77969	CHLOROPYRIFOS IN WATER UG/L	0.01
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	78064	NORFLURAZON IN WATER UG/L	0.20
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	0.50
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	0.50
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	78917	ISOPHENPHOS, WHOLE WATER UG/L	0.04
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	81405	CARBOFURAN (EURADAN) WHOLE WATER SAMPLE UG/L	2.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	81408	METRIBUZIN (SENCOR), WATER, WHOLE UG/L	0.05
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	81551	XYLENE WHL WATER SMPL UG/L	0.50
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	81758	ETHOPROP IN THE WHOLE WATER SAMPLE UG/L	0.02
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	81888	DISULFOTON IN WHOLE WATER SAMPLE UG/L	0.04
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	82052	BANVEL (DICAMBA) WHOLE WATER,UG/L	5.00
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	82088	TERBUFOS (COUNTER) TOTAL WHOLE WATER,UG/L	0.10
21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	82198	BROMACIL (HYVAR) IN WATER UG/L	0.20

21FLGW	280235082313502	28.045	82.529444	G	14223172	4-Feb-91	1044	82514	MEASURING POINT ELEVATION (FEET)	40.63
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	10	TEMPERATURE, WATER (DEGREES CENTIGRADE)	24.90
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	76	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	9.40
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	90	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	-99.20
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	94	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	443.00
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	95	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	400.00
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	299	OXYGEN ,DISSOLVED, ANALYSIS BY PROBE MG/L	0.30
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	3.57
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	406	PH, FIELD, STANDARD UNITS SU	6.82
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	0.12
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	612	AMMONIA, UNIONZED (MG/L AS N)	0.00
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	619	AMMONIA, UNIONIZED (CALC FR TEMP-PH-NH4) (MG/L)	0.00
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	0.26
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	0.03
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	666	PHOSPHORUS, DISSOLVED (MG/L AS P)	0.18
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	0.15
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	680	CARBON, TOTAL ORGANIC (MG/L AS C)	3.70
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	3.70
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	745	SULFIDE, TOTAL (MG/L AS S)	0.05
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	915	CALCIUM, DISSOLVED (MG/L AS CA)	88.20
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	925	MAGNESIUM, DISSOLVED (MG/L AS MG)	2.70
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	930	SODIUM, DISSOLVED (MG/L AS NA)	10.10
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	935	POTASSIUM, DISSOLVED (MG/L AS K)	0.40
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	941	CHLORIDE, DISSOLVED IN WATER MG/L	16.00
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	946	SULFATE, DISSOLVED (MG/L AS SO4)	3.70
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	950	FLUORIDE, DISSOLVED (MG/L AS F)	0.15
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	955	SILICA, DISSOLVED (MG/L AS SI02)	19.00
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	1002	ARSENIC, TOTAL (UG/L AS AS)	2.00
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	1005	BARIUM, DISSOLVED (UG/L AS BA)	15.20
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	1007	BARIUM, TOTAL (UG/L AS BA)	15.70
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	1010	BERYLLIUM, DISSOLVED (UG/L AS BE)	0.30
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	1012	BERYLLIUM, TOTAL (UG/L AS BE)	0.50
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	1025	CADMIUM, DISSOLVED (UG/L AS CD)	0.02
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	1027	CADMIUM, TOTAL (UG/L AS CD)	0.05
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	1034	CHROMIUM, TOTAL (UG/L AS CR)	2.00
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	1040	COPPER, DISSOLVED (UG/L AS CU)	0.20
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	1042	COPPER, TOTAL (UG/L AS CU)	0.30
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	1045	IRON, TOTAL (UG/L AS FE)	1630.00
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	1046	IRON, DISSOLVED (UG/L AS FE)	1560.00
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	1049	LEAD, DISSOLVED (UG/L AS PB)	0.10
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	1051	LEAD, TOTAL (UG/L AS PB)	0.20
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	1055	MANGANESE, TOTAL (UG/L AS MN)	11.00
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	1056	MANGANESE, DISSOLVED (UG/L AS MN)	13.00
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	1059	THALLIUM, TOTAL (UG/L AS TL)	0.02
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	1065	NICKEL, DISSOLVED (UG/L AS NI)	3.00
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	1067	NICKEL, TOTAL (UG/L AS NI)	4.00
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	1077	SILVER, TOTAL (UG/L AS AG)	0.04
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	1080	STRONTIUM, DISSOLVED (UG/L AS SR)	128.00
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	1082	STRONTIUM, TOTAL (UG/L AS SR)	125.00
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	1085	VANADIUM, DISSOLVED (UG/L AS V)	2.00
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	1087	VANADIUM, TOTAL (UG/L AS V)	3.00
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	1090	ZINC, DISSOLVED (UG/L AS ZN)	2.00
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	1092	ZINC, TOTAL (UG/L AS ZN)	5.00
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	1097	ANTIMONY, TOTAL (UG/L AS SB)	0.20
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	1105	ALUMINUM, TOTAL (UG/L AS AL)	35.00
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	1106	ALUMINUM, DISSOLVED (UG/L AS AL)	17.00
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	1147	SELENIUM, TOTAL (UG/L AS SE)	1.00
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	29801	ALKALINITY,WATR,DISS.,FIX END PT,LAB,AS CACO3,MG/L	201.00

21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	231.35
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	71900	MERCURY, TOTAL (UG/L AS HG)	0.10
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	72109	DEPTH TO WATER LEVEL FROM A MEASURING POINT (FEET)	10.75
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	73675	VOL OF H20 EVACUATED FRM WELL PRIORTO SAMPLEGALLON	72.00
21FLGW	280235082313502	28.045	82.529444	G	14223173	17-Jun-96	1530	82514	MEASURING POINT ELEVATION (FEET)	40.63
21FLGW	280413082301501	28.070278	82.504167	G	14223250	1-Jun-84	1200	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	51.00
21FLGW	280413082301501	28.070278	82.504167	G	14223250	1-Jun-84	1200	72008	DEPTH, TOTAL OF WELL (FT BELOW LAND SURFACE DATUM)	106.00
21FLGW	280413082301501	28.070278	82.504167	G	14223250	1-Jun-84	1200	73665	BOTTOM OF CASING SEGMENT BELOW LSD FEET	73.00
21FLGW	280413082301501	28.070278	82.504167	G	14223250	1-Jun-84	1200	82509	SCREENED INTERVAL (FEET)	33.00
21FLGW	280413082301501	28.070278	82.504167	G	14223250	1-Jun-84	1200	82513	CASING DIAMETER (INCHES)	4.00
21FLGW	280413082301501	28.070278	82.504167	G	14223250	1-Jun-84	1200	84055	AVAILABLE LOGS ALPHA-NUMERIC CODE	D
21FLGW	280413082301501	28.070278	82.504167	G	14223250	1-Jun-84	1200	84056	WATER USE CATEGORY ALPHA-NUMERIC CODE	DMSTC
21FLGW	280413082301501	28.070278	82.504167	G	14223250	1-Jun-84	1200	84061	WELL USE ALPHA-NUMERIC CODE	WTRSP
21FLGW	280413082301501	28.070278	82.504167	G	14223250	1-Jun-84	1200	84114	WELL CASING MATERIAL CODE	GALFE
21FLGW	280305082300501	28.051667	82.498333	G	14223184	1-Jun-84	1200	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	46.10
21FLGW	280305082300501	28.051667	82.498333	G	14223184	1-Jun-84	1200	72008	DEPTH, TOTAL OF WELL (FT BELOW LAND SURFACE DATUM)	17.00
21FLGW	280305082300501	28.051667	82.498333	G	14223184	1-Jun-84	1200	73665	BOTTOM OF CASING SEGMENT BELOW LSD FEET	7.00
21FLGW	280305082300501	28.051667	82.498333	G	14223184	1-Jun-84	1200	73667	DIAMETER OF OPEN SECTION(PIPE,SCREEN OR HOLE) INCH	4.00
21FLGW	280305082300501	28.051667	82.498333	G	14223184	1-Jun-84	1200	82509	SCREENED INTERVAL (FEET)	10.00
21FLGW	280305082300501	28.051667	82.498333	G	14223184	1-Jun-84	1200	82513	CASING DIAMETER (INCHES)	4.00
21FLGW	280305082300501	28.051667	82.498333	G	14223184	1-Jun-84	1200	82514	MEASURING POINT ELEVATION (FEET)	48.95
21FLGW	280305082300501	28.051667	82.498333	G	14223184	1-Jun-84	1200	84055	AVAILABLE LOGS ALPHA-NUMERIC CODE	D
21FLGW	280305082300501	28.051667	82.498333	G	14223184	1-Jun-84	1200	84061	WELL USE ALPHA-NUMERIC CODE	MONWQ
21FLGW	280305082300501	28.051667	82.498333	G	14223184	1-Jun-84	1200	84063	DRILLING METHOD ALPHA-NUMERIC CODE	HYDRT
21FLGW	280305082300501	28.051667	82.498333	G	14223184	1-Jun-84	1200	84113	WELL INTAKE FINISH CODE	UNKSC
21FLGW	280305082300501	28.051667	82.498333	G	14223184	1-Jun-84	1200	84114	WELL CASING MATERIAL CODE	X
21FLGW	280305082300501	28.051667	82.498333	G	14223184	1-Jun-84	1200	84115	TYPE OF MATERIAL FROM WHICH OPENING IS MADE CODE	PVC
21FLGW	280305082300501	28.051667	82.498333	G	14223185	2-Feb-90	1132	10	TEMPERATURE, WATER (DEGREES CENTIGRADE)	23.00
21FLGW	280305082300501	28.051667	82.498333	G	14223185	2-Feb-90	1132	94	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	130.00
21FLGW	280305082300501	28.051667	82.498333	G	14223185	2-Feb-90	1132	406	PH, FIELD, STANDARD UNITS SU	5.45
21FLGW	280305082300501	28.051667	82.498333	G	14223185	2-Feb-90	1132	72109	DEPTH TO WATER LEVEL FROM A MEASURING POINT (FEET)	7.50
21FLGW	280305082300501	28.051667	82.498333	G	14223185	2-Feb-90	1132	73675	VOL OF H20 EVACUATED FRM WELL PRIORTO SAMPLEGALLON	40.00
21FLGW	280305082300501	28.051667	82.498333	G	14223185	2-Feb-90	1132	82514	MEASURING POINT ELEVATION (FEET)	48.95
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	0.03
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	0.68
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	0.05
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	680	CARBON, TOTAL ORGANIC (MG/L AS C)	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	723	CYANIDE, DISSOLVED STD METHOD (UG/L)	0.01
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	915	CALCIUM, DISSOLVED (MG/L AS CA)	9.60
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1.30
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	930	SODIUM, DISSOLVED (MG/L AS NA)	9.20
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	935	POTASSIUM, DISSOLVED (MG/L AS K)	3.60
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	941	CHLORIDE, DISSOLVED IN WATER MG/L	15.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	946	SULFATE, DISSOLVED (MG/L AS SO4)	23.60
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	950	FLUORIDE, DISSOLVED (MG/L AS F)	0.20
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	1000	ARSENIC, DISSOLVED (UG/L AS AS)	3.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	1005	BARIUM, DISSOLVED (UG/L AS BA)	19.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	1025	CADMIUM, DISSOLVED (UG/L AS CD)	0.20
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	1030	CHROMIUM, DISSOLVED (UG/L AS CR)	10.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	1040	COPPER, DISSOLVED (UG/L AS CU)	5.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	1046	IRON, DISSOLVED (UG/L AS FE)	36.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	1049	LEAD, DISSOLVED (UG/L AS PB)	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	1056	MANGANESE, DISSOLVED (UG/L AS MN)	11.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	1065	NICKEL, DISSOLVED (UG/L AS NI)	5.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	1075	SILVER, DISSOLVED (UG/L AS AG)	0.30
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	1080	STRONTIUM, DISSOLVED (UG/L AS SR)	23.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	1090	ZINC, DISSOLVED (UG/L AS ZN)	3.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	1145	SELENIUM, DISSOLVED (UG/L AS SE)	3.00

21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	4253	METHYLISOTHIOCYANATE, TOTAL, WATER UG/L	75.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	4254	METALAXYL, TOTAL, WATER UG/L	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	4255	BICARBONATE ALKALINITY(CAC03),DISSOLVED,WATER MG/L	71.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	4256	CARBONATE ALKALINITY(CACO3),DISSOLVED,WATER MG/L	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	4257	ALDICARB SULFONE, TOTAL, WATER UG/L	0.50
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	4258	HYDROXYCARBOFURAN, 3-, TOTAL, WATER UG/L	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	4260	ALDICARB SULFOXIDE, TOTAL, WATER UG/L	0.50
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	32104	BROMOFORM,WHOLE WATER,UG/L	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	32106	CHLOROFORM,WHOLE WATER,UG/L	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34200	ACENAPHTHYLENE TOTWUG/L	10.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34205	ACENAPHTHENE TOTWUG/L	10.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34220	ANTHRACENE TOTWUG/L	10.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	10.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	10.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34247	BENZO-A-PYRENE TOTWUG/L	10.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	0.01
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	10.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	20.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	20.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	10.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34301	CHLOROBENZENE TOTWUG/L	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34311	CHLOROETHANE TOTWUG/L	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34320	CHRYSENE TOTWUG/L	10.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34336	DIETHYL PHTHALATE TOTWUG/L	10.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34341	DIMETHYL PHTHALATE TOTWUG/L	10.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	10.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34351	ENDOSULFAN SULFATE TOTWUG/L	0.10
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34356	ENDOSULFAN, BETA TOTWUG/L	0.05
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34361	ENDOSULFAN, ALPHA TOTWUG/L	0.02
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34371	ETHYLBENZENE TOTWUG/L	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34376	FLUORANTHENE TOTWUG/L	10.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34381	FLUORENE TOTWUG/L	10.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	10.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34391	HEXACHLOROBUTADIENE TOTWUG/L	10.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34396	HEXACHLOROETHANE TOTWUG/L	60.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	10.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34408	ISOPHORONE TOTWUG/L	10.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34413	METHYL BROMIDE TOTWUG/L	5.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34418	METHYL CHLORIDE TOTWUG/L	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34423	METHYLENE CHLORIDE TOTWUG/L	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	10.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	160.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34447	NITROBENZENE TOTWUG/L	10.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34461	PHENANTHRENE TOTWUG/L	10.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34469	PYRENE TOTWUG/L	10.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34475	TETRACHLOROETHYLENE TOTWUG/L	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34496	1,1-DICHLOROETHANE TOTWUG/L	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34501	1,1-DICHLOROETHYLENE TOTWUG/L	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	20.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	10.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34531	1,2-DICHLOROETHANE TOTWUG/L	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34536	1,2-DICHLOROBENZENE TOTWUG/L	1.00

21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34541	1,2-DICHLOROPROPANE TOTWUG/L	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	10.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	25.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34561	1,3-DICHLOROPROPENE TOTWUG/L	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34566	1,3-DICHLOROBENZENE TOTWUG/L	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34571	1,4-DICHLOROBENZENE TOTWUG/L	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34581	2-CHLORONAPHTHALENE TOTWUG/L	10.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34586	2-CHLOROPHENOL TOTWUG/L	20.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34591	2-NITROPHENOL TOTWUG/L	30.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	10.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34601	2,4-DICHLOROPHENOL TOTWUG/L	20.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34606	2,4-DIMETHYLPHENOL TOTWUG/L	20.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34611	2,4-DINITROTOLUENE TOTWUG/L	10.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34616	2,4-DINITROPHENOL TOTWUG/L	30.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	20.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34626	2,6-DINITROTOLUENE TOTWUG/L	10.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	10.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	10.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	10.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34646	4-NITROPHENOL TOTWUG/L	50.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	30.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34671	PCB - 1016 TOTWUG/L	0.50
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	20.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	34696	NAPHTHALENE TOTWUG/L	10.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	38537	PROPOXUR WATER, TOTUG/L	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	38745	2,4-DB WATER, TOTUG/L	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	38760	DBCP WATER, TOTUG/L	0.02
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	38815	HEXAZINONE WATER, TOTUG/L	0.50
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	38855	NALED WATER, TOTUG/L	0.10
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	38865	OXAMYL WATER, TOTUG/L	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	38892	TRIADIMEFON WATER, TOTUG/L	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	38927	METHAMIDOPHOS(MONITOR) WHOLE WATER SAMPLE UG/L	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	38929	FENAMIPHOS(NEMACUR) WHOLE WATER SAMPLE UG/L	0.50
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	39002	BENEFIN,ELECTRONCAPTURE, WATER SAMPLE (UG/L)	0.01
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	30.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	39033	ATRAZINE IN WHOLE WATER SAMPLE UG/L	0.10
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	39051	METHOMYL IN WHOLE WATER (UG/L)	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	39053	ALDICARB IN WHOLE WATER (UG/L)	0.50
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	39055	SIMAZINE IN WHOLE WATER (UG/L)	0.20
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	39057	PROMETRYNE IN WHOLE WATER (UG/L)	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	10.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	10.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	10.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	0.05
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	0.02
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	0.02
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	0.01
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	0.01
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	0.01
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	0.10
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	0.02
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	0.05
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	39460	CHLOROBENZILATE IN WHOLE WATER SAMPLE (UG/L)	0.20
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	0.50

21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	0.50
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	0.50
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	0.50
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	0.50
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	0.50
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	0.05
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	39610	PHOSDRIN IN WHOLE WATER SAMPLE (UG/L)	0.01
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	39650	DIURON IN WHOLE WATER SAMPLE (UG/L)	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	20.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	39720	PICLORAM IN WHOLE WATER SAMPLE (UG/L)	0.02
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	0.10
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	39780	DICOFOL IN WHOLE WATER SAMPLE (UG/L)	0.02
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	45638	DICHLOROPROPANE, 1,1,1- , WATER, WHOLE UG/L	0.50
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	46491	METHYL TERTIARY BUTYL ETHER(MTBE),TOTAL,WATER UG/L	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	29.32
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	66.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	70314	DACONIL(C8CL4N2) IN WATER UG/L	0.01
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	71890	MERCURY, DISSOLVED (UG/L AS HG)	0.20
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	77128	STYRENE WHOLE WATER,UG/L	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	77548	CHLOROPICRIN WHOLE WATER,UG/L	0.01
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	0.02
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	77700	CARBARYL WHOLE WATER,UG/L	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	77825	ALACHLOR WHOLE WATER,UG/L	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	77969	CHLOROPYRIFOS IN WATER UG/L	0.01
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	77970	CHLOROTOLUENE IN WATER UG/L	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	78064	NORFLURAZON IN WATER UG/L	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	78917	ISOPHENPHOS, WHOLE WATER UG/L	0.20
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	79190	PENDIMETHALIN, WATER, WHOLE UG/L	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	79191	PERMETHRIN IN WHOLE WATER UG/L	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	81284	TRIFLURALIN(C13H16F3N3O4) WHOLE WATER SAMPLE UG/L	0.01
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	81405	CARBOFURAN (EURADAN) WHOLE WATER SAMPLE UG/L	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	81408	METRIBUZIN (SENCOR), WATER, WHOLE UG/L	0.50
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	81551	XYLENE WHL WATER SMPL UG/L	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	81686	CIS-1,2-DICHLOROETHENE IN WHOLE WATER SAMPLE MG/L	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	81758	ETHOPROP IN THE WHOLE WATER SAMPLE UG/L	0.01
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	81888	DISULFOTON IN WHOLE WATER SAMPLE UG/L	0.05
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	82052	BANVEL (DICAMBA) WHOLE WATER,UG/L	5.00
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	82088	TERBUFOS (COUNTER) TOTAL WHOLE WATER,UG/L	0.50
21FLGW	280305082300501	28.051667	82.498333	G	14223186	2-Mar-90	1132	82198	BROMACIL (HYVAR) IN WATER UG/L	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	10	TEMPERATURE, WATER (DEGREES CENTIGRADE)	24.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	94	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	130.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	406	PH, FIELD, STANDARD UNITS SU	4.90
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	0.06
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	612	AMMONIA, UNIONZED (MG/L AS N)	0.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	619	AMMONIA, UNIONIZED (CALC FR TEMP-PH-NH4) (MG/L)	0.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	0.05
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	0.02
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	680	CARBON, TOTAL ORGANIC (MG/L AS C)	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	915	CALCIUM, DISSOLVED (MG/L AS CA)	12.60
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	925	MAGNESIUM, DISSOLVED (MG/L AS MG)	2.10
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	930	SODIUM, DISSOLVED (MG/L AS NA)	6.30
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	935	POTASSIUM, DISSOLVED (MG/L AS K)	2.30
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	941	CHLORIDE, DISSOLVED IN WATER MG/L	26.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	946	SULFATE, DISSOLVED (MG/L AS SO4)	20.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	950	FLUORIDE, DISSOLVED (MG/L AS F)	0.08
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	955	SILICA, DISSOLVED (MG/L AS SI02)	1.30

21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	1000	ARSENIC, DISSOLVED (UG/L AS AS)	20.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	1005	BARIUM, DISSOLVED (UG/L AS BA)	23.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	1025	CADMIUM, DISSOLVED (UG/L AS CD)	0.10
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	1030	CHROMIUM, DISSOLVED (UG/L AS CR)	10.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	1040	COPPER, DISSOLVED (UG/L AS CU)	5.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	1046	IRON, DISSOLVED (UG/L AS FE)	37.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	1049	LEAD, DISSOLVED (UG/L AS PB)	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	1056	MANGANESE, DISSOLVED (UG/L AS MN)	22.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	1065	NICKEL, DISSOLVED (UG/L AS NI)	5.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	1075	SILVER, DISSOLVED (UG/L AS AG)	5.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	1080	STRONTIUM, DISSOLVED (UG/L AS SR)	31.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	1090	ZINC, DISSOLVED (UG/L AS ZN)	5.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	1145	SELENIUM, DISSOLVED (UG/L AS SE)	3.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	4254	METALAXYL, TOTAL, WATER UG/L	0.50
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	4255	BICARBONATE ALKALINITY(CAC03),DISSOLVED,WATER MG/L	5.80
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	4257	ALDICARB SULFONE, TOTAL, WATER UG/L	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	4258	HYDROXYCARBOFURAN, 3-, TOTAL, WATER UG/L	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	4260	ALDICARB SULFOXIDE, TOTAL, WATER UG/L	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	0.50
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	0.50
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	32104	BROMOFORM,WHOLE WATER,UG/L	0.50
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	0.50
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	32106	CHLOROFORM,WHOLE WATER,UG/L	0.50
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34200	ACENAPHTHYLENE TOTWUG/L	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34205	ACENAPHTHENE TOTWUG/L	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34220	ANTHRACENE TOTWUG/L	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34247	BENZO-A-PYRENE TOTWUG/L	4.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	0.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34301	CHLOROBENZENE TOTWUG/L	0.50
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34311	CHLOROETHANE TOTWUG/L	0.50
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34336	DIETHYL PHTHALATE TOTWUG/L	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34341	DIMETHYL PHTHALATE TOTWUG/L	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34351	ENDOSULFAN SULFATE TOTWUG/L	8.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34356	ENDOSULFAN, BETA TOTWUG/L	0.01
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34361	ENDOSULFAN, ALPHA TOTWUG/L	0.01
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34366	ENDRIN ALDEHYDE TOTWUG/L	8.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34371	ETHYLBENZENE TOTWUG/L	0.50
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34376	FLUORANTHENE TOTWUG/L	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34391	HEXACHLOROBUTADIENE TOTWUG/L	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34396	HEXACHLOROETHANE TOTWUG/L	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	5.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34408	ISOPHORONE TOTWUG/L	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34418	METHYL CHLORIDE TOTWUG/L	0.50
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34423	METHYLENE CHLORIDE TOTWUG/L	0.50
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34447	NITROBENZENE TOTWUG/L	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34452	PARACHLOROMETA CRESOL TOTWUG/L	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34461	PHENANTHRENE TOTWUG/L	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34475	TETRACHLOROETHYLENE TOTWUG/L	0.50
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34496	1,1-DICHLOROETHANE TOTWUG/L	0.50
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34501	1,1-DICHLOROETHYLENE TOTWUG/L	0.50
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	0.50
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	0.50

21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	0.50
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	5.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	5.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34531	1,2-DICHLOROETHANE TOTWUG/L	0.50
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34536	1,2-DICHLOROBENZENE TOTWUG/L	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34541	1,2-DICHLOROPROPANE TOTWUG/L	0.50
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	0.50
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34561	1,3-DICHLOROPROPENE TOTWUG/L	0.50
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34566	1,3-DICHLOROBENZENE TOTWUG/L	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34571	1,4-DICHLOROBENZENE TOTWUG/L	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	0.50
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34581	2-CHLORONAPHTHALENE TOTWUG/L	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34586	2-CHLOROPHENOL TOTWUG/L	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34591	2-NITROPHENOL TOTWUG/L	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34601	2,4-DICHLOROPHENOL TOTWUG/L	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34606	2,4-DIMETHYLPHENOL TOTWUG/L	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34611	2,4-DINITROTOLUENE TOTWUG/L	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34616	2,4-DINITROPHENOL TOTWUG/L	15.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34626	2,6-DINITROTOLUENE TOTWUG/L	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	5.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34646	4-NITROPHENOL TOTWUG/L	15.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	15.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34671	PCB - 1016 TOTWUG/L	1000.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	34696	NAPHTHALENE TOTWUG/L	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	38537	PROPOXUR WATER, TOTUG/L	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	38745	2,4-DB WATER, TOTUG/L	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	38760	DBCP WATER, TOTUG/L	0.02
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	38815	HEXAZINONE WATER, TOTUG/L	0.10
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	38855	NALED WATER, TOTUG/L	0.20
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	38892	TRIADIMEFON WATER, TOTUG/L	0.20
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	38929	FENAMIPHOS(NEMACUR) WHOLE WATER SAMPLE UG/L	0.04
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	39033	ATRAZINE IN WHOLE WATER SAMPLE UG/L	0.03
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	39051	METHOMYL IN WHOLE WATER (UG/L)	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	39053	ALDICARB IN WHOLE WATER (UG/L)	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	39055	SIMAZINE IN WHOLE WATER (UG/L)	0.03
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	39057	PROMETRYNE IN WHOLE WATER (UG/L)	0.04
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	0.50
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	0.50
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	0.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	8.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	0.01
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	8.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	8.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	0.01
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	8.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	0.50
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	8.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	0.02
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	0.50
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	8.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	8.00

21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	39460	CHLOROBENZILATE IN WHOLE WATER SAMPLE (UG/L)	0.10
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	1000.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	1000.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	1000.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	1000.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	1000.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	1000.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	0.03
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	39610	PHOSDRIN IN WHOLE WATER SAMPLE (UG/L)	0.10
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	39650	DIURON IN WHOLE WATER SAMPLE (UG/L)	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	39720	PICLORAM IN WHOLE WATER SAMPLE (UG/L)	0.02
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	0.10
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	40.11
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	72109	DEPTH TO WATER LEVEL FROM A MEASURING POINT (FEET)	9.77
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	73675	VOL OF H20 EVACUATED FRM WELL PRIORTO SAMPLEGALLON	50.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	77548	CHLOROPICRIN WHOLE WATER,UG/L	0.02
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	0.02
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	77700	CARBARYL WHOLE WATER,UG/L	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	77825	ALACHLOR WHOLE WATER,UG/L	0.20
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	77969	CHLOROPYRIFOS IN WATER UG/L	0.01
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	78064	NORFLURAZON IN WATER UG/L	0.20
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	0.50
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	0.50
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	78917	ISOPHENPHOS, WHOLE WATER UG/L	0.04
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	81405	CARBOFURAN (EURADAN) WHOLE WATER SAMPLE UG/L	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	81408	METRIBUZIN (SENCOR), WATER, WHOLE UG/L	0.05
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	81551	XYLENE WHL WATER SMPL UG/L	0.50
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	81758	ETHOPROP IN THE WHOLE WATER SAMPLE UG/L	0.02
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	81888	DISULFOTON IN WHOLE WATER SAMPLE UG/L	0.04
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	82052	BANVEL (DICAMBA) WHOLE WATER,UG/L	5.00
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	82088	TERBUFOS (COUNTER) TOTAL WHOLE WATER,UG/L	0.02
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	82198	BROMACIL (HYVAR) IN WATER UG/L	0.20
21FLGW	280305082300501	28.051667	82.498333	G	14223187	5-Feb-91	1300	82514	MEASURING POINT ELEVATION (FEET)	48.95
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	10	TEMPERATURE, WATER (DEGREES CENTIGRADE)	24.90
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	76	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	4.20
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	90	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	-55.70
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	94	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	146.00
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	95	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	140.00
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	299	OXYGEN ,DISSOLVED, ANALYSIS BY PROBE MG/L	0.20
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	2.38
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	406	PH, FIELD, STANDARD UNITS SU	5.12
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	0.05
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	612	AMMONIA, UNIONZED (MG/L AS N)	0.00
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	619	AMMONIA, UNIONIZED (CALC FR TEMP-PH-NH4) (MG/L)	0.00
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	0.13
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	0.01
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	666	PHOSPHORUS, DISSOLVED (MG/L AS P)	0.01
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	0.02
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	680	CARBON, TOTAL ORGANIC (MG/L AS C)	1.50
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	745	SULFIDE, TOTAL (MG/L AS S)	0.05
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	915	CALCIUM, DISSOLVED (MG/L AS CA)	7.68
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	925	MAGNESIUM, DISSOLVED (MG/L AS MG)	0.90
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	930	SODIUM, DISSOLVED (MG/L AS NA)	14.70
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	935	POTASSIUM, DISSOLVED (MG/L AS K)	3.91
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	941	CHLORIDE, DISSOLVED IN WATER MG/L	17.00
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	946	SULFATE, DISSOLVED (MG/L AS SO4)	34.00

21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	950	FLUORIDE, DISSOLVED (MG/L AS F)	0.10
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	955	SILICA, DISSOLVED (MG/L AS SI02)	1.10
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	1002	ARSENIC, TOTAL (UG/L AS AS)	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	1005	BARIUM, DISSOLVED (UG/L AS BA)	19.50
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	1007	BARIUM, TOTAL (UG/L AS BA)	18.90
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	1010	BERYLLIUM, DISSOLVED (UG/L AS BE)	0.30
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	1012	BERYLLIUM, TOTAL (UG/L AS BE)	0.50
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	1025	CADMIUM, DISSOLVED (UG/L AS CD)	0.10
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	1027	CADMIUM, TOTAL (UG/L AS CD)	0.10
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	1034	CHROMIUM, TOTAL (UG/L AS CR)	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	1040	COPPER, DISSOLVED (UG/L AS CU)	0.60
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	1042	COPPER, TOTAL (UG/L AS CU)	0.50
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	1045	IRON, TOTAL (UG/L AS FE)	52.00
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	1046	IRON, DISSOLVED (UG/L AS FE)	17.00
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	1049	LEAD, DISSOLVED (UG/L AS PB)	0.30
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	1051	LEAD, TOTAL (UG/L AS PB)	0.53
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	1055	MANGANESE, TOTAL (UG/L AS MN)	9.00
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	1056	MANGANESE, DISSOLVED (UG/L AS MN)	9.00
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	1057	THALLIUM, DISSOLVED (UG/L AS TL)	0.03
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	1059	THALLIUM, TOTAL (UG/L AS TL)	0.02
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	1065	NICKEL, DISSOLVED (UG/L AS NI)	3.00
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	1067	NICKEL, TOTAL (UG/L AS NI)	4.00
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	1077	SILVER, TOTAL (UG/L AS AG)	0.04
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	1080	STRONTIUM, DISSOLVED (UG/L AS SR)	17.00
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	1082	STRONTIUM, TOTAL (UG/L AS SR)	18.00
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	1085	VANADIUM, DISSOLVED (UG/L AS V)	3.00
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	1087	VANADIUM, TOTAL (UG/L AS V)	2.00
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	1090	ZINC, DISSOLVED (UG/L AS ZN)	13.00
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	1092	ZINC, TOTAL (UG/L AS ZN)	6.00
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	1095	ANTIMONY, DISSOLVED (UG/L AS SB)	0.20
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	1097	ANTIMONY, TOTAL (UG/L AS SB)	0.20
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	1105	ALUMINUM, TOTAL (UG/L AS AL)	408.00
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	1106	ALUMINUM, DISSOLVED (UG/L AS AL)	141.00
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	1147	SELENIUM, TOTAL (UG/L AS SE)	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	29801	ALKALINITY,WATR,DISS.,FIX END PT,LAB,AS CACO3,MG/L	1.00
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	22.88
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	71900	MERCURY, TOTAL (UG/L AS HG)	0.10
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	72109	DEPTH TO WATER LEVEL FROM A MEASURING POINT (FEET)	8.35
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	73675	VOL OF H20 EVACUATED FRM WELL PRIORTO SAMPLEGALLON	18.00
21FLGW	280305082300501	28.051667	82.498333	G	14223188	18-Jun-96	1300	82514	MEASURING POINT ELEVATION (FEET)	48.95
21FLGW	280305082300502	28.051667	82.498333	G	14223189	1-Jun-84	1200	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	45.90
21FLGW	280305082300502	28.051667	82.498333	G	14223189	1-Jun-84	1200	72008	DEPTH, TOTAL OF WELL (FT BELOW LAND SURFACE DATUM)	54.00
21FLGW	280305082300502	28.051667	82.498333	G	14223189	1-Jun-84	1200	73665	BOTTOM OF CASING SEGMENT BELOW LSD FEET	44.00
21FLGW	280305082300502	28.051667	82.498333	G	14223189	1-Jun-84	1200	82509	SCREENED INTERVAL (FEET)	10.00
21FLGW	280305082300502	28.051667	82.498333	G	14223189	1-Jun-84	1200	82513	CASING DIAMETER (INCHES)	4.00
21FLGW	280305082300502	28.051667	82.498333	G	14223189	1-Jun-84	1200	82514	MEASURING POINT ELEVATION (FEET)	47.72
21FLGW	280305082300502	28.051667	82.498333	G	14223189	1-Jun-84	1200	84055	AVAILABLE LOGS ALPHA-NUMERIC CODE	D
21FLGW	280305082300502	28.051667	82.498333	G	14223189	1-Jun-84	1200	84061	WELL USE ALPHA-NUMERIC CODE	MONWQ
21FLGW	280305082300502	28.051667	82.498333	G	14223189	1-Jun-84	1200	84063	DRILLING METHOD ALPHA-NUMERIC CODE	HYDRT
21FLGW	280305082300502	28.051667	82.498333	G	14223189	1-Jun-84	1200	84113	WELL INTAKE FINISH CODE	OPNHL
21FLGW	280305082300502	28.051667	82.498333	G	14223189	1-Jun-84	1200	84114	WELL CASING MATERIAL CODE	X
21FLGW	280305082300502	28.051667	82.498333	G	14223190	2-Feb-90	1320	10	TEMPERATURE, WATER (DEGREES CENTIGRADE)	24.00
21FLGW	280305082300502	28.051667	82.498333	G	14223190	2-Feb-90	1320	94	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	300.00
21FLGW	280305082300502	28.051667	82.498333	G	14223190	2-Feb-90	1320	406	PH, FIELD, STANDARD UNITS SU	7.65
21FLGW	280305082300502	28.051667	82.498333	G	14223190	2-Feb-90	1320	72109	DEPTH TO WATER LEVEL FROM A MEASURING POINT (FEET)	20.78
21FLGW	280305082300502	28.051667	82.498333	G	14223190	2-Feb-90	1320	73675	VOL OF H20 EVACUATED FRM WELL PRIORTO SAMPLEGALLON	80.00
21FLGW	280305082300502	28.051667	82.498333	G	14223190	2-Feb-90	1320	82514	MEASURING POINT ELEVATION (FEET)	47.72
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	0.08

21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	0.36
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	0.13
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	680	CARBON, TOTAL ORGANIC (MG/L AS C)	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	723	CYANIDE, DISSOLVED STD METHOD (UG/L)	0.01
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	915	CALCIUM, DISSOLVED (MG/L AS CA)	47.10
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1.70
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	930	SODIUM, DISSOLVED (MG/L AS NA)	8.70
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	935	POTASSIUM, DISSOLVED (MG/L AS K)	7.10
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	941	CHLORIDE, DISSOLVED IN WATER MG/L	8.80
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	946	SULFATE, DISSOLVED (MG/L AS SO4)	5.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	950	FLUORIDE, DISSOLVED (MG/L AS F)	0.20
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	1000	ARSENIC, DISSOLVED (UG/L AS AS)	3.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	1005	BARIUM, DISSOLVED (UG/L AS BA)	30.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	1025	CADMIUM, DISSOLVED (UG/L AS CD)	0.20
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	1030	CHROMIUM, DISSOLVED (UG/L AS CR)	10.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	1040	COPPER, DISSOLVED (UG/L AS CU)	5.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	1046	IRON, DISSOLVED (UG/L AS FE)	88.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	1049	LEAD, DISSOLVED (UG/L AS PB)	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	1056	MANGANESE, DISSOLVED (UG/L AS MN)	7.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	1065	NICKEL, DISSOLVED (UG/L AS NI)	5.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	1075	SILVER, DISSOLVED (UG/L AS AG)	0.30
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	1080	STRONTIUM, DISSOLVED (UG/L AS SR)	186.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	1090	ZINC, DISSOLVED (UG/L AS ZN)	4.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	1145	SELENIUM, DISSOLVED (UG/L AS SE)	3.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	4253	METHYLISOTHIOCYANATE, TOTAL, WATER UG/L	75.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	4254	METALAXYL, TOTAL, WATER UG/L	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	4255	BICARBONATE ALKALINITY(CAC03),DISSOLVED,WATER MG/L	130.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	4256	CARBONATE ALKALINITY(CACO3),DISSOLVED,WATER MG/L	24.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	4257	ALDICARB SULFONE, TOTAL, WATER UG/L	0.50
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	4258	HYDROXYCARBOFURAN, 3-, TOTAL, WATER UG/L	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	4260	ALDICARB SULFOXIDE, TOTAL, WATER UG/L	0.50
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	32104	BROMOFORM,WHOLE WATER,UG/L	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	32106	CHLOROFORM,WHOLE WATER,UG/L	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34200	ACENAPHTHYLENE TOTWUG/L	10.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34205	ACENAPHTHENE TOTWUG/L	10.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34220	ANTHRACENE TOTWUG/L	10.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	10.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	10.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34247	BENZO-A-PYRENE TOTWUG/L	10.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	0.01
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	10.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	20.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	20.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	10.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34301	CHLOROBENZENE TOTWUG/L	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34311	CHLOROETHANE TOTWUG/L	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34320	CHRYSENE TOTWUG/L	10.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34336	DIETHYL PHTHALATE TOTWUG/L	10.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34341	DIMETHYL PHTHALATE TOTWUG/L	10.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	10.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34351	ENDOSULFAN SULFATE TOTWUG/L	0.10
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34356	ENDOSULFAN, BETA TOTWUG/L	0.05
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34361	ENDOSULFAN, ALPHA TOTWUG/L	0.02
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34371	ETHYLBENZENE TOTWUG/L	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34376	FLUORANTHENE TOTWUG/L	10.00

21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34381	FLUORENE TOTWUG/L	10.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	10.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34391	HEXACHLOROBUTADIENE TOTWUG/L	10.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34396	HEXACHLOROETHANE TOTWUG/L	60.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	10.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34408	ISOPHORONE TOTWUG/L	10.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34413	METHYL BROMIDE TOTWUG/L	5.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34418	METHYL CHLORIDE TOTWUG/L	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34423	METHYLENE CHLORIDE TOTWUG/L	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	10.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	160.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34447	NITROBENZENE TOTWUG/L	10.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34461	PHENANTHRENE TOTWUG/L	10.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34469	PYRENE TOTWUG/L	10.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34475	TETRACHLOROETHYLENE TOTWUG/L	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34496	1,1-DICHLOROETHANE TOTWUG/L	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34501	1,1-DICHLOROETHYLENE TOTWUG/L	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	20.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	10.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34531	1,2-DICHLOROETHANE TOTWUG/L	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34536	1,2-DICHLOROBENZENE TOTWUG/L	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34541	1,2-DICHLOROPROPANE TOTWUG/L	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	10.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	25.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34561	1,3-DICHLOROPROPENE TOTWUG/L	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34566	1,3-DICHLOROBENZENE TOTWUG/L	10.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34571	1,4-DICHLOROBENZENE TOTWUG/L	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34581	2-CHLORONAPHTHALENE TOTWUG/L	10.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34586	2-CHLOROPHENOL TOTWUG/L	20.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34591	2-NITROPHENOL TOTWUG/L	30.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	10.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34601	2,4-DICHLOROPHENOL TOTWUG/L	20.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34606	2,4-DIMETHYLPHENOL TOTWUG/L	20.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34611	2,4-DINITROTOLUENE TOTWUG/L	10.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34616	2,4-DINITROPHENOL TOTWUG/L	30.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	20.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34626	2,6-DINITROTOLUENE TOTWUG/L	10.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	10.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	10.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	10.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34646	4-NITROPHENOL TOTWUG/L	50.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	30.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34671	PCB - 1016 TOTWUG/L	0.50
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	20.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	34696	NAPHTHALENE TOTWUG/L	10.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	38537	PROPOXUR WATER, TOTUG/L	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	38745	2,4-DB WATER, TOTUG/L	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	38760	DBCP WATER, TOTUG/L	0.02
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	38815	HEXAZINONE WATER, TOTUG/L	0.50
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	38855	NALED WATER, TOTUG/L	0.10
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	38865	OXAMYL WATER, TOTUG/L	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	38892	TRIADIMEFON WATER, TOTUG/L	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	38927	METHAMIDOPHOS(MONITOR) WHOLE WATER SAMPLE UG/L	2.00

21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	38929	FENAMIPHOS(NEMACUR) WHOLE WATER SAMPLE UG/L	0.50
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	39002	BENEFIN,ELECTRONCAPTURE, WATER SAMPLE (UG/L)	0.01
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	30.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	39033	ATRAZINE IN WHOLE WATER SAMPLE UG/L	0.10
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	39051	METHOMYL IN WHOLE WATER (UG/L)	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	39053	ALDICARB IN WHOLE WATER (UG/L)	0.50
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	39055	SIMAZINE IN WHOLE WATER (UG/L)	0.20
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	39057	PROMETRYNE IN WHOLE WATER (UG/L)	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	10.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	10.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	10.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	0.05
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	0.02
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	0.02
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	0.01
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	0.01
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	0.01
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	0.10
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	0.02
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	0.05
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	39460	CHLOROBENZILATE IN WHOLE WATER SAMPLE (UG/L)	0.20
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	0.50
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	0.50
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	0.50
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	0.50
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	0.50
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	0.50
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	0.05
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	39610	PHOSDRIN IN WHOLE WATER SAMPLE (UG/L)	0.01
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	39650	DIURON IN WHOLE WATER SAMPLE (UG/L)	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	20.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	39720	PICLORAM IN WHOLE WATER SAMPLE (UG/L)	0.02
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	0.10
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	39780	DICOFOL IN WHOLE WATER SAMPLE (UG/L)	0.02
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	45638	DICHLOROPROPANE, 1,1,1- , WATER, WHOLE UG/L	0.50
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	46491	METHYL TERTIARY BUTYL ETHER(MTBE),TOTAL,WATER UG/L	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	124.61
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	160.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	70314	DACONIL(C8CL4N2) IN WATER UG/L	0.01
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	71890	MERCURY, DISSOLVED (UG/L AS HG)	0.20
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	77128	STYRENE WHOLE WATER,UG/L	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	77548	CHLOROPICRIN WHOLE WATER,UG/L	0.01
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	0.02
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	77700	CARBARYL WHOLE WATER,UG/L	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	77825	ALACHLOR WHOLE WATER,UG/L	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	77969	CHLOROPYRIFOS IN WATER UG/L	0.01
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	77970	CHLOROTOLUENE IN WATER UG/L	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	78064	NORFLURAZON IN WATER UG/L	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	78917	ISOPHENPHOS, WHOLE WATER UG/L	0.20
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	79190	PENDIMETHALIN, WATER, WHOLE UG/L	2.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	79191	PERMETHRIN IN WHOLE WATER UG/L	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	81284	TRIFLURALIN(C13H16F3N3O4) WHOLE WATER SAMPLE UG/L	0.01
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	81405	CARBOFURAN (EURADAN) WHOLE WATER SAMPLE UG/L	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	81408	METRIBUZIN (SENCOR), WATER, WHOLE UG/L	0.50

21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	81551	XYLENE WHL WATER SMPL UG/L	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	81686	CIS-1,2-DICHLOROETHENE IN WHOLE WATER SAMPLE MG/L	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	81758	ETHOPROP IN THE WHOLE WATER SAMPLE UG/L	0.01
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	81888	DISULFOTON IN WHOLE WATER SAMPLE UG/L	0.05
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	82052	BANVEL (DICAMBA) WHOLE WATER,UG/L	5.00
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	82088	TERBUFOS (COUNTER) TOTAL WHOLE WATER,UG/L	0.50
21FLGW	280305082300502	28.051667	82.498333	G	14223191	2-Mar-90	1320	82198	BROMACIL (HYVAR) IN WATER UG/L	2.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	10	TEMPERATURE, WATER (DEGREES CENTIGRADE)	24.50
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	94	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	300.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	406	PH, FIELD, STANDARD UNITS SU	7.49
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	0.13
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	612	AMMONIA, UNIONZED (MG/L AS N)	0.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	619	AMMONIA, UNIONIZED (CALC FR TEMP-PH-NH4) (MG/L)	0.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	0.05
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	0.16
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	680	CARBON, TOTAL ORGANIC (MG/L AS C)	2.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	915	CALCIUM, DISSOLVED (MG/L AS CA)	51.40
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1.80
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	930	SODIUM, DISSOLVED (MG/L AS NA)	6.90
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	935	POTASSIUM, DISSOLVED (MG/L AS K)	2.90
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	941	CHLORIDE, DISSOLVED IN WATER MG/L	11.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	946	SULFATE, DISSOLVED (MG/L AS SO4)	11.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	950	FLUORIDE, DISSOLVED (MG/L AS F)	0.33
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	955	SILICA, DISSOLVED (MG/L AS SI02)	12.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	1000	ARSENIC, DISSOLVED (UG/L AS AS)	20.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	1005	BARIUM, DISSOLVED (UG/L AS BA)	27.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	1025	CADMIUM, DISSOLVED (UG/L AS CD)	0.10
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	1030	CHROMIUM, DISSOLVED (UG/L AS CR)	10.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	1040	COPPER, DISSOLVED (UG/L AS CU)	5.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	1046	IRON, DISSOLVED (UG/L AS FE)	144.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	1049	LEAD, DISSOLVED (UG/L AS PB)	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	1056	MANGANESE, DISSOLVED (UG/L AS MN)	8.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	1065	NICKEL, DISSOLVED (UG/L AS NI)	5.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	1075	SILVER, DISSOLVED (UG/L AS AG)	3.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	1080	STRONTIUM, DISSOLVED (UG/L AS SR)	158.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	1090	ZINC, DISSOLVED (UG/L AS ZN)	5.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	1145	SELENIUM, DISSOLVED (UG/L AS SE)	3.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	4254	METALAXYL, TOTAL, WATER UG/L	0.50
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	4255	BICARBONATE ALKALINITY(CAC03),DISSOLVED,WATER MG/L	120.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	4257	ALDICARB SULFONE, TOTAL, WATER UG/L	2.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	4258	HYDROXYCARBOFURAN, 3-, TOTAL, WATER UG/L	2.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	4260	ALDICARB SULFOXIDE, TOTAL, WATER UG/L	2.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	0.50
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	0.50
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	32104	BROMOFORM,WHOLE WATER,UG/L	0.50
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	0.50
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	32106	CHLOROFORM,WHOLE WATER,UG/L	0.50
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34200	ACENAPHTHYLENE TOTWUG/L	2.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34205	ACENAPHTHENE TOTWUG/L	2.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34220	ANTHRACENE TOTWUG/L	2.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	2.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	2.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34247	BENZO-A-PYRENE TOTWUG/L	4.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	0.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	2.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	2.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	2.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34301	CHLOROBENZENE TOTWUG/L	0.50

21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34311	CHLOROETHANE TOTWUG/L	0.50
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34336	DIETHYL PHTHALATE TOTWUG/L	2.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34341	DIMETHYL PHTHALATE TOTWUG/L	2.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34351	ENDOSULFAN SULFATE TOTWUG/L	8.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34356	ENDOSULFAN, BETA TOTWUG/L	0.01
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34361	ENDOSULFAN, ALPHA TOTWUG/L	0.01
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34366	ENDRIN ALDEHYDE TOTWUG/L	8.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34371	ETHYLBENZENE TOTWUG/L	0.50
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34376	FLUORANTHENE TOTWUG/L	2.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34391	HEXACHLOROBUTADIENE TOTWUG/L	2.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34396	HEXACHLOROETHANE TOTWUG/L	2.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	5.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34408	ISOPHORONE TOTWUG/L	2.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34418	METHYL CHLORIDE TOTWUG/L	0.50
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34423	METHYLENE CHLORIDE TOTWUG/L	0.50
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	2.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34447	NITROBENZENE TOTWUG/L	2.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34452	PARACHLOROMETA CRESOL TOTWUG/L	2.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34461	PHENANTHRENE TOTWUG/L	2.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34475	TETRACHLOROETHYLENE TOTWUG/L	0.50
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34496	1,1-DICHLOROETHANE TOTWUG/L	0.50
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34501	1,1-DICHLOROETHYLENE TOTWUG/L	0.50
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	0.50
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	0.50
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	0.50
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	5.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	5.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34531	1,2-DICHLOROETHANE TOTWUG/L	0.50
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34536	1,2-DICHLOROBENZENE TOTWUG/L	2.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34541	1,2-DICHLOROPROPANE TOTWUG/L	0.50
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	0.50
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	2.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34561	1,3-DICHLOROPROPENE TOTWUG/L	0.50
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34566	1,3-DICHLOROBENZENE TOTWUG/L	2.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34571	1,4-DICHLOROBENZENE TOTWUG/L	2.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	0.50
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34581	2-CHLORONAPHTHALENE TOTWUG/L	2.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34586	2-CHLOROPHENOL TOTWUG/L	2.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34591	2-NITROPHENOL TOTWUG/L	2.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	2.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34601	2,4-DICHLOROPHENOL TOTWUG/L	2.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34606	2,4-DIMETHYLPHENOL TOTWUG/L	2.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34611	2,4-DINITROTOLUENE TOTWUG/L	2.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34616	2,4-DINITROPHENOL TOTWUG/L	15.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	2.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34626	2,6-DINITROTOLUENE TOTWUG/L	2.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	5.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	2.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	2.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34646	4-NITROPHENOL TOTWUG/L	15.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	15.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34671	PCB - 1016 TOTWUG/L	1000.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	34696	NAPHTHALENE TOTWUG/L	2.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	38537	PROPOXUR WATER, TOTUG/L	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	38745	2,4-DB WATER, TOTUG/L	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	38760	DBCP WATER, TOTUG/L	0.02
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	38815	HEXAZINONE WATER, TOTUG/L	0.10
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	38855	NALED WATER, TOTUG/L	0.20

21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	38892	TRIADIMEFON WATER, TOTUG/L	0.20
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	38929	FENAMIPHOS(NEMACUR) WHOLE WATER SAMPLE UG/L	0.04
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	39033	ATRAZINE IN WHOLE WATER SAMPLE UG/L	0.03
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	39051	METHOMYL IN WHOLE WATER (UG/L)	2.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	39053	ALDICARB IN WHOLE WATER (UG/L)	2.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	39055	SIMAZINE IN WHOLE WATER (UG/L)	0.03
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	39057	PROMETRYNE IN WHOLE WATER (UG/L)	0.04
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	2.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	2.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	0.50
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	0.50
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	0.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	0.01
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	0.01
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	8.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	8.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	0.01
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	8.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	0.50
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	0.01
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	0.02
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	0.50
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	8.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	8.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	39460	CHLOROBENZILATE IN WHOLE WATER SAMPLE (UG/L)	0.10
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	1000.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	1000.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	1000.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	1000.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	1000.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	1000.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	0.03
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	39610	PHOSDRIN IN WHOLE WATER SAMPLE (UG/L)	0.10
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	39650	DIURON IN WHOLE WATER SAMPLE (UG/L)	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	2.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	39720	PICLORAM IN WHOLE WATER SAMPLE (UG/L)	0.02
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	0.10
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	135.76
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	72109	DEPTH TO WATER LEVEL FROM A MEASURING POINT (FEET)	22.46
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	73675	VOL OF H20 EVACUATED FRM WELL PRIORTO SAMPLEGALLON	130.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	77548	CHLOROPICRIN WHOLE WATER,UG/L	0.02
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	0.02
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	77700	CARBARYL WHOLE WATER,UG/L	2.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	77825	ALACHLOR WHOLE WATER,UG/L	0.20
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	77969	CHLOROPYRIFOS IN WATER UG/L	0.01
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	78064	NORFLURAZON IN WATER UG/L	0.20
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	0.50
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	0.50
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	78917	ISOPHENPHOS, WHOLE WATER UG/L	0.04
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	81405	CARBOFURAN (EURADAN) WHOLE WATER SAMPLE UG/L	2.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	81408	METRIBUZIN (SENCOR), WATER, WHOLE UG/L	0.05
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	81551	XYLENE WHL WATER SMPL UG/L	0.50
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	81758	ETHOPROP IN THE WHOLE WATER SAMPLE UG/L	0.02
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	81888	DISULFOTON IN WHOLE WATER SAMPLE UG/L	0.04
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	82052	BANVEL (DICAMBA) WHOLE WATER,UG/L	5.00
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	82088	TERBUFOS (COUNTER) TOTAL WHOLE WATER,UG/L	0.02
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	82198	BROMACIL (HYVAR) IN WATER UG/L	0.20
21FLGW	280305082300502	28.051667	82.498333	G	14223192	5-Feb-91	1415	82514	MEASURING POINT ELEVATION (FEET)	47.72

21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	10	TEMPERATURE, WATER (DEGREES CENTIGRADE)	24.90
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	76	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	2.30
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	90	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	-121.00
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	94	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	333.00
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	95	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	270.00
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	299	OXYGEN ,DISSOLVED, ANALYSIS BY PROBE MG/L	0.20
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	2.38
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	406	PH, FIELD, STANDARD UNITS SU	7.45
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	0.05
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	612	AMMONIA, UNIONZED (MG/L AS N)	0.00
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	619	AMMONIA, UNIONIZED (CALC FR TEMP-PH-NH4) (MG/L)	0.00
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	0.09
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	0.10
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	666	PHOSPHORUS, DISSOLVED (MG/L AS P)	0.11
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	0.10
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	680	CARBON, TOTAL ORGANIC (MG/L AS C)	1.60
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	2.00
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	745	SULFIDE, TOTAL (MG/L AS S)	0.05
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	915	CALCIUM, DISSOLVED (MG/L AS CA)	51.70
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1.91
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	930	SODIUM, DISSOLVED (MG/L AS NA)	5.80
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	935	POTASSIUM, DISSOLVED (MG/L AS K)	1.60
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	941	CHLORIDE, DISSOLVED IN WATER MG/L	10.00
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	946	SULFATE, DISSOLVED (MG/L AS SO4)	7.70
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	950	FLUORIDE, DISSOLVED (MG/L AS F)	0.14
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	955	SILICA, DISSOLVED (MG/L AS SI02)	13.00
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	1002	ARSENIC, TOTAL (UG/L AS AS)	2.00
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	1005	BARIUM, DISSOLVED (UG/L AS BA)	73.80
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	1007	BARIUM, TOTAL (UG/L AS BA)	69.70
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	1010	BERYLLIUM, DISSOLVED (UG/L AS BE)	0.30
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	1012	BERYLLIUM, TOTAL (UG/L AS BE)	0.50
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	1025	CADMIUM, DISSOLVED (UG/L AS CD)	0.03
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	1027	CADMIUM, TOTAL (UG/L AS CD)	0.10
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	1034	CHROMIUM, TOTAL (UG/L AS CR)	2.00
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	1040	COPPER, DISSOLVED (UG/L AS CU)	0.50
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	1042	COPPER, TOTAL (UG/L AS CU)	0.60
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	1045	IRON, TOTAL (UG/L AS FE)	67.00
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	1046	IRON, DISSOLVED (UG/L AS FE)	53.00
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	1049	LEAD, DISSOLVED (UG/L AS PB)	0.30
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	1051	LEAD, TOTAL (UG/L AS PB)	0.30
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	1055	MANGANESE, TOTAL (UG/L AS MN)	3.00
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	1056	MANGANESE, DISSOLVED (UG/L AS MN)	3.00
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	1057	THALLIUM, DISSOLVED (UG/L AS TL)	0.02
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	1059	THALLIUM, TOTAL (UG/L AS TL)	0.02
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	1065	NICKEL, DISSOLVED (UG/L AS NI)	3.00
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	1067	NICKEL, TOTAL (UG/L AS NI)	4.00
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	1077	SILVER, TOTAL (UG/L AS AG)	0.04
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	1080	STRONTIUM, DISSOLVED (UG/L AS SR)	618.00
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	1082	STRONTIUM, TOTAL (UG/L AS SR)	564.00
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	1085	VANADIUM, DISSOLVED (UG/L AS V)	5.00
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	1087	VANADIUM, TOTAL (UG/L AS V)	5.00
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	1090	ZINC, DISSOLVED (UG/L AS ZN)	6.00
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	1092	ZINC, TOTAL (UG/L AS ZN)	4.00
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	1097	ANTIMONY, TOTAL (UG/L AS SB)	0.20
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	1105	ALUMINUM, TOTAL (UG/L AS AL)	180.00
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	1106	ALUMINUM, DISSOLVED (UG/L AS AL)	186.00
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	1147	SELENIUM, TOTAL (UG/L AS SE)	1.00
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	29801	ALKALINITY,WATR,DISS.,FIX END PT,LAB,AS CACO3,MG/L	123.00

21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	136.96
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	71900	MERCURY, TOTAL (UG/L AS HG)	0.10
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	72109	DEPTH TO WATER LEVEL FROM A MEASURING POINT (FEET)	20.89
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	73675	VOL OF H20 EVACUATED FRM WELL PRIORTO SAMPLEGALLON	72.00
21FLGW	280305082300502	28.051667	82.498333	G	14223193	18-Jun-96	1500	82514	MEASURING POINT ELEVATION (FEET)	47.72
21FLA	24030753	28.051111	82.504167	G	13875861	20-Oct-81	1200	27	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	8082.00
21FLA	24030753	28.051111	82.504167	G	13875861	20-Oct-81	1200	80	COLOR (PLATINUM-COBALT UNITS)	7.00
21FLA	24030753	28.051111	82.504167	G	13875861	20-Oct-81	1200	85	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	2.00
21FLA	24030753	28.051111	82.504167	G	13875861	20-Oct-81	1200	403	PH, LAB, STANDARD UNITS SU	7.50
21FLA	24030753	28.051111	82.504167	G	13875861	20-Oct-81	1200	405	CARBON DIOXIDE (MG/L AS CO2)	16.00
21FLA	24030753	28.051111	82.504167	G	13875861	20-Oct-81	1200	410	ALKALINITY, TOTAL (MG/L AS CACO3)	252.00
21FLA	24030753	28.051111	82.504167	G	13875861	20-Oct-81	1200	425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	252.00
21FLA	24030753	28.051111	82.504167	G	13875861	20-Oct-81	1200	515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	229.00
21FLA	24030753	28.051111	82.504167	G	13875861	20-Oct-81	1200	620	NITRATE NITROGEN, TOTAL (MG/L AS N)	0.10
21FLA	24030753	28.051111	82.504167	G	13875861	20-Oct-81	1200	900	HARDNESS, TOTAL (MG/L AS CACO3)	192.00
21FLA	24030753	28.051111	82.504167	G	13875861	20-Oct-81	1200	901	HARDNESS, CARBONATE (MG/L AS CACO3)	192.00
21FLA	24030753	28.051111	82.504167	G	13875861	20-Oct-81	1200	902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	0.00
21FLA	24030753	28.051111	82.504167	G	13875861	20-Oct-81	1200	916	CALCIUM, TOTAL (MG/L AS CA)	73.60
21FLA	24030753	28.051111	82.504167	G	13875861	20-Oct-81	1200	920	MAGNESIUM (MG/L AS CACO3)	8.00
21FLA	24030753	28.051111	82.504167	G	13875861	20-Oct-81	1200	927	MAGNESIUM, TOTAL (MG/L AS MG)	1.90
21FLA	24030753	28.051111	82.504167	G	13875861	20-Oct-81	1200	929	SODIUM, TOTAL (MG/L AS NA)	5.90
21FLA	24030753	28.051111	82.504167	G	13875861	20-Oct-81	1200	940	CHLORIDE,TOTAL IN WATER MG/L	11.00
21FLA	24030753	28.051111	82.504167	G	13875861	20-Oct-81	1200	945	SULFATE, TOTAL (MG/L AS SO4)	1.00
21FLA	24030753	28.051111	82.504167	G	13875861	20-Oct-81	1200	951	FLUORIDE, TOTAL (MG/L AS F)	0.10
21FLA	24030753	28.051111	82.504167	G	13875861	20-Oct-81	1200	1002	ARSENIC, TOTAL (UG/L AS AS)	2.00
21FLA	24030753	28.051111	82.504167	G	13875861	20-Oct-81	1200	1007	BARIUM, TOTAL (UG/L AS BA)	30.00
21FLA	24030753	28.051111	82.504167	G	13875861	20-Oct-81	1200	1027	CADMIUM, TOTAL (UG/L AS CD)	2.00
21FLA	24030753	28.051111	82.504167	G	13875861	20-Oct-81	1200	1034	CHROMIUM, TOTAL (UG/L AS CR)	20.00
21FLA	24030753	28.051111	82.504167	G	13875861	20-Oct-81	1200	1042	COPPER, TOTAL (UG/L AS CU)	10.00
21FLA	24030753	28.051111	82.504167	G	13875861	20-Oct-81	1200	1045	IRON, TOTAL (UG/L AS FE)	60.00
21FLA	24030753	28.051111	82.504167	G	13875861	20-Oct-81	1200	1051	LEAD, TOTAL (UG/L AS PB)	10.00
21FLA	24030753	28.051111	82.504167	G	13875861	20-Oct-81	1200	1055	MANGANESE, TOTAL (UG/L AS MN)	10.00
21FLA	24030753	28.051111	82.504167	G	13875861	20-Oct-81	1200	1077	SILVER, TOTAL (UG/L AS AG)	10.00
21FLA	24030753	28.051111	82.504167	G	13875861	20-Oct-81	1200	1092	ZINC, TOTAL (UG/L AS ZN)	20.00
21FLA	24030753	28.051111	82.504167	G	13875861	20-Oct-81	1200	1147	SELENIUM, TOTAL (UG/L AS SE)	2.00
21FLA	24030753	28.051111	82.504167	G	13875861	20-Oct-81	1200	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	0.00
21FLA	24030753	28.051111	82.504167	G	13875861	20-Oct-81	1200	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	0.00
21FLA	24030753	28.051111	82.504167	G	13875861	20-Oct-81	1200	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	0.00
21FLA	24030753	28.051111	82.504167	G	13875861	20-Oct-81	1200	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	0.00
21FLA	24030753	28.051111	82.504167	G	13875861	20-Oct-81	1200	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	0.00
21FLA	24030753	28.051111	82.504167	G	13875861	20-Oct-81	1200	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	191.60
21FLA	24030753	28.051111	82.504167	G	13875861	20-Oct-81	1200	71875	HYDROGEN SULFIDE (MG/L)	0.70
21FLA	24030753	28.051111	82.504167	G	13875861	20-Oct-81	1200	71900	MERCURY, TOTAL (UG/L AS HG)	0.90
21FLA	24030753	28.051111	82.504167	G	13875861	20-Oct-81	1200	82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	0.10
21FLA	24030753	28.051111	82.504167	G	13875861	20-Oct-81	1200	82368	CALCIUM DISSOLVED IN WATER AS CACO3 MG/L	184.00
21FLA	24030754	28.051111	82.504167	G	13875862	20-Oct-81	1200	27	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	8082.00
21FLA	24030754	28.051111	82.504167	G	13875862	20-Oct-81	1200	80	COLOR (PLATINUM-COBALT UNITS)	8.00
21FLA	24030754	28.051111	82.504167	G	13875862	20-Oct-81	1200	85	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	2.00
21FLA	24030754	28.051111	82.504167	G	13875862	20-Oct-81	1200	403	PH, LAB, STANDARD UNITS SU	7.90
21FLA	24030754	28.051111	82.504167	G	13875862	20-Oct-81	1200	405	CARBON DIOXIDE (MG/L AS CO2)	6.50
21FLA	24030754	28.051111	82.504167	G	13875862	20-Oct-81	1200	410	ALKALINITY, TOTAL (MG/L AS CACO3)	261.00
21FLA	24030754	28.051111	82.504167	G	13875862	20-Oct-81	1200	425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	261.00
21FLA	24030754	28.051111	82.504167	G	13875862	20-Oct-81	1200	515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	237.00
21FLA	24030754	28.051111	82.504167	G	13875862	20-Oct-81	1200	620	NITRATE NITROGEN, TOTAL (MG/L AS N)	0.10
21FLA	24030754	28.051111	82.504167	G	13875862	20-Oct-81	1200	900	HARDNESS, TOTAL (MG/L AS CACO3)	197.00
21FLA	24030754	28.051111	82.504167	G	13875862	20-Oct-81	1200	901	HARDNESS, CARBONATE (MG/L AS CACO3)	197.00
21FLA	24030754	28.051111	82.504167	G	13875862	20-Oct-81	1200	902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	0.00
21FLA	24030754	28.051111	82.504167	G	13875862	20-Oct-81	1200	916	CALCIUM, TOTAL (MG/L AS CA)	74.80

21FLA	24030754	28.051111	82.504167	G	13875862	20-Oct-81	1200	920	MAGNESIUM (MG/L AS CACO3)	10.00
21FLA	24030754	28.051111	82.504167	G	13875862	20-Oct-81	1200	927	MAGNESIUM, TOTAL (MG/L AS MG)	2.40
21FLA	24030754	28.051111	82.504167	G	13875862	20-Oct-81	1200	929	SODIUM, TOTAL (MG/L AS NA)	5.30
21FLA	24030754	28.051111	82.504167	G	13875862	20-Oct-81	1200	940	CHLORIDE,TOTAL IN WATER MG/L	11.00
21FLA	24030754	28.051111	82.504167	G	13875862	20-Oct-81	1200	945	SULFATE, TOTAL (MG/L AS SO4)	1.00
21FLA	24030754	28.051111	82.504167	G	13875862	20-Oct-81	1200	951	FLUORIDE, TOTAL (MG/L AS F)	0.09
21FLA	24030754	28.051111	82.504167	G	13875862	20-Oct-81	1200	1002	ARSENIC, TOTAL (UG/L AS AS)	2.00
21FLA	24030754	28.051111	82.504167	G	13875862	20-Oct-81	1200	1007	BARIUM, TOTAL (UG/L AS BA)	30.00
21FLA	24030754	28.051111	82.504167	G	13875862	20-Oct-81	1200	1027	CADMIUM, TOTAL (UG/L AS CD)	2.00
21FLA	24030754	28.051111	82.504167	G	13875862	20-Oct-81	1200	1034	CHROMIUM, TOTAL (UG/L AS CR)	20.00
21FLA	24030754	28.051111	82.504167	G	13875862	20-Oct-81	1200	1042	COPPER, TOTAL (UG/L AS CU)	10.00
21FLA	24030754	28.051111	82.504167	G	13875862	20-Oct-81	1200	1045	IRON, TOTAL (UG/L AS FE)	140.00
21FLA	24030754	28.051111	82.504167	G	13875862	20-Oct-81	1200	1051	LEAD, TOTAL (UG/L AS PB)	10.00
21FLA	24030754	28.051111	82.504167	G	13875862	20-Oct-81	1200	1055	MANGANESE, TOTAL (UG/L AS MN)	10.00
21FLA	24030754	28.051111	82.504167	G	13875862	20-Oct-81	1200	1077	SILVER, TOTAL (UG/L AS AG)	10.00
21FLA	24030754	28.051111	82.504167	G	13875862	20-Oct-81	1200	1092	ZINC, TOTAL (UG/L AS ZN)	20.00
21FLA	24030754	28.051111	82.504167	G	13875862	20-Oct-81	1200	1147	SELENIUM, TOTAL (UG/L AS SE)	2.00
21FLA	24030754	28.051111	82.504167	G	13875862	20-Oct-81	1200	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	0.00
21FLA	24030754	28.051111	82.504167	G	13875862	20-Oct-81	1200	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	0.00
21FLA	24030754	28.051111	82.504167	G	13875862	20-Oct-81	1200	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	0.00
21FLA	24030754	28.051111	82.504167	G	13875862	20-Oct-81	1200	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	0.00
21FLA	24030754	28.051111	82.504167	G	13875862	20-Oct-81	1200	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	0.00
21FLA	24030754	28.051111	82.504167	G	13875862	20-Oct-81	1200	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	196.66
21FLA	24030754	28.051111	82.504167	G	13875862	20-Oct-81	1200	71875	HYDROGEN SULFIDE (MG/L)	0.30
21FLA	24030754	28.051111	82.504167	G	13875862	20-Oct-81	1200	71900	MERCURY, TOTAL (UG/L AS HG)	0.90
21FLA	24030754	28.051111	82.504167	G	13875862	20-Oct-81	1200	82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	0.51
21FLA	24030754	28.051111	82.504167	G	13875862	20-Oct-81	1200	82368	CALCIUM DISSOLVED IN WATER AS CACO3 MG/L	187.00
21FLA	24030755	28.051111	82.504167	G	13875863	20-Oct-81	1200	27	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	8082.00
21FLA	24030755	28.051111	82.504167	G	13875863	20-Oct-81	1200	80	COLOR (PLATINUM-COBALT UNITS)	7.00
21FLA	24030755	28.051111	82.504167	G	13875863	20-Oct-81	1200	85	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	2.00
21FLA	24030755	28.051111	82.504167	G	13875863	20-Oct-81	1200	403	PH, LAB, STANDARD UNITS SU	7.70
21FLA	24030755	28.051111	82.504167	G	13875863	20-Oct-81	1200	405	CARBON DIOXIDE (MG/L AS CO2)	10.00
21FLA	24030755	28.051111	82.504167	G	13875863	20-Oct-81	1200	410	ALKALINITY, TOTAL (MG/L AS CACO3)	278.00
21FLA	24030755	28.051111	82.504167	G	13875863	20-Oct-81	1200	425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	278.00
21FLA	24030755	28.051111	82.504167	G	13875863	20-Oct-81	1200	515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	235.00
21FLA	24030755	28.051111	82.504167	G	13875863	20-Oct-81	1200	620	NITRATE NITROGEN, TOTAL (MG/L AS N)	0.10
21FLA	24030755	28.051111	82.504167	G	13875863	20-Oct-81	1200	900	HARDNESS, TOTAL (MG/L AS CACO3)	205.00
21FLA	24030755	28.051111	82.504167	G	13875863	20-Oct-81	1200	901	HARDNESS, CARBONATE (MG/L AS CACO3)	205.00
21FLA	24030755	28.051111	82.504167	G	13875863	20-Oct-81	1200	902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	0.00
21FLA	24030755	28.051111	82.504167	G	13875863	20-Oct-81	1200	916	CALCIUM, TOTAL (MG/L AS CA)	76.40
21FLA	24030755	28.051111	82.504167	G	13875863	20-Oct-81	1200	920	MAGNESIUM (MG/L AS CACO3)	14.00
21FLA	24030755	28.051111	82.504167	G	13875863	20-Oct-81	1200	927	MAGNESIUM, TOTAL (MG/L AS MG)	3.40
21FLA	24030755	28.051111	82.504167	G	13875863	20-Oct-81	1200	929	SODIUM, TOTAL (MG/L AS NA)	5.10
21FLA	24030755	28.051111	82.504167	G	13875863	20-Oct-81	1200	940	CHLORIDE,TOTAL IN WATER MG/L	10.00
21FLA	24030755	28.051111	82.504167	G	13875863	20-Oct-81	1200	945	SULFATE, TOTAL (MG/L AS SO4)	1.00
21FLA	24030755	28.051111	82.504167	G	13875863	20-Oct-81	1200	951	FLUORIDE, TOTAL (MG/L AS F)	0.09
21FLA	24030755	28.051111	82.504167	G	13875863	20-Oct-81	1200	1002	ARSENIC, TOTAL (UG/L AS AS)	2.00
21FLA	24030755	28.051111	82.504167	G	13875863	20-Oct-81	1200	1007	BARIUM, TOTAL (UG/L AS BA)	30.00
21FLA	24030755	28.051111	82.504167	G	13875863	20-Oct-81	1200	1027	CADMIUM, TOTAL (UG/L AS CD)	2.00
21FLA	24030755	28.051111	82.504167	G	13875863	20-Oct-81	1200	1034	CHROMIUM, TOTAL (UG/L AS CR)	20.00
21FLA	24030755	28.051111	82.504167	G	13875863	20-Oct-81	1200	1042	COPPER, TOTAL (UG/L AS CU)	10.00
21FLA	24030755	28.051111	82.504167	G	13875863	20-Oct-81	1200	1045	IRON, TOTAL (UG/L AS FE)	20.00
21FLA	24030755	28.051111	82.504167	G	13875863	20-Oct-81	1200	1051	LEAD, TOTAL (UG/L AS PB)	10.00
21FLA	24030755	28.051111	82.504167	G	13875863	20-Oct-81	1200	1055	MANGANESE, TOTAL (UG/L AS MN)	10.00
21FLA	24030755	28.051111	82.504167	G	13875863	20-Oct-81	1200	1077	SILVER, TOTAL (UG/L AS AG)	10.00
21FLA	24030755	28.051111	82.504167	G	13875863	20-Oct-81	1200	1092	ZINC, TOTAL (UG/L AS ZN)	20.00
21FLA	24030755	28.051111	82.504167	G	13875863	20-Oct-81	1200	1147	SELENIUM, TOTAL (UG/L AS SE)	2.00
21FLA	24030755	28.051111	82.504167	G	13875863	20-Oct-81	1200	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	0.00

21FLA	24030755	28.051111	82.504167	G	13875863	20-Oct-81	1200	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	0.00
21FLA	24030755	28.051111	82.504167	G	13875863	20-Oct-81	1200	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	0.00
21FLA	24030755	28.051111	82.504167	G	13875863	20-Oct-81	1200	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	0.00
21FLA	24030755	28.051111	82.504167	G	13875863	20-Oct-81	1200	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	0.00
21FLA	24030755	28.051111	82.504167	G	13875863	20-Oct-81	1200	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	204.77
21FLA	24030755	28.051111	82.504167	G	13875863	20-Oct-81	1200	71875	HYDROGEN SULFIDE (MG/L)	0.30
21FLA	24030755	28.051111	82.504167	G	13875863	20-Oct-81	1200	71900	MERCURY, TOTAL (UG/L AS HG)	1.00
21FLA	24030755	28.051111	82.504167	G	13875863	20-Oct-81	1200	82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	0.20
21FLA	24030755	28.051111	82.504167	G	13875863	20-Oct-81	1200	82368	CALCIUM DISSOLVED IN WATER AS CACO3 MG/L	191.00

Appendix 10-1. Net Pollutant Loads at the Subbasin Level for Sweetwater Creek Watershed

Subbasin ID	Basin ID	Area (acres)	Volume (acre-feet)	Runoff coefficient	BOD5	TSS	TKN	NO3 +NO2	TN	TP	TDP	Oil and Grease	Cd	Cu	Pb	Zn
410010	SWC	153.999	340.0207	0.561817	2324.879	23960.17	1235.857	571.5	1808.283	1088.967	460.5329	932.8962	0.88022	38.56562	4.942601	47.23537
410030	SWC	147.966	351.1949	0.60394	2379.804	26281.57	1256.659	613.9382	1870.811	1197.688	496.1113	972.0562	0.914721	42.33358	5.417251	52.10945
410040	SWC	3.755	10.17685	0.689622	26.16973	253.9355	13.87925	6.246621	20.12587	11.14706	4.73491	9.989281	0.009505	0.390937	0.050965	0.488215
410050	SWC	3.691	11.63859	0.80235	30.89672	341.4727	16.24715	8.022278	24.27148	15.7285	6.50319	12.69513	0.011845	0.552874	0.070596	0.682378
410055	SWC	39.878	53.2461	0.339752	390.8077	2300.486	229.8905	54.11991	283.2636	25.37406	19.09702	95.65142	0.363977	2.987649	0.549319	2.222775
410060	SWC	47.88	71.8784	0.38199	424.71	2710.64	231.8699	78.02474	310.1983	101.3233	50.47293	138.4626	0.138854	3.621571	0.50132	4.521605
410065	SWC	27.878	15.87869	0.144931	140.8406	411.1559	77.45458	18.82534	96.28086	1.852795	4.818231	33.35698	0.205518	1.160095	0.177416	0.166095
410070	SWC	23.416	50.79484	0.551969	1562.856	11216.44	231.6781	74.84136	307.8791	30.11019	32.81831	59.20028	2.494278	6.920242	37.70672	17.67241
410071	SWC	54.03	76.15183	0.358635	1111.668	9818.41	335.3168	90.85595	426.9049	54.68371	38.87835	121.5782	1.324635	5.896377	24.28148	14.19241
410072	SWC	58.859	101.2706	0.437802	1937.227	14063.6	506.0293	122.5053	626.4809	62.14808	53.25425	289.7434	2.651426	9.628389	36.48415	23.62745
410090	SWC	1.129	3.405506	0.76753	70.30237	528.5954	8.69044	3.172926	11.95045	0.475629	0.988201	1.603436	0.1169	0.30525	1.772471	0.827175
410100	SWC	39.467	56.98792	0.367414	226.6967	2523.546	183.562	38.03914	219.9171	45.94058	31.44827	166.4913	0.135638	2.007893	0.843764	3.961508
410104	SWC	11.09	24.79479	0.568901	150.2145	1320.974	99.83191	20.85355	120.6855	18.66551	11.03507	72.25781	0.061229	1.089438	0.295217	2.193187
410106	SWC	35.812	56.08305	0.398484	352.8108	2286.854	263.8087	30.19367	283.5776	41.13904	26.47409	392.9112	0.14237	2.804213	0.687569	8.651153
410120	SWC	7.336	13.61958	0.472402	59.37571	398.6046	37.32516	7.595522	44.92068	5.122619	3.392127	27.75326	0.020719	0.312508	0.080189	0.736481
410122	SWC	15.7	36.41006	0.590105	267.0868	1556.073	201.4505	16.13485	211.2645	29.97191	18.12057	358.6824	0.098741	2.25428	0.496709	8.367834
410126	SWC	39.237	96.50695	0.62585	745.0075	4925.747	475.8339	38.39753	485.1137	65.07105	43.493	838.6281	0.511342	5.788494	7.859987	20.13878
410130	SWC	36.513	60.11471	0.418929	126.0434	665.2176	88.17232	12.86754	98.44354	11.08351	8.928728	104.0286	0.048859	0.680556	0.193475	2.078392
410140	SWC	121.993	244.1641	0.509277	1240.421	7193.861	745.6069	46.84254	688.0874	84.40625	75.55233	1165.858	1.347457	9.175691	20.27984	22.2119
410145	SWC	5.734	13.388	0.594108	155.2828	961.0043	71.77038	5.907508	69.64095	7.739483	6.802488	108.6592	0.212891	1.037345	3.317627	2.755809
410148	SWC	21.997	54.38591	0.629116	461.9844	3097.451	264.2281	21.81148	267.7811	34.43815	24.31871	453.241	0.414302	3.398851	6.739455	11.40912
410150	SWC	46.626	113.3431	0.618549	2200.812	20737.78	693.8918	118.8431	812.7097	87.56239	64.09331	892.8829	2.745996	12.20072	61.26441	48.34395
410165	SWC	126.948	317.9204	0.637236	8400.053	73090.93	1347.575	355.0492	1663.313	74.24481	137.1454	288.8474	14.46526	38.22011	277.6764	118.297
410170	SWC	23.779	51.86548	0.554999	1130.333	5880.733	307.5425	27.38722	323.8048	27.58	29.93617	273.7686	2.286584	6.32326	32.29724	16.20574
410185	SWC	149.432	387.7345	0.660235	5090.811	28936.65	868.1521	104.8171	925.5029	31.40894	87.39168	164.9943	11.0822	24.14735	170.9249	57.50988
410188	SWC	65.974	134.6257	0.519233	604.6161	3527.244	380.0627	50.26171	424.9641	76.95514	44.26175	558.7642	0.199407	4.320637	1.055303	14.33264
410190	SWC	38.316	53.65348	0.356308	1354.682	8476.016	334.664	42.46862	372.2271	33.07134	30.75205	333.5959	2.0988	6.461043	35.24375	20.51994
410210	SWC	121.178	188.7064	0.396251	1306.794	6806.519	785.1758	120.51	862.2868	100.4331	70.64852	582.4208	0.4511	6.880689	1.468232	12.31126
410217	SWC	71.531	156.1457	0.555448	1116.44	6841.998	767.3827	63.75354	795.2142	110.1858	71.12103	1321.199	0.609716	8.890871	7.253807	31.10007
410218	SWC	75.857	104.159	0.349388	617.1345	2872.609	422.3403	56.84939	455.2875	45.44698	37.84827	244.9312	0.252197	3.125424	0.649366	4.915793
410235	SWC	5.421	4.781108	0.224417	49.36655	144.6458	27.1568	6.600416	33.75722	0.656714	1.690783	11.69261	0.013	0.013484	0.013088	0.078572
410238	SWC	95.102	166.8406	0.446395	647.3346	4181.06	467.3832	52.10549	516.2913	200.2797	152.0061	430.1497	0.650128	9.96405	5.822557	8.383045
410240	SWC	49.229	96.61332	0.499371	474.6122	2670.843	371.0237	32.75533	384.0682	55.44131	40.55216	414.5284	0.227788	3.825801	0.918702	9.517099
410242	SWC	12.372	19.66333	0.404413	149.426	1111.779	90.52786	21.17443	111.5443	12.96894	8.119858	36.41055	0.053102	0.800761	0.18808	1.192108
410243	SWC	6.187	11.91071	0.489852	76.35407	700.8076	43.62511	16.01697	59.36225	34.21551	15.78524	33.30398	0.031755	1.27996	0.15686	1.42688
410244	SWC	81.327	202.7105	0.634233	1035.256	9537.121	602.9554	209.1196	811.8054	465.309	220.38	460.0779	0.450258	18.12548	2.211338	19.3653
410245	SWC	27.411	73.17813	0.679304	275.0735	1634.858	187.7942	29.17937	214.3348	95.56567	58.42242	136.7761	0.144166	4.557971	0.511031	3.570684
410246	SWC	45.162	111.6052	0.628809	459.6234	3421.236	289.9297	70.50151	364.2382	217.2605	119.3997	249.3537	0.232749	9.187174	1.002289	7.923385
410247	SWC	96.872	218.0822	0.572835	1125.681	9038.456	662.6981	202.0783	862.8336	380.0555	188.9053	446.7385	0.819345	17.28787	2.237496	16.49684
410248	SWC	12.963	29.81537	0.585251	172.7109	1649.174	98.13745	37.17105	135.9766	85.9731	40.18562	80.39377	0.074924	3.271841	0.385818	3.483159
410249	SWC	20.68	50.23177	0.618067	266.2228	2270.633	158.3868	49.52837	209.5992	129.7408	65.38834	132.85	0.123812	5.189987	0.582233	5.007116
410250	SWC	25.399	66.19514	0.663158	152.6774	771.6285	126.6722	9.067695	125.6056	28.9841	20.58761	191.5526	0.080575	1.772903	0.323297	3.457009
410255	SWC	30.073	73.44645	0.621443	310.0441	2090.802	200.3984	41.17287	244.2432	140.719	80.31636	183.847	0.158947	6.174635	0.650702	5.313366
410270	SWC	7.035	14.81452	0.535835	97.0703	842.0901	52.78271	16.0247	69.20944	39.03768	19.49044	47.92589	0.060446	1.620391	0.644072	1.921215
410275	SWC	3.977	8.778685	0.56167	58.14633	604.4637	31.95655	13.84257	45.90586	29.1362	12.81878	25.50446	0.023869	1.065826	0.13302	1.22919
410276	SWC	23.665	57.66615	0.620043	290.0877	2601.329	169.2516	57.60758	228.3876	142.671	69.63454	140.5742	0.131021	5.586462	0.640269	5.625431
410277	SWC	7.897	17.36204	0.55943	122.7705	1298.8	67.31585	28.80337	96.12471	51.78642	21.88706	46.2886	0.047208	1.901598	0.262692	2.384255
410278	SWC	28.981	59.71103	0.524262	401.7755	3977.421	220.6902	92.70857	314.2088	192.9482	85.9349	173.2795	0.19454	7.295898	0.896867	8.081288

Appendix 10-1. Net Pollutant Loads at the Subbasin Level for Sweetwater Creek Watershed

Subbasin ID	Basin ID	Area (acres)	Volume (acre-feet)	Runoff coefficient	BOD5	TSS	TKN	NO3 +NO2	TN	TP	TDP	Oil and Grease	Cd	Cu	Pb	Zn
410279	SWC	7.187	18.72875	0.663084	54.93667	153.1888	40.94895	1.195577	43.25206	23.54177	17.49522	37.78657	0.035216	1.241357	0.105647	0.612755
410282	SWC	19.91	50.34449	0.64341	433.6617	2945.574	147.594	19.04216	168.3832	68.93911	49.77713	103.1471	0.663535	4.629473	10.93027	6.005561
410284	SWC	9.547	18.82508	0.501738	175.2531	1775.336	69.27494	26.73193	96.39381	54.05557	25.73964	50.83812	0.158983	2.323003	2.944749	3.342284
410285	SWC	8.703	19.75962	0.57772	147.8832	1136.884	70.78329	17.85678	89.41234	49.83721	27.46701	56.11678	0.141835	2.286634	1.876174	2.438488
410288	SWC	9.976	24.06469	0.613806	90.15215	251.3665	67.04072	1.957042	70.80737	38.51517	28.62712	61.82599	0.058381	2.032327	0.182055	1.004821
410291	SWC	30.561	72.07824	0.600128	400.5304	3869.529	226.4104	87.4893	315.3407	199.8392	92.62316	184.9609	0.172377	7.563375	0.89681	8.137675
410292	SWC	12.455	27.70781	0.566065	168.1736	1528.131	97.59602	33.97048	132.4043	82.91826	40.11611	80.8378	0.075338	3.227872	0.372109	3.288029
410295	SWC	7.484	13.86168	0.471291	96.09009	949.6507	52.68537	22.35439	74.69574	44.39615	19.29799	39.89779	0.05655	1.700798	0.212237	1.895563
410296	SWC	27.749	70.97865	0.65086	281.1117	2139.208	173.961	45.03765	221.0331	133.2461	71.50848	147.7749	0.14524	5.591408	0.601487	4.92066
410297	SWC	15.165	35.37828	0.593611	692.5065	7585.762	165.1253	74.84615	239.9715	103.4527	47.88965	89.30355	0.90244	5.678817	20.29917	12.85615
410299	SWC	60.903	84.17764	0.351694	367.9794	5204.622	238.998	57.46462	292.9074	75.40221	57.74971	219.5597	0.481593	3.285001	8.161681	6.871796
410300	SWC	26.498	55.49208	0.532875	460.3698	3613.01	172.8101	28.6614	200.8814	79.93541	54.09072	119.955	0.55763	4.786664	10.54329	6.788793
410320	SWC	33.567	74.70856	0.566324	1451.57	13628.44	395.4075	98.86239	492.5767	65.91443	47.65253	221.2443	1.985667	7.828978	41.65129	23.08191
410330	SWC	42.098	87.88855	0.531225	1392.202	14254.3	414.592	119.7607	531.2	89.21772	55.72594	163.5699	1.73108	8.060541	37.65131	21.25328
410332	SWC	3.947	9.927589	0.640006	9.577855	44.54122	10.72196	0.418605	9.87992	1.938948	2.205999	9.463889	0.009937	0.109987	0.035965	0.082118
410335	SWC	109.157	143.175	0.333751	1036.692	12214.97	441.2057	119.2658	555.6741	138.99	99.806	345.1547	1.482328	7.552429	28.15096	17.7537
410336	SWC	16.698	22.57923	0.344074	164.5993	1665.825	70.74824	14.00045	82.47149	18.12917	15.97842	58.70666	0.29863	1.180909	4.827835	2.557408
410337	SWC	27.125	52.06795	0.488437	77.33109	1469.291	83.67224	21.73004	105.4023	31.00977	21.80737	83.51758	0.077331	1.005304	0.618649	1.701284
410338	SWC	102.74	165.2407	0.409246	1961.392	14948.66	705.7656	215.0153	917.8161	222.5237	115.7364	315.9706	1.992842	13.61032	22.85703	22.49584
410340	SWC	17.244	29.08345	0.429156	277.9968	1936	111.8105	47.43223	158.5778	92.63485	41.20703	78.22721	0.142939	3.028629	0.42547	3.621439
410341	SWC	10.175	12.39429	0.309952	20.96013	178.7284	29.62372	1.921854	28.56865	7.375477	8.08279	33.72817	0.03123	0.322546	0.147142	0.291673
410342	SWC	9.889	15.8834	0.408694	43.38968	60.84774	25.59176	2.38483	25.61204	1.417764	2.117282	12.14949	0.018785	0.028247	0.009462	0.04595
410343	SWC	11.588	14.13518	0.310385	165.9709	684.1363	60.88536	15.69597	76.58132	17.60042	9.959251	22.84384	0.087251	0.624516	0.11615	0.743336
410344	SWC	14.735	33.01582	0.570137	186.8014	1411.889	118.4491	28.75838	146.0123	74.36904	39.60311	87.89175	0.089771	3.177353	0.372763	2.95944
410345	SWC	21.258	53.2973	0.637955	1246.848	7986.433	269.5865	84.4401	356.0884	73.00099	46.67018	101.2805	1.70617	6.986914	18.70165	12.37916
410346	SWC	14.04	36.9087	0.668912	172.1243	1307.583	106.6104	27.42991	135.5145	82.23567	44.3105	91.16822	0.084968	3.442102	0.369054	3.023291
410347	SWC	8.486	22.76302	0.68255	83.57726	422.9068	57.3217	7.251927	65.80102	37.7601	24.20695	51.24204	0.047756	1.785959	0.169454	1.185348
410348	SWC	12.644	32.20282	0.648063	144.9244	1058.553	90.89464	21.84306	114.0766	68.45995	37.67906	77.9277	0.07276	2.90945	0.308162	2.480561
410360	SWC	46.988	62.12847	0.336443	732.9766	3202.638	226.1026	72.75585	298.8584	137.8578	73.38259	139.1532	0.48824	3.873302	0.916887	4.394433
410390	SWC	11.833	27.03667	0.581388	1002.811	6148.151	155.7721	43.32366	196.2216	10.21018	17.38154	39.81054	1.630995	4.53129	19.47644	9.696454
410410	SWC	59.197	126.9711	0.545774	2268.438	22368.23	620.0984	210.7309	831.2548	195.1256	104.3418	253.2909	2.865396	14.7225	57.51993	34.62581
410430	SWC	20.242	38.09416	0.478864	347.5805	3271.921	159.4524	64.15949	223.1596	100.8548	44.68165	100.5801	0.298903	4.458869	3.396661	5.737964
410450	SWC	122.123	315.5235	0.657418	1693.92	18762.66	896.3836	436.5254	1332.909	850.1053	351.945	691.3953	0.651865	30.02347	3.873276	37.12828
410460	SWC	330.18	760.1135	0.585781	5148.772	49202.57	2059.616	704.8566	2763.25	1109.313	553.3827	1306.568	5.17087	52.19815	79.34337	82.27022
410462	SWC	9.97	10.45558	0.266846	29.84122	488.7978	26.7493	8.187619	34.93692	13.09465	7.720753	25.57893	0.023709	0.438526	0.182007	0.659573
410464	SWC	5.404	12.98121	0.611234	13.06981	248.3263	14.14153	3.672616	17.81415	5.240992	3.685685	14.11539	0.01307	0.169907	0.104558	0.287536
410466	SWC	18.095	39.26643	0.552167	134.2302	1676.144	80.16169	22.46474	102.6264	27.12603	16.74563	58.21581	0.124799	1.196617	1.96342	2.228016
410469	SWC	110.637	304.8922	0.701219	1559.689	14537.74	752.1399	342.4343	1096.117	711.6281	307.7908	583.1111	0.689281	25.12312	3.11324	29.3484
410470	SWC	54.245	94.56433	0.443583	880.5371	10271.5	306.0361	94.94015	396.7103	118.4716	74.34206	221.989	1.202792	6.707132	25.36566	15.84001
410480	SWC	17.717	23.57002	0.338514	63.0936	1198.778	68.26727	17.7293	85.99658	25.30053	17.7924	68.14109	0.063094	0.820217	0.504749	1.388059
410500	SWC	157.625	343.4977	0.554506	990.1608	9268.539	671.9233	152.8865	820.9154	241.3413	155.4693	494.7359	0.631872	9.820695	3.054457	12.08733
410501	SWC	65.543	155.0296	0.60186	1577.456	10005.22	451.0773	113.3404	566.5596	118.9123	84.96751	223.9974	1.99349	9.503852	19.42767	14.74403
410503	SWC	48.474	109.1352	0.57288	2502.584	19178.39	554.1613	179.9878	736.7641	121.209	77.36921	188.4597	3.467305	13.53829	48.64616	29.16994
410510	SWC	8.954	12.40282	0.352461	33.72351	640.7468	36.48884	9.476307	45.96515	13.52313	9.510031	36.4214	0.033724	0.438406	0.269788	0.741917
410530	SWC	41.288	71.80054	0.442498	311.2729	4180.169	226.721	79.64986	306.6879	146.5984	75.21459	204.213	0.189621	5.154503	1.321561	6.735446
410535	SWC	19.934	57.34671	0.732018	184.729	608.0662	135.2581	6.680344	145.4386	80.11348	57.6495	124.0032	0.115567	4.123948	0.359522	2.184381
410540	SWC	40.941	93.04839	0.578306	624.0623	6552.416	339.6569	151.2078	491.8429	315.9363	137.4791	271.415	0.253	11.47017	1.425161	13.35136
410548	SWC	34.76	80.81588	0.591595	467.4698	4708.288	266.8336	105.5597	373.8014	233.2686	107.359	218.8129	0.203861	8.715278	1.108854	9.646049

Appendix 10-1. Net Pollutant Loads at the Subbasin Level for Sweetwater Creek Watershed

Subbasin ID	Basin ID	Area (acres)	Volume (acre-feet)	Runoff coefficient	BOD5	TSS	TKN	NO3 +NO2	TN	TP	TDP	Oil and Grease	Cd	Cu	Pb	Zn
410560	SWC	5.96	13.43589	0.573624	93.23732	1026.205	49.64039	23.89591	73.57497	47.74796	20.01902	39.20139	0.036532	1.692626	0.216091	2.058425
410570	SWC	125.724	215.2641	0.435673	1330.492	4887.174	412.3306	114.0617	528.8873	291.987	166.1326	302.7215	0.930662	8.916907	1.690013	7.957812
410580	SWC	490.619	1233.198	0.639582	3632.703	26486.55	1335.676	346.4376	1679.912	660.8528	422.697	1054.202	3.864117	25.37559	47.09269	39.28278
410581	SWC	21.953	48.55919	0.56284	759.5994	8118.495	210.0916	89.84164	300.3366	142.183	66.85329	128.0465	0.914838	7.103784	19.80011	14.07841
410582	SWC	29.38	72.70836	0.629709	324.2668	3108.231	195.5392	66.97559	263.9263	158.1552	77.71986	164.8096	0.154208	6.098658	0.808854	6.377325
410583	SWC	59.063	83.87643	0.361353	1561.948	8249.108	346.8911	94.89955	436.191	136.195	80.71495	120.8494	1.523745	5.918598	20.84303	11.97497
410584	SWC	8.639	14.80262	0.435996	31.62826	454.4835	33.32388	7.079232	39.14914	13.02805	9.354853	34.24059	0.031721	0.467187	0.205216	0.626544
410585	SWC	34.761	58.0158	0.42468	108.1899	1710.762	126.8243	24.34195	146.6414	41.98085	33.7115	132.7511	0.122921	1.489808	0.826179	2.123061
410586	SWC	49.293	124.3208	0.64175	672.5971	7629.408	347.3526	162.9225	510.2752	309.5248	131.3491	269.6201	0.340567	11.12	3.658258	14.50835
410590	SWC	22.231	35.89259	0.410822	97.09624	481.7923	60.78307	8.701708	64.72236	28.03196	21.01155	58.48621	0.102807	1.054647	0.246823	0.962066
410600	SWC	62.488	111.0366	0.452144	1524.292	11346.15	403.2832	79.20293	463.9548	103.1363	78.66262	189.7234	2.166809	8.110825	38.51835	18.48142
410607	SWC	36.728	36.83209	0.255174	131.4085	868.8069	106.5614	12.35874	110.4835	17.6253	13.59352	57.73735	0.076975	1.07446	0.292226	1.141263
410610	SWC	49.757	82.72546	0.423051	316.0985	3323.762	246.6328	53.24924	299.5055	96.20387	62.05152	192.3866	0.197206	4.116019	1.133978	4.682805
410620	SWC	184.62	408.9009	0.563569	552.226	7407.56	452.6547	114.3577	564.4145	176.7489	123.474	439.9094	0.515301	5.509885	3.153473	8.662481
410630	SWC	93.559	129.6036	0.352483	292.834	4614.304	322.1364	66.75484	380.3379	108.5698	85.0101	329.9429	0.319701	3.746873	2.141239	5.575365
410631	SWC	261.068	295.952	0.288453	1290.011	13932.67	769.9674	305.2755	1077.075	618.3489	286.6145	634.507	0.592689	22.49224	3.492508	26.52639
410633	SWC	18.891	51.03565	0.687426	156.2028	980.4697	102.0583	19.21481	122.5033	70.69683	41.4817	87.85959	0.082207	3.127727	0.318045	2.433769
410635	SWC	90.203	180.3567	0.508767	879.2571	6975.552	580.7782	124.5787	684.0762	163.0314	87.73332	287.9783	0.387362	8.160972	1.51805	9.864078
410637	SWC	174.579	213.5177	0.311207	2366.504	20546.44	834.4462	171.0142	979.1398	124.7714	116.0121	414.3956	2.948708	12.44381	59.6671	30.94948
410639	SWC	23.324	54.8248	0.598111	187.8274	528.913	139.8683	4.235419	147.8779	80.54175	59.75027	129.0217	0.120244	4.241387	0.361444	2.101882
410645	SWC	70.031	184.2529	0.66947	505.3472	1409.47	377.8965	10.97812	398.4879	215.6479	160.5402	348.3549	0.325093	11.37536	0.975755	5.620353
410650	SWC	110.294	209.2069	0.482649	412.3777	5917.544	345.2756	91.04314	436.3187	136.7927	93.74639	335.1013	0.382005	4.233565	2.475239	6.864892
410657	SWC	22.903	33.76523	0.375133	86.25309	1525.981	96.89544	22.19764	117.563	34.05832	25.43978	98.85413	0.091532	1.147023	0.679468	1.810473
410660	SWC	56.751	96.89244	0.434434	260.4158	871.2074	194.0912	19.91614	194.488	30.95359	25.60064	118.542	0.607445	3.645707	0.496788	1.346233
410665	SWC	29.077	38.31059	0.335256	194.2721	1150.89	121.6292	24.97263	143.0354	27.33271	22.04593	87.04646	0.293718	1.888288	0.553165	1.192332
410670	SWC	10.196	13.87001	0.346142	43.66774	685.6961	39.66916	10.4055	50.07466	15.36624	10.62183	38.88104	0.04139	0.483048	0.28749	0.79495
410680	SWC	8.687	11.15307	0.326687	448.0804	357.0039	59.65514	21.06705	80.7222	56.23245	29.70631	15.97123	0.312634	0.987343	0.069973	0.44385
410682	SWC	87.344	105.3213	0.306825	1516.679	10001.96	342.3415	89.50722	425.959	105.8753	76.40958	170.0812	2.301266	7.552781	35.02023	16.01158
410684	SWC	84.785	115.7722	0.34745	455.4733	5099.561	288.0966	99.8775	387.9741	169.7468	89.14566	248.0229	0.287755	5.614325	1.637201	7.68791
410800	SWC	57.209	72.50463	0.322484	219.8144	3671.865	215.2784	55.17844	270.4569	73.7796	51.17294	196.8663	0.189514	2.545404	1.443472	4.23287
410801	SWC	84.17	105.4829	0.318884	319.3569	5163.534	257.5243	67.93848	325.4904	90.37789	64.14692	243.2318	0.368424	3.324176	4.8841	6.326834
410810	SWC	36.672	56.69896	0.393412	124.8024	1564.121	119.8773	26.08283	143.5398	34.04232	27.26841	110.8249	0.104332	1.164994	0.679174	1.809416
410820	SWC	13.931	26.87832	0.490939	39.34779	747.608	42.57431	11.05673	53.63104	15.77846	11.09608	42.49561	0.039348	0.511521	0.314782	0.865651
410830	SWC	37.828	69.6098	0.468236	116.311	2056.562	129.7254	29.9783	157.7803	45.58474	33.86175	131.5843	0.12483	1.542946	0.910635	2.432313
410832	SWC	47.018	70.51032	0.381589	255.7736	1665.292	188.5907	36.83522	216.0498	58.38291	39.50834	141.4819	0.399069	3.684997	0.728292	2.549839
410840	SWC	69.367	119.7424	0.439241	245.1945	4080.799	245.9609	63.76981	307.7177	96.21541	65.05771	240.0643	0.24708	3.352049	1.691275	5.037584
410847	SWC	28.952	54.36843	0.477832	72.31374	1373.961	78.24346	20.32016	98.56362	28.99781	20.39247	78.09883	0.072314	0.940079	0.57851	1.590902
410850	SWC	187.538	344.7262	0.467727	628.5583	8063.537	489.6457	110.1785	588.1865	152.2294	112.9927	435.8593	0.858033	6.974676	8.563529	10.33145
410852	SWC	36.374	44.78973	0.313325	246.8292	669.9952	148.3561	27.28721	171.2016	7.825608	12.16891	70.90865	0.494786	2.885391	0.396235	0.385968
410854	SWC	34.978	60.56519	0.440591	162.3348	1401.472	131.7338	28.18613	157.1758	27.78054	24.01529	104.4684	0.256758	1.953756	0.677012	1.474516
410855	SWC	23.847	35.76993	0.381673	80.21136	1459.975	88.81477	21.38179	109.3281	31.8644	23.25327	89.864	0.083207	1.057353	0.635699	1.715215
410856	SWC	22.385	34.76296	0.395155	73.5408	944.2452	68.27035	15.73026	83.03106	19.4888	14.89518	60.59726	0.087892	0.841906	0.413366	1.059752
410857	SWC	15.964	25.60259	0.408084	49.78761	114.5725	47.17718	1.582379	43.00741	5.007658	7.291419	36.79669	0.123422	0.673956	0.136856	0.182397
410858	SWC	7.297	9.490482	0.330942	30.00419	63.12349	24.19694	1.512336	23.14129	1.634676	2.760358	15.6039	0.01653	0.071147	0.032801	0.075705
410860	SWC	28.768	54.45277	0.481635	274.25	3144.477	156.6901	34.07955	186.6338	38.69659	29.09719	111.6952	0.307043	2.081325	5.231015	4.213385
410865	SWC	21.101	25.58555	0.308531	1072.691	7760.821	150.9102	51.16967	202.7308	24.21788	22.20104	29.70298	1.640215	4.481135	25.98977	12.09505
410870	SWC	26.995	39.77955	0.374959	535.2224	1591.106	125.3296	38.14289	163.4725	80.48725	45.74838	72.87781	0.393363	1.872864	0.846815	1.926512
410880	SWC	15.402	39.81315	0.657744	1517.913	12101.03	184.0753	68.50758	253.8378	19.74902	24.76597	28.63903	2.436548	6.336886	42.02636	18.97629

Appendix 10-1. Net Pollutant Loads at the Subbasin Level for Sweetwater Creek Watershed

Subbasin ID	Basin ID	Area (acres)	Volume (acre-feet)	Runoff coefficient	BOD5	TSS	TKN	NO3 +NO2	TN	TP	TDP	Oil and Grease	Cd	Cu	Pb	Zn
410900	SWC	16.8	42.47084	0.643264	2680.439	24060.04	328.3177	121.1985	451.0171	13.16926	33.9674	46.18195	4.492726	11.54277	86.05776	37.89975
411010	SWC	38.169	65.77468	0.438486	193.5305	2975.813	134.0928	35.86276	169.9556	45.52389	32.66447	123.1018	0.238277	1.800451	3.887011	3.77538
411015	SWC	28.159	41.84458	0.37812	281.0813	3732.543	125.2665	35.04886	160.3154	37.28482	27.63284	100.4642	0.392389	1.996397	7.919252	5.125089
411020	SWC	54.335	117.207	0.548885	543.1338	5291.087	276.229	73.20524	348.3748	103.4107	58.28015	165.0887	0.43947	5.167004	7.034534	7.974556
411025	SWC	37.683	94.35173	0.637106	563.7101	5455.97	318.391	123.4183	443.8133	281.3575	130.2323	259.9881	0.2423	10.63938	1.262637	11.46632
411040	SWC	42.718	91.96347	0.547787	323.809	3239.737	179.8782	76.84941	256.7887	139.713	61.49553	135.0446	0.12788	4.938698	0.712025	6.115952
411042	SWC	30.807	76.02572	0.627941	455.4438	4411.522	257.151	99.81259	358.5744	227.355	105.1764	209.942	0.195659	8.594128	1.020292	9.268663
411044	SWC	31.2	42.449	0.346195	427.0259	799.9738	112.1317	23.59441	132.6408	60.10169	40.04146	68.50877	0.332188	1.477533	0.31804	1.049672
411046	SWC	11.787	6.257735	0.135089	10.27611	138.9021	8.824421	2.448613	11.26365	3.25994	2.129164	7.804674	0.007348	0.107763	0.052293	0.171325
411048	SWC	46.497	80.58239	0.440984	373.9478	2250.776	183.6693	40.20229	218.6541	77.89956	54.0996	160.093	0.309237	2.313673	0.982859	2.773321
411060	SWC	27.685	40.686	0.373945	87.38926	881.6575	96.8431	12.63172	102.76	25.04317	22.98166	95.4719	0.089826	0.95537	0.479573	1.175942
411065	SWC	10.899	17.9307	0.418618	24.09266	299.3262	29.33971	4.042904	31.52538	8.327923	7.567673	30.90529	0.02875	0.316901	0.166144	0.393784
411066	SWC	10.702	18.80768	0.447175	80.70568	1133.306	60.1473	21.26699	81.37669	36.63278	18.83272	53.66962	0.050294	1.264086	0.36055	1.747214
411070	SWC	29.9	23.49933	0.199982	91.91774	789.8693	58.24144	12.77885	69.93392	10.4611	8.341715	36.55726	0.065631	0.487318	0.782913	0.928195
411074	SWC	24.29	32.01497	0.335377	532.0661	1434.405	123.9397	37.07941	161.0191	75.82503	42.13638	61.77708	0.367669	1.799146	0.41064	1.693278
411075	SWC	91.121	171.2826	0.478302	484.0773	5334.372	339.7901	85.47522	424.8069	147.0895	96.80156	309.4875	0.399854	5.002363	2.378305	6.804001
411080	SWC	25.244	54.25739	0.5469	2450.915	21348.39	358.5675	121.7468	479.9716	30.80349	39.22783	70.79995	3.812291	10.51248	72.26928	33.04879
411085	SWC	7.584	18.32084	0.614688	967.9459	8684.298	129.8141	45.20507	175.4425	8.066279	14.34248	24.1393	1.616606	4.276395	30.86727	13.67902
411090	SWC	2.481	0.551851	0.056598	37.42253	20.58033	4.707854	0.091805	4.799658	0.325523	0.225797	1.362408	0.001476	0.003748	0.002801	0.011885
411110	SWC	21.528	31.17182	0.368439	200.1256	2423.333	83.90513	24.53398	107.8966	31.52895	20.76909	68.70737	0.253213	1.536589	5.048278	3.518647
411111	SWC	16.595	37.61445	0.576746	43.38528	824.3204	46.94287	12.19126	59.13414	17.3975	12.23465	46.8561	0.043385	0.564009	0.347082	0.954476
411115	SWC	45.334	59.36503	0.333207	301.9603	2571.244	127.478	27.65241	151.925	41.99182	32.86471	104.9255	0.312123	1.701494	4.229616	3.407074
411116	SWC	17.34	29.76561	0.43679	58.82801	915.2703	65.63305	13.05582	76.66457	22.03791	17.51413	67.94601	0.066253	0.76847	0.433735	1.117413
411120	SWC	43.125	65.29378	0.385257	209.0103	3032.009	116.1392	31.78818	147.8675	38.23308	27.97893	103.619	0.285916	1.716257	5.353233	4.029162
411122	SWC	20.6	19.53956	0.241354	757.0017	1866.92	100.2174	28.11681	126.7686	77.31079	48.20797	24.96522	0.744858	2.094875	5.702034	2.903141
411125	SWC	32.012	49.92999	0.396877	101.2311	1811.182	113.082	26.41765	137.978	40.0674	29.65745	114.9991	0.106481	1.341596	0.79935	2.140467
411127	SWC	6.115	3.453004	0.143684	4.702764	63.28424	5.913123	0.850266	6.409867	1.763546	1.584118	6.396118	0.005922	0.067081	0.035183	0.083338
411130	SWC	40.813	72.12938	0.449698	1273.211	14464.41	259.6041	89.28437	348.0211	64.27968	48.77423	131.8426	2.005614	6.889237	46.39246	22.36876
411135	SWC	29.882	50.84232	0.432935	186.17	2138.453	123.4012	24.23727	143.1885	47.04653	35.02122	118.2521	0.232135	2.13295	3.572313	3.294059
411138	SWC	7.546	15.67143	0.528444	93.12979	1017.918	49.9345	22.6757	72.6102	43.66721	18.81715	40.27189	0.037527	1.526368	0.237304	1.92442
411587	SWC	34.214	73.07701	0.543481	260.5381	3370.719	170.0051	69.21599	239.2211	127.2702	59.44202	147.0458	0.136655	4.409028	0.93839	5.79378
411589	SWC	115.774	240.5253	0.528637	1488.283	15594.29	768.7154	286.3738	1057.442	571.3981	272.5058	599.3421	1.044142	22.48101	13.90402	28.86344
411700	SWC	53.245	73.20548	0.349842	424.6791	2213.028	130.2659	36.33016	166.7182	52.84207	32.23061	73.91909	0.383406	1.968818	2.400034	2.815758
411710	SWC	63.508	94.66791	0.379299	787.6014	6547.327	283.6348	84.28397	368.6657	92.88376	54.66582	158.8927	0.911435	5.689812	10.39334	9.594463
411720	SWC	46.596	109.9522	0.600431	730.8163	6892.876	299.2715	90.61051	392.4384	206.8515	110.4096	227.6001	0.71608	9.621203	13.18233	13.06762
411730	SWC	29.917	60.65439	0.515883	582.5131	5274.182	173.7986	39.56637	212.0436	35.30348	27.09001	74.32358	0.757753	3.541867	15.2645	8.146582
411920	SWC	13.785	30.94431	0.571191	215.2839	2418.287	114.4799	56.26533	170.7452	110.4597	45.85781	90.29552	0.084138	3.880643	0.509174	4.801819
411945	SWC	9.774	21.84058	0.56859	152.5063	1688.546	80.71046	39.43227	120.1763	78.25953	32.56814	63.52075	0.059198	2.763434	0.352354	3.383415
411960	SWC	18.267	41.33444	0.575774	272.638	2956.173	149.2676	67.83105	217.3014	138.228	59.59726	119.4059	0.111403	4.961345	0.649573	5.915596
411970	SWC	10.586	16.39513	0.394085	78.34204	873.815	41.21996	20.45932	61.67929	40.28589	16.63262	32.33116	0.030132	1.416183	0.180789	1.74763
411975	SWC	20.961	49.85053	0.605153	336.9282	3738.712	177.7828	87.43684	265.2662	173.0608	71.77779	139.6835	0.13018	6.10107	0.776638	7.490313
411981	SWC	8.949	20.79367	0.59124	131.0539	1334.372	72.45811	30.27374	102.9945	63.33656	28.10557	56.45572	0.053675	2.345286	0.29162	2.686737
411983	SWC	17.991	47.39045	0.670259	308.1679	2658.137	187.6554	44.31529	231.9667	32.07852	18.04557	74.17405	0.12147	2.019921	0.639974	2.988749
411986	SWC	47.023	101.8441	0.551103	2239.919	13028.62	500.8109	103.0338	580.3278	44.86936	53.13857	159.4782	3.310035	10.9064	36.47651	20.23625
411987	SWC	14.464	35.25966	0.620293	269.4351	2246.146	123.6952	24.459	144.3325	19.92624	13.60423	49.85718	0.24345	1.689549	4.031142	3.116759
412940	SWC	5.71	9.4897	0.422887	58.44633	626.3632	31.84126	14.42034	46.33273	29.68677	12.82587	25.47153	0.023735	1.069847	0.13664	1.263842
412960	SWC	48.468	62.46235	0.327922	160.0306	2679.325	164.3025	41.49945	203.5976	66.15461	44.93906	164.1777	0.152113	2.242222	1.121263	3.399323
412980	SWC	39.942	80.6779	0.513963	441.8211	4275.451	259.2254	95.77763	356.3717	204.3521	97.16668	209.2523	0.196134	7.667088	1.047718	8.482362

Appendix 10-1. Net Pollutant Loads at the Subbasin Level for Sweetwater Creek Watershed

Subbasin ID	Basin ID	Area (acres)	Volume (acre-feet)	Runoff coefficient	BOD5	TSS	TKN	NO3 +NO2	TN	TP	TDP	Oil and Grease	Cd	Cu	Pb	Zn
412990	SWC	4.254	4.744886	0.283815	13.08885	234.6227	13.16569	3.64239	16.80808	5.451615	3.566121	12.9397	0.011986	0.179256	0.094506	0.288506
413900	SWC	39.564	50.37592	0.323989	292.1116	1744.248	176.8579	35.63477	208.7279	55.96128	43.37473	137.0613	0.220095	1.95949	0.683297	2.253143
413910	SWC	25.333	47.00398	0.472123	341.7326	3514.882	180.8221	84.56304	265.3936	157.9911	66.35036	135.0418	0.127353	5.552488	0.716208	6.883754
413911	SWC	10.173	15.23902	0.381167	117.7929	1032.817	62.79116	26.41088	89.20204	43.46856	18.92897	42.60955	0.053364	1.602628	0.212211	1.916042
413912	SWC	8.154	12.55143	0.391679	95.08257	839.6647	51.54283	21.06336	72.18749	35.96647	15.66201	35.3259	0.077035	1.528585	0.197984	1.571626
413913	SWC	17.377	40.00941	0.585861	283.203	3149.461	149.0354	73.81491	222.8503	145.0631	59.92408	116.6762	0.110578	5.11117	0.652718	6.293486
413916	SWC	3.557	7.91212	0.566	55.93436	623.8833	29.43008	14.60747	44.03755	28.76317	11.8753	23.08368	0.021513	1.011121	0.129079	1.247767
413917	SWC	7.48	16.70524	0.568275	118.0969	1317.235	62.13716	30.84147	92.97863	60.72908	25.07289	48.7377	0.045422	2.134829	0.272531	2.63447
413918	SWC	2.729	6.129314	0.571499	43.3309	483.3062	22.79872	11.31603	34.11475	22.28208	9.199484	17.88233	0.016666	0.783289	0.099994	0.966612
413930	SWC	27.856	55.79039	0.509622	346.9598	2639.057	168.6181	59.22694	227.3897	141.4779	70.09951	132.8115	0.211118	5.229262	0.642677	5.481253
413940	SWC	123.649	223.5115	0.459956	3635.333	28495.88	735.9585	266.7342	1005.167	307.2255	182.4641	381.1346	5.060344	20.94746	77.07658	45.4984
413944	SWC	46.548	109.3912	0.597983	773.3359	8625.67	406.8937	201.9597	608.8533	397.6731	164.1852	319.1498	0.297437	13.97953	1.784621	17.25134
413946	SWC	54.417	126.9673	0.593697	900.9438	9961.53	474.2884	233.9308	708.2192	457.9701	189.3853	369.9445	0.345227	16.09705	2.057382	19.87777
413960	SWC	57.294	83.42345	0.370499	779.8373	7566.636	241.2484	82.02181	323.0136	120.0122	64.25961	144.5969	0.953904	6.482942	19.51022	12.84365
413962	SWC	60.496	154.1314	0.648294	913.4894	8913.697	461.4555	174.065	638.3301	379.8139	178.3427	358.9392	0.553781	15.01957	6.940795	17.77998
413964	SWC	11.246	25.50777	0.577141	180.326	2011.328	94.87921	47.09282	141.972	92.72917	38.28459	74.41914	0.069356	3.259739	0.416137	4.022656
413966	SWC	37.346	80.53114	0.54869	864.979	8668.143	307.001	111.901	418.4741	202.8044	99.10823	202.4497	0.892853	9.485486	17.8371	15.54409
413968	SWC	46.667	100.7076	0.549111	956.7629	9924.062	418.2796	165.3464	583.626	257.9663	113.1621	249.4274	0.703439	10.8186	11.9661	16.81652
413980	SWC	184.822	396.259	0.545548	2855.106	21741.31	1448.094	320.3385	1711.645	587.7765	319.109	818.1079	2.569166	29.8723	34.79103	38.78614
414050	SWC	7.817	12.68275	0.412839	63.78274	284.4588	40.17448	6.560402	46.73489	3.781025	3.070021	44.93309	0.019232	0.249186	0.064223	1.01521
414100	SWC	9.098	17.87578	0.49995	157.4658	1152.324	74.30142	8.749977	80.58082	8.732161	6.510576	104.1201	0.152744	0.920294	2.830048	3.424807
414150	SWC	47.386	109.5288	0.588147	1343.223	10876.46	603.4941	75.98176	677.9526	84.69403	54.71813	913.0159	1.336048	8.607982	25.83159	33.58817
414155	SWC	126.48	269.7927	0.54277	1911.469	10683.57	1424.915	122.2781	1499.242	202.3548	126.4511	2453.994	0.699704	15.2067	3.358832	56.01594
414205	SWC	26.311	66.92458	0.647226	359.4936	1897.441	285.498	18.64476	284.8192	39.92717	25.97231	524.7013	0.143684	3.160261	0.661494	10.66338
414250	SWC	82.711	163.4622	0.502877	1076.86	5861.375	792.7007	71.20011	838.5865	108.5854	69.35383	1314.463	0.389328	8.086895	1.804831	30.03432
414300	SWC	39.728	78.1878	0.500783	503.7652	3260.932	305.7095	28.68429	322.7247	53.69463	36.57453	364.3524	0.358403	4.014323	5.220178	10.74156
414301	SWC	15.063	27.34557	0.461937	197.4962	1260.804	135.9801	18.26697	151.9456	22.14271	13.1582	159.7534	0.074236	1.433179	0.313628	4.214516
414343	SWC	17.462	32.66981	0.476058	84.35906	278.9361	64.13884	4.132169	61.38097	4.956187	5.399153	29.98451	0.039983	0.364806	0.073345	0.367192
414345	SWC	73.085	185.3681	0.645378	947.7941	6851.968	618.5557	114.7263	728.6184	186.468	115.0999	350.1291	0.418309	10.04077	1.545978	10.40758
414350	SWC	5.79	13.06544	0.574187	41.02933	351.0382	22.76498	8.685703	31.15235	15.44085	6.89462	15.73725	0.015222	0.548794	0.071457	0.671265
414351	SWC	90.515	155.0576	0.435893	1159.551	6735.108	768.2456	75.63715	800.8023	95.45159	67.51714	1212.184	0.642161	7.967489	7.92558	26.9959
414354	SWC	28.392	62.88328	0.563568	452.7068	3139.357	312.4472	42.48911	352.0204	49.11555	28.74419	372.1426	0.168213	3.417036	0.769092	10.13446
414357	SWC	37.336	41.64785	0.283839	799.8273	7800.74	185.7255	43.50392	221.2347	20.14994	20.07651	71.1863	1.158205	3.837281	26.37635	12.46689
414359	SWC	89.714	146.6782	0.416019	1288.022	13649.2	483.4857	164.5013	649.8218	283.0341	148.0577	338.2344	1.427543	13.54813	28.09643	23.20533
414360	SWC	58.989	65.11001	0.280856	140.739	2043.6	146.1273	30.59971	173.6591	57.47561	41.64862	147.9362	0.137083	2.11865	0.916778	2.735802
414362	SWC	46.665	82.55721	0.450164	334.2349	2153.398	236.8162	38.75001	277.4116	151.7848	94.713	215.3242	0.200467	6.824559	0.82383	5.174659
414365	SWC	91.09	127.288	0.355569	254.4163	2888.818	273.6621	34.63743	289.5289	77.761	71.44445	302.4881	0.324968	3.276786	2.880625	4.48071
414366	SWC	64.036	97.20514	0.386254	911.9621	7012.389	405.0005	76.47237	465.9702	90.97348	54.71925	289.6474	0.924151	6.404432	14.79337	13.76236
414368	SWC	17.191	39.09895	0.578724	279.2083	1743.706	207.7658	17.85734	223.3194	32.9859	19.54707	363.8327	0.102968	2.37483	0.550637	9.146702
414450	SWC	106.903	232.7726	0.554051	2087.363	22961.68	890.5972	430.4899	1321.104	795.9617	334.8174	651.0158	1.468104	30.14914	24.39251	43.36092
414500	SWC	3.898	9.016096	0.588551	63.73887	710.9336	33.53645	16.64565	50.1821	32.77649	13.53225	26.30454	0.024515	1.152203	0.14709	1.421867
414510	SWC	4.346	9.889916	0.579042	69.9163	779.8357	36.78673	18.25891	55.04564	35.95311	14.84377	28.85392	0.026891	1.263872	0.161345	1.559671
414520	SWC	11.825	25.63512	0.551622	178.7241	1993.361	94.03668	46.67294	140.7096	91.89935	37.94234	73.75593	0.068739	3.230565	0.412415	3.98667
414530	SWC	26.543	53.71791	0.514964	365.74	3619.884	216.1402	66.27696	282.4172	85.53992	40.93805	117.5503	0.167395	3.705371	1.309042	5.176597
414540	SWC	39.55	80.07333	0.515168	866.7751	8935.621	321.542	106.1632	428.5846	154.9815	79.76246	187.8072	0.9032	7.98138	18.04791	14.5179
414560	SWC	4.232	9.763252	0.587025	69.02086	769.848	36.31559	18.02506	54.34065	35.49265	14.65366	28.48438	0.026546	1.247685	0.159279	1.539696
414570	SWC	23.473	49.18244	0.533149	342.5133	3741.623	182.8577	85.82528	268.683	163.4234	67.95498	136.05	0.131827	5.834454	0.77722	7.24841
414580	SWC	2.055	3.665535	0.453872	24.1241	269.0765	12.69299	6.300103	18.99309	12.40536	5.121733	9.955832	0.009279	0.43609	0.055671	0.538153

Appendix 10-1. Net Pollutant Loads at the Subbasin Level for Sweetwater Creek Watershed

Subbasin ID	Basin ID	Area (acres)	Volume (acre-feet)	Runoff coefficient	BOD5	TSS	TKN	NO3 +NO2	TN	TP	TDP	Oil and Grease	Cd	Cu	Pb	Zn
414582	SWC	9.401	11.17271	0.302407	63.47205	675.3813	34.53855	15.10534	49.6439	27.45052	11.53192	24.05299	0.024286	1.001436	0.136217	1.254339
414590	SWC	23.754	48.32549	0.517663	332.2866	3503.973	181.9511	77.6247	259.5758	138.5813	58.45029	123.8029	0.127024	5.0988	0.703072	6.407456
414592	SWC	18.509	39.84906	0.547826	209.112	1020.35	158.8647	15.17661	159.1152	22.98715	17.12721	72.12297	0.108082	1.642234	0.28519	1.502305
414600	SWC	16.606	37.34229	0.572194	257.405	2871.056	135.4346	67.22231	202.6569	132.3656	54.64906	106.2291	0.099002	4.65309	0.594012	5.742112
414650	SWC	26.763	61.05079	0.580449	406.8411	4537.843	214.061	106.2481	320.3091	209.2102	86.3755	167.9002	0.156477	7.354435	0.938864	9.075686
414660	SWC	63.845	149.1338	0.59437	1810.195	17354.55	635.2195	258.4101	894.3179	387.8916	173.3991	366.3668	1.774469	17.91354	27.61933	29.47861
414670	SWC	63.981	134.66	0.535544	1454.044	14172.11	577.896	187.0827	765.175	221.4105	109.6358	288.3236	1.361571	11.80978	23.26572	21.52135
414680	SWC	65.486	149.4308	0.580629	932.8813	9760.927	501.1999	226.6537	723.6639	449.5339	189.6276	380.5074	0.371672	15.99735	2.049089	19.45548
414700	SWC	83.543	159.0926	0.48456	1066.733	10977.59	564.3252	263.9657	828.2909	491.3154	206.0965	420.0272	0.396833	17.26304	2.23226	21.44865
414710	SWC	59.537	120.7084	0.515891	1896.135	17988.74	526.0174	194.9183	718.1478	241.7873	117.8912	254.0929	2.357404	14.40712	43.17854	29.52498
414720	SWC	68.671	181.6444	0.673064	958.2727	6567.45	629.8496	120.173	714.738	232.0471	125.5418	351.6661	0.538826	11.13599	3.055493	11.65392
414760	SWC	46.437	81.41458	0.446114	906.4962	10260.83	268.6136	79.25237	346.2678	66.34131	48.68697	157.1222	1.285376	5.344316	28.23415	15.22089
414850	SWC	31.099	67.86936	0.555309	548.7994	4572.772	273.33	74.36236	347.6924	60.79087	33.48416	117.7186	0.336727	3.402776	4.953891	6.027643
414855	SWC	11.551	29.94202	0.659582	155.5777	1219.204	95.80201	25.74407	122.3212	72.39575	38.22029	79.39448	0.075247	3.002401	0.330991	2.734097
414900	SWC	25.044	46.15364	0.468932	988.6986	10129.16	207.1481	75.83242	283.1025	59.91605	35.53997	78.73023	1.407595	5.58105	30.98561	15.97046
415150	SWC	14.178	32.08665	0.57586	630.9829	4889.658	158.2364	39.12093	196.3413	39.46726	26.84038	61.98213	1.016443	3.956005	16.61093	8.238336
415170	SWC	27.418	65.89677	0.611555	255.5936	1145.58	187.2824	16.36525	205.7309	107.3851	73.81041	164.9739	0.157333	5.315879	0.547012	3.256319
415185	SWC	85.23	198.6265	0.592997	652.4935	1736.678	550.731	13.07335	520.4804	177.3904	141.356	570.4604	0.42197	10.53205	1.189766	6.970955
415190	SWC	10.992	26.8287	0.621055	616.1286	5628.985	142.7684	44.33777	187.2718	27.33535	18.8171	48.51229	0.844256	3.233752	16.15588	8.562239
415195	SWC	54.368	149.1933	0.698254	610.705	4940.649	372.1953	102.8286	478.8857	266.3375	139.4515	294.5911	0.285701	11.08524	1.271826	10.43774
415199	SWC	60.801	140.4633	0.587841	508.6574	1639.453	374.6228	16.9588	401.3173	218.9216	158.9622	343.3984	0.320414	11.33899	0.995012	5.926603
415200	SWC	32.888	72.8691	0.563785	540.8292	4717.95	302.8725	71.55772	373.8786	49.39876	28.78582	118.0936	0.2844	3.352399	3.233458	5.560174
415210	SWC	10.623	24.89491	0.596308	992.1706	8654.838	159.3662	52.85942	212.924	12.21602	16.01448	34.85462	1.548497	4.406694	28.33201	13.28262
415270	SWC	21.893	29.21703	0.339577	389.7145	1441.682	116.591	32.17847	148.8456	58.22869	32.98392	61.1676	0.256783	1.659698	0.392632	1.740407
415276	SWC	7.603	19.44377	0.650733	71.06819	188.2124	60.70087	1.67888	54.27097	7.270405	6.621103	28.75588	0.043368	0.607233	0.092775	0.389129
415277	SWC	16.812	43.42433	0.657236	162.2005	445.4344	137.6768	4.082638	123.591	15.55496	14.45556	64.18829	0.09779	1.344951	0.208484	0.874563
415279	SWC	20.819	56.49455	0.690485	186.0739	518.9128	138.6953	4.051005	146.4974	79.73799	59.25672	127.9837	0.119277	4.204526	0.357837	2.07551
415280	SWC	122.55	225.5794	0.468375	5989.098	52739.7	1097.724	327.3486	1415.142	206.6819	167.8758	356.6078	9.508137	31.46952	178.4954	84.69204
415300	SWC	219.659	550.5263	0.63773	1983.418	17441.12	885.3957	288.584	1169.007	523.2413	279.8443	697.5975	1.889229	21.01857	18.08449	28.63019
415304	SWC	2.207	3.068061	0.353728	8.34212	158.5003	9.026174	2.344136	11.37031	3.34519	2.352478	9.00949	0.008342	0.108448	0.066737	0.183527
415305	SWC	0.805	1.199023	0.379	3.260169	61.94321	3.527503	0.916108	4.443611	1.307328	0.919368	3.520983	0.00326	0.042382	0.026081	0.071724
415306	SWC	1.7	2.170728	0.324911	5.902253	112.1428	6.386238	1.658533	8.044771	2.366804	1.664435	6.374433	0.005902	0.076729	0.047218	0.12985
415307	SWC	4.794	5.835649	0.309741	140.7699	255.993	25.00185	8.227436	33.22929	20.42695	11.2684	12.94914	0.102505	0.408429	0.087229	0.31298
415309	SWC	1.203	1.535219	0.324722	4.174292	79.31156	4.516584	1.172976	5.689561	1.673891	1.17715	4.508236	0.004174	0.054266	0.033394	0.091834
415310	SWC	0.408	0.607704	0.379	1.652359	31.39482	1.787852	0.464313	2.252165	0.662596	0.465965	1.784548	0.001652	0.021481	0.013219	0.036352
415311	SWC	0.199	0.309432	0.395658	0.982268	16.86643	0.935533	0.271473	1.207006	0.419818	0.261041	0.908045	0.000841	0.013932	0.006555	0.02168
415312	SWC	1.516	2.02204	0.339389	59.20229	84.90434	9.316963	3.165372	12.48233	8.251854	4.47157	4.137314	0.04275	0.158394	0.02691	0.105434
415320	SWC	65.962	159.2645	0.614374	832.5708	6987.106	504.8878	152.1451	653.9617	384.7751	191.8415	401.2986	0.388559	15.42039	1.777491	15.18057
415350	SWC	15.772	30.01555	0.484247	231.0547	1192.945	75.36958	27.15862	102.5243	55.29761	28.5893	56.0877	0.158591	1.556741	0.371698	1.819652
415400	SWC	30.767	65.88293	0.544873	365.5991	4212.66	206.3489	95.12091	300.9159	185.2146	79.63813	168.1926	0.156589	6.504163	0.969034	8.113957
415500	SWC	695.629	1842.594	0.673999	6270.355	67814.71	3524.02	1496.853	5012.011	2942.78	1317.981	2859.522	2.971993	104.2744	16.89612	127.8434
415505	SWC	26.274	43.84462	0.424617	373.4379	2068.873	136.7108	46.16663	181.0431	99.87422	52.95296	102.0158	0.276058	3.111889	0.60404	3.512446
415510	SWC	6.901	18.90007	0.696881	95.67463	1052.661	50.71903	24.57144	75.32537	49.05049	20.4962	39.96039	0.037242	1.737325	0.220122	2.114974
415515	SWC	7.206	18.33099	0.64729	129.1401	1388.498	64.74482	28.91903	93.66385	52.44073	22.07459	45.25806	0.065156	1.948256	0.743515	2.575977
415520	SWC	25.122	57.2657	0.580026	348.2027	3936.452	186.9383	91.06765	278.0059	178.2967	74.39379	148.1787	0.138054	6.260363	0.841744	7.765533
415530	SWC	34.68	74.39149	0.545823	302.0559	3810.806	190.2207	80.00035	270.2211	148.9518	68.05231	162.2241	0.15082	5.174422	1.017516	6.720848
415540	SWC	19.942	37.22734	0.475008	389.0347	4531.386	129.4488	52.52672	181.9755	77.83631	38.37913	90.25027	0.468147	3.658133	9.855981	7.452578
415545	SWC	32.816	84.9453	0.65866	750.049	7899.782	262.3616	114.3198	377.1103	206.6334	93.01881	180.083	0.758697	8.921449	14.68503	14.46548

Appendix 10-1. Net Pollutant Loads at the Subbasin Level for Sweetwater Creek Watershed

Subbasin ID	Basin ID	Area (acres)	Volume (acre-feet)	Runoff coefficient	BOD5	TSS	TKN	NO3 +NO2	TN	TP	TDP	Oil and Grease	Cd	Cu	Pb	Zn
415550	SWC	38.781	71.0041	0.465878	712.1329	7316.754	261.8103	81.66818	343.3317	84.97802	46.91433	135.0918	0.793374	5.026089	15.70364	10.96483
415600	SWC	163.467	369.7027	0.57548	1260.365	13033.82	787.4042	280.4868	1063.362	539.3059	260.6013	628.6732	0.745493	20.83102	3.516522	23.65654
419902	SWC	11.759	25.88089	0.560036	21.63026	112.0305	30.06984	0.841293	27.31844	6.397295	7.840795	33.35708	0.031549	0.317878	0.12564	0.229499
419910	SWC	60.074	80.62042	0.341481	384.8234	4185.05	269.4962	61.23425	327.8446	63.89216	44.43128	176.1741	0.265171	3.103944	2.695903	5.007947
419920	SWC	62.696	117.8225	0.478185	2675.33	18981.56	572.9605	163.0353	736.1589	79.44025	72.75022	208.3749	3.931991	13.20211	49.78762	28.1727
419922	SWC	3.813	5.605273	0.374057	12.16126	166.928	15.18758	2.257992	16.5758	4.575865	4.064085	16.37472	0.015162	0.172724	0.091289	0.218039
419924	SWC	10.371	14.78798	0.362824	40.47126	545.9052	36.40995	9.328845	45.73879	10.84879	7.975536	32.01259	0.052153	0.495462	0.234697	0.599784
419926	SWC	21.197	24.71854	0.296726	92.68868	832.8431	70.27251	17.3185	87.35499	14.90391	11.96595	52.10469	0.143611	1.083959	0.372418	0.835257
419928	SWC	53.271	74.10426	0.353965	174.4724	2269.285	182.4043	35.0052	211.1012	52.85055	43.51133	176.612	0.237159	2.295553	1.104131	2.70624
419929	SWC	18.57	28.3165	0.388003	66.2805	1217.664	73.03369	17.87167	90.34032	26.38307	19.10337	73.68815	0.06823	0.871149	0.526345	1.426008
419935	SWC	71.255	97.74049	0.349033	275.6708	3758.542	264.9446	60.68157	321.586	78.84346	59.85858	241.322	0.37198	3.491468	1.673993	4.263122
419942	SWC	29.909	35.36346	0.300857	124.2427	1436.222	111.2599	24.89977	134.2342	29.40797	23.11502	95.72892	0.181778	1.54104	0.65285	1.588619
419946	SWC	3.274	4.916839	0.382133	7.041444	21.13238	8.428132	0.131143	7.472931	1.34341	1.813545	8.266647	0.016113	0.105723	0.030232	0.044898
419950	SWC	10.32	15.5963	0.384547	7.376273	58.34889	10.56908	0.594109	10.05386	2.574237	2.889501	12.09944	0.011203	0.114548	0.051356	0.099134
419955	SWC	8.129	11.5158	0.360466	26.27333	391.4983	31.83493	5.43611	35.81055	10.03051	8.474691	33.81662	0.031312	0.366115	0.20011	0.49488
419960	SWC	20.098	28.82136	0.364896	35.60862	341.95	49.11484	3.957536	48.53455	12.7097	13.35255	55.36411	0.051263	0.539227	0.25356	0.525091
419965	SWC	9.405	15.61489	0.422462	80.00782	877.4125	58.27725	14.05981	72.258	13.92338	8.969801	35.54288	0.042036	0.647401	0.241876	0.99452
419970	SWC	34.975	66.58964	0.484458	362.1559	3408.534	228.3345	54.1665	277.8503	63.74996	37.7059	132.7518	0.253508	3.250554	2.273306	4.567787
419980	SWC	4.569	6.711304	0.37376	16.27583	267.082	18.94425	3.811445	22.18396	6.328882	5.006935	19.70803	0.018248	0.221201	0.126262	0.325525

Appendix 11-1. Benchmark Pollutant Loads at the Subbasin Level for Sweetwater Creek Watershed

Subbasin ID	Basin ID	Area (acres)	Volume (acre-feet)	Runoff coefficient	BOD5	TSS	TKN	NO3 +NO2	TN	TP	TDP	Oil and Grease	Cd	Cu	Pb	Zn
410010	SWC	153.999	211.8865	0.350101	576.1237	10946.35	623.3658	161.8907	785.2565	231.0256	162.4669	622.2135	0.576124	7.489607	4.608989	12.67472
410030	SWC	147.966	201.297	0.346165	547.3307	10399.28	592.2118	153.7999	746.0117	219.4796	154.3472	591.1171	0.547331	7.115299	4.378645	12.04127
410040	SWC	3.755	4.751802	0.322	12.92025	245.4847	13.97971	3.63059	17.6103	5.18102	3.64351	13.95387	0.01292	0.167963	0.103362	0.284245
410050	SWC	3.691	5.145761	0.354742	13.99143	265.8372	15.13873	3.931592	19.07032	5.610564	3.945583	15.11075	0.013991	0.181889	0.111931	0.307811
410055	SWC	39.878	55.42869	0.353679	150.7117	2863.523	163.0701	42.35	205.4201	60.43541	42.50071	162.7687	0.150712	1.959253	1.205694	3.315658
410060	SWC	47.88	63.02184	0.334923	171.3577	3255.796	185.409	48.15151	233.5605	68.71443	48.32287	185.0663	0.171358	2.22765	1.370861	3.769869
410065	SWC	27.878	37.14561	0.339042	100.9997	1918.994	109.2816	28.38091	137.6625	40.50087	28.48191	109.0796	0.101	1.312996	0.807997	2.221993
410070	SWC	23.416	30.99022	0.336759	84.26304	1600.998	91.17261	23.67792	114.8505	33.78948	23.76218	91.00409	0.084263	1.09542	0.674104	1.853787
410071	SWC	54.03	70.68019	0.332867	192.1809	3651.437	207.9397	54.00283	261.9426	77.06454	54.19501	207.5554	0.192181	2.498352	1.537447	4.22798
410072	SWC	58.859	76.26235	0.329689	207.3589	3939.819	224.3623	58.26785	282.6302	83.15092	58.47521	223.9476	0.207359	2.695666	1.658871	4.561896
410090	SWC	1.129	1.428704	0.322	3.884677	73.80885	4.20322	1.091594	5.294814	1.557755	1.095479	4.195451	0.003885	0.050501	0.031077	0.085463
410100	SWC	39.467	51.36171	0.331141	139.6535	2653.417	151.1051	39.24265	190.3478	56.00107	39.3823	150.8258	0.139654	1.815496	1.117228	3.072378
410104	SWC	11.09	15.54308	0.356626	42.26194	802.9769	45.72742	11.87561	57.60303	16.94704	11.91787	45.6429	0.042262	0.549405	0.338096	0.929763
410106	SWC	35.812	49.09517	0.348833	133.4908	2536.325	144.437	37.51091	181.9479	53.5298	37.6444	144.17	0.133491	1.73538	1.067926	2.936797
410120	SWC	7.336	9.119907	0.316329	24.79721	471.1471	26.83059	6.968017	33.7986	9.943683	6.992815	26.78099	0.024797	0.322364	0.198378	0.545539
410122	SWC	15.7	20.19356	0.327281	54.9067	1043.227	59.40905	15.42878	74.83783	22.01759	15.48369	59.29924	0.054907	0.713787	0.439254	1.207947
410126	SWC	39.237	50.47287	0.327318	137.2368	2607.499	148.4902	38.56353	187.0537	55.03195	38.70077	148.2157	0.137237	1.784078	1.097894	3.019209
410130	SWC	36.513	50.62007	0.352763	137.637	2615.103	148.9232	38.676	187.5992	55.19244	38.81364	148.648	0.137637	1.789281	1.101096	3.028014
410140	SWC	121.993	164.4548	0.34302	447.156	8495.964	483.8228	125.6508	609.4736	179.3096	126.098	482.9285	0.447156	5.813028	3.577248	9.837432
410145	SWC	5.734	7.256148	0.322	19.72961	374.8627	21.34744	5.544022	26.89147	7.911576	5.563751	21.30798	0.01973	0.256485	0.157837	0.434052
410148	SWC	21.997	27.83632	0.322	75.68754	1438.063	81.89392	21.2682	103.1621	30.3507	21.34389	81.74254	0.075688	0.983938	0.6055	1.665126
410150	SWC	46.626	64.3759	0.35132	175.0394	3325.749	189.3926	49.18607	238.5787	70.1908	49.36111	189.0425	0.175039	2.275512	1.400315	3.850867
410165	SWC	126.948	167.451	0.335637	455.3026	8650.75	492.6374	127.94	620.5775	182.5764	128.3953	491.7268	0.455303	5.918934	3.642421	10.01666
410170	SWC	23.779	30.09137	0.322	81.81906	1554.562	88.52823	22.99116	111.5194	32.80944	23.07298	88.36459	0.081819	1.063648	0.654553	1.800019
410185	SWC	149.432	220.2766	0.375087	598.9366	11379.8	648.0494	168.3012	816.3506	240.1736	168.9001	646.8516	0.598937	7.786176	4.791493	13.17661
410188	SWC	65.974	96.00023	0.37026	261.0266	4959.506	282.4308	73.34848	355.7793	104.6717	73.6095	281.9087	0.261027	3.393346	2.088213	5.742585
410190	SWC	38.316	49.87444	0.331211	135.6096	2576.583	146.7296	38.1063	184.8359	54.37946	38.24191	146.4584	0.13561	1.762925	1.084877	2.983412
410210	SWC	121.178	159.395	0.334702	433.3984	8234.569	468.937	121.7849	590.722	173.7927	122.2183	468.0702	0.433398	5.634179	3.467187	9.534764
410217	SWC	71.531	95.4869	0.33967	259.6308	4932.986	280.9206	72.95627	353.8768	104.112	73.2159	280.4013	0.259631	3.375201	2.077047	5.711879
410218	SWC	75.857	104.678	0.35113	284.6218	5407.813	307.9607	79.97871	387.9394	114.1333	80.26333	307.3915	0.284622	3.700083	2.276974	6.261679
410235	SWC	5.421	7.857068	0.368798	21.36353	405.9071	23.11534	6.003152	29.11849	8.566776	6.024516	23.07261	0.021364	0.277726	0.170908	0.469998
410238	SWC	95.102	130.1703	0.348281	353.9357	6724.778	382.9584	99.45593	482.4143	141.9282	99.80986	382.2505	0.353936	4.601164	2.831485	7.786585
410240	SWC	49.229	64.23617	0.332021	174.6595	3318.53	188.9816	49.07931	238.0609	70.03845	49.25397	188.6322	0.174659	2.270573	1.397276	3.842508
410242	SWC	12.372	15.65627	0.322	42.56972	808.8248	46.06044	11.96209	58.02253	17.07046	12.00466	45.9753	0.04257	0.553406	0.340558	0.936534
410243	SWC	6.187	7.946971	0.326835	21.60798	410.5516	23.37983	6.071842	29.45167	8.664799	6.09345	23.33662	0.021608	0.280904	0.172864	0.475376
410244	SWC	81.327	111.5505	0.349015	303.3081	5762.854	328.1794	85.22958	413.409	121.6266	85.53289	327.5728	0.303308	3.943006	2.426465	6.672779
410245	SWC	27.411	39.33472	0.365139	106.9519	2032.086	115.722	30.05349	145.7754	42.88771	30.16044	115.5081	0.106952	1.390375	0.855615	2.352942
410246	SWC	45.162	60.11966	0.338728	163.4666	3105.865	176.8709	45.93411	222.805	65.55011	46.09758	176.5439	0.163467	2.125066	1.307733	3.596265
410247	SWC	96.872	143.3109	0.376434	389.6654	7403.642	421.6179	109.496	531.1139	156.2558	109.8856	420.8386	0.389665	5.06565	3.117323	8.572638
410248	SWC	12.963	16.40416	0.322	44.60324	847.4616	48.26071	12.53351	60.79422	17.8859	12.57811	48.1715	0.044603	0.579842	0.356826	0.981271
410249	SWC	20.68	28.01688	0.344728	76.17846	1447.391	82.4251	21.40615	103.8312	30.54756	21.48233	82.27274	0.076178	0.99032	0.609428	1.675926
410250	SWC	25.399	34.17406	0.342363	92.91998	1765.48	100.5394	26.11051	126.6499	37.26091	26.20343	100.3536	0.09292	1.20796	0.74336	2.04424
410255	SWC	30.073	38.05618	0.322	103.4755	1966.035	111.9605	29.07662	141.0372	41.49369	29.1801	111.7536	0.103476	1.345182	0.827804	2.276462

Appendix 11-1. Benchmark Pollutant Loads at the Subbasin Level for Sweetwater Creek Watershed

Subbasin ID	Basin ID	Area (acres)	Volume (acre-feet)	Runoff coefficient	BOD5	TSS	TKN	NO3 +NO2	TN	TP	TDP	Oil and Grease	Cd	Cu	Pb	Zn
410270	SWC	7.035	10.95086	0.396088	29.77561	565.7366	32.21721	8.366946	40.58416	11.94002	8.396722	32.15766	0.029776	0.387083	0.238205	0.655063
410275	SWC	3.977	5.036979	0.322272	13.69565	260.2173	14.81869	3.848477	18.66717	5.491955	3.862173	14.7913	0.013696	0.178043	0.109565	0.301304
410276	SWC	23.665	31.52942	0.339013	85.72915	1628.854	92.75894	24.08989	116.8488	34.37739	24.17562	92.58748	0.085729	1.114479	0.685833	1.886041
410277	SWC	7.897	9.993338	0.322	27.17209	516.2697	29.4002	7.635358	37.03556	10.89601	7.66253	29.34586	0.027172	0.353237	0.217377	0.597786
410278	SWC	28.981	36.6743	0.322	99.71817	1894.645	107.8951	28.0208	135.9159	39.98698	28.12052	107.6956	0.099718	1.296336	0.797745	2.1938
410279	SWC	7.187	9.799007	0.34693	26.6437	506.2303	28.82849	7.48688	36.31537	10.68412	7.513524	28.7752	0.026644	0.346368	0.21315	0.586161
410282	SWC	19.91	27.66725	0.353592	75.22781	1429.328	81.3965	21.13902	102.5355	30.16635	21.21424	81.24604	0.075228	0.977962	0.601823	1.655012
410284	SWC	9.547	13.31816	0.354964	36.21236	688.0349	39.18178	10.17567	49.35745	14.52116	10.21189	39.10935	0.036212	0.470761	0.289699	0.796672
410285	SWC	8.703	11.31847	0.330922	30.77516	584.7279	33.29872	8.647819	41.94654	12.34084	8.678594	33.23717	0.030775	0.400077	0.246201	0.677053
410288	SWC	9.976	13.15733	0.335597	35.77504	679.7257	38.70859	10.05279	48.76138	14.34579	10.08856	38.63704	0.035775	0.465076	0.2862	0.787051
410291	SWC	30.561	39.74586	0.330927	108.0698	2053.326	116.9315	30.36762	147.2991	43.33599	30.47569	116.7154	0.10807	1.404908	0.864558	2.377536
410292	SWC	12.455	15.76385	0.322052	42.86224	814.3825	46.37694	12.04429	58.42123	17.18776	12.08715	46.29121	0.042862	0.557209	0.342898	0.942969
410295	SWC	7.484	9.470703	0.322	25.75104	489.2697	27.86262	7.236041	35.09866	10.32617	7.261792	27.81112	0.025751	0.334763	0.206008	0.566523
410296	SWC	27.749	37.77437	0.346384	102.7093	1951.476	111.1314	28.86131	139.9927	41.18642	28.96402	110.926	0.102709	1.335221	0.821674	2.259604
410297	SWC	15.165	20.17158	0.338458	54.84695	1042.092	59.3444	15.41199	74.75639	21.99363	15.46684	59.2347	0.054847	0.71301	0.438776	1.206633
410299	SWC	60.903	82.34359	0.344032	223.8939	4253.984	242.2532	62.91419	305.1674	89.78146	63.13808	241.8054	0.223894	2.910621	1.791151	4.925666
410300	SWC	26.498	35.75338	0.34333	97.21419	1847.07	105.1857	27.31719	132.5029	38.98289	27.4144	104.9913	0.097214	1.263784	0.777713	2.138712
410320	SWC	33.567	47.56223	0.360543	129.3227	2457.131	139.9271	36.33967	176.2668	51.85839	36.46899	139.6685	0.129323	1.681195	1.034581	2.845099
410330	SWC	42.098	55.0684	0.33285	149.7321	2844.91	162.0101	42.07472	204.0849	60.04258	42.22445	161.7107	0.149732	1.946517	1.197857	3.294106
410332	SWC	3.947	5.912834	0.381185	16.07712	305.4652	17.39544	4.51767	21.91311	6.446924	4.533747	17.36329	0.016077	0.209003	0.128617	0.353697
410335	SWC	109.157	152.8976	0.356415	415.7317	7898.903	449.8217	116.8206	566.6423	166.7084	117.2363	448.9903	0.415732	5.404512	3.325854	9.146098
410336	SWC	16.698	24.62566	0.375259	66.95766	1272.196	72.44819	18.8151	91.2633	26.85002	18.88206	72.31428	0.066958	0.87045	0.535661	1.473069
410337	SWC	27.125	39.8283	0.373619	108.294	2057.586	117.1741	30.43061	147.6047	43.42588	30.5389	116.9575	0.108294	1.407822	0.866352	2.382467
410338	SWC	102.74	142.4816	0.35288	387.4104	7360.797	419.178	108.8623	528.0403	155.3516	109.2497	418.4032	0.38741	5.036335	3.099283	8.523028
410340	SWC	17.244	24.07947	0.355317	65.47258	1243.979	70.84133	18.39779	89.23913	26.2545	18.46327	70.71039	0.065473	0.851144	0.523781	1.440397
410341	SWC	10.175	15.30622	0.382773	41.61793	790.7407	45.0306	11.69464	56.72524	16.68879	11.73626	44.94737	0.041618	0.541033	0.332943	0.915595
410342	SWC	9.889	14.40703	0.370706	39.17301	744.2872	42.3852	11.00762	53.39282	15.70838	11.04679	42.30685	0.039173	0.509249	0.313384	0.861806
410343	SWC	11.588	16.72874	0.367335	45.4858	864.2302	49.21564	12.78151	61.99715	18.23981	12.827	49.12467	0.045486	0.591315	0.363886	1.000688
410344	SWC	14.735	19.03767	0.328754	51.76383	983.5128	56.00846	14.54564	70.5541	20.7573	14.5974	55.90494	0.051764	0.67293	0.414111	1.138804
410345	SWC	21.258	31.23149	0.373833	84.91905	1613.462	91.88242	23.86225	115.7447	34.05254	23.94717	91.71258	0.084919	1.103948	0.679352	1.868219
410346	SWC	14.04	20.74998	0.376061	56.41961	1071.973	61.04602	15.85391	76.89993	22.62426	15.91033	60.93318	0.05642	0.733455	0.451357	1.241231
410347	SWC	8.486	12.57967	0.377202	34.20437	649.8831	37.00913	9.611429	46.62056	13.71595	9.645633	36.94072	0.034204	0.444657	0.273635	0.752496
410348	SWC	12.644	17.43571	0.350883	47.40805	900.753	51.29551	13.32166	64.61717	19.01063	13.36907	51.20069	0.047408	0.616305	0.379264	1.042977
410360	SWC	46.988	68.46264	0.370744	186.1513	3536.875	201.4157	52.30852	253.7243	74.64668	52.49467	201.0434	0.186151	2.419967	1.489211	4.095329
410390	SWC	11.833	17.01695	0.365927	46.26943	879.1192	50.06352	13.00171	63.06523	18.55404	13.04798	49.97098	0.046269	0.601503	0.370155	1.017927
410410	SWC	59.197	80.238	0.344896	218.1688	4145.207	236.0586	61.30543	297.3641	87.48568	61.5236	235.6223	0.218169	2.836194	1.74535	4.799713
410430	SWC	20.242	29.33382	0.368742	79.75926	1515.426	86.29952	22.41235	108.7119	31.98346	22.49211	86.14	0.079759	1.03687	0.638074	1.754704
410450	SWC	122.123	178.8974	0.372747	486.4257	9242.089	526.3126	136.6856	662.9983	195.0567	137.1721	525.3398	0.486426	6.323534	3.891406	10.70137
410460	SWC	330.18	480.0655	0.369962	1305.308	24800.85	1412.343	366.7916	1779.135	523.4285	368.0969	1409.733	1.305308	16.96901	10.44246	28.71678
410462	SWC	9.97	14.56714	0.37178	39.60835	752.5586	42.85623	11.12995	53.98618	15.88295	11.16955	42.77702	0.039608	0.514909	0.316867	0.871384
410464	SWC	5.404	7.953844	0.374515	21.62667	410.9067	23.40005	6.077093	29.47715	8.672293	6.09872	23.3568	0.021627	0.281147	0.173013	0.475787
410466	SWC	18.095	25.61578	0.360211	69.64982	1323.347	75.36111	19.5716	94.93271	27.92958	19.64125	75.22181	0.06965	0.905448	0.557199	1.532296
410469	SWC	110.637	166.3209	0.38252	452.2299	8592.369	489.3128	127.0766	616.3894	181.3442	127.5288	488.4083	0.45223	5.878989	3.617839	9.949059

Appendix 11-1. Benchmark Pollutant Loads at the Subbasin Level for Sweetwater Creek Watershed

Subbasin ID	Basin ID	Area (acres)	Volume (acre-feet)	Runoff coefficient	BOD5	TSS	TKN	NO3 +NO2	TN	TP	TDP	Oil and Grease	Cd	Cu	Pb	Zn
410470	SWC	54.245	76.20273	0.357452	207.1968	3936.739	224.1869	58.2223	282.4092	83.08591	58.42949	223.7725	0.207197	2.693558	1.657574	4.558329
410480	SWC	17.717	24.39015	0.350293	66.31731	1260.029	71.75533	18.63516	90.39049	26.59324	18.70148	71.62269	0.066317	0.862125	0.530538	1.458981
410500	SWC	157.625	222.4586	0.359113	604.8695	11492.52	654.4688	169.9683	824.4371	242.5527	170.5732	653.2591	0.60487	7.863304	4.838956	13.30713
410501	SWC	65.543	92.82755	0.360378	252.4	4795.6	273.0968	70.9244	344.0212	101.2124	71.1768	272.592	0.2524	3.2812	2.0192	5.5528
410503	SWC	48.474	68.65588	0.360393	186.6768	3546.858	201.9843	52.45617	254.4404	74.85738	52.64285	201.6109	0.186677	2.426798	1.493414	4.106889
410510	SWC	8.954	12.40282	0.352461	33.72351	640.7468	36.48884	9.476307	45.96515	13.52313	9.510031	36.4214	0.033724	0.438406	0.269788	0.741917
410530	SWC	41.288	58.76722	0.362175	159.7893	3035.996	172.892	44.90078	217.7928	64.0755	45.06057	172.5724	0.159789	2.077261	1.278314	3.515364
410535	SWC	19.934	32.11901	0.409992	87.33225	1659.313	94.49349	24.54036	119.0339	35.02023	24.62769	94.31883	0.087332	1.135319	0.698658	1.921309
410540	SWC	40.941	53.83513	0.334591	146.3788	2781.198	158.3819	41.13245	199.5144	58.69791	41.27883	158.0891	0.146379	1.902925	1.171031	3.220334
410548	SWC	34.76	47.69731	0.349158	129.69	2464.11	140.3246	36.44288	176.7674	52.00568	36.57257	140.0652	0.12969	1.68597	1.03752	2.85318
410560	SWC	5.96	7.749764	0.330864	21.07177	400.3636	22.79965	5.921166	28.72082	8.449778	5.942238	22.75751	0.021072	0.273933	0.168574	0.463579
410570	SWC	125.724	191.0689	0.386704	519.5202	9870.884	562.1209	145.9852	708.1061	208.3276	146.5047	561.0818	0.51952	6.753763	4.156162	11.42944
410580	SWC	490.619	760.5964	0.394473	2068.077	39293.47	2237.66	581.1297	2818.789	829.299	583.1978	2233.523	2.068077	26.885	16.54462	45.4977
410581	SWC	21.953	27.80282	0.322257	75.59644	1436.332	81.79535	21.2426	103.0379	30.31417	21.3182	81.64416	0.075596	0.982754	0.604772	1.663122
410582	SWC	29.38	42.57936	0.368769	115.7742	2199.709	125.2677	32.53254	157.8002	46.42544	32.64832	125.0361	0.115774	1.505064	0.926193	2.547032
410583	SWC	59.063	80.55304	0.347035	219.0254	4161.482	236.9854	61.54613	298.5316	87.82917	61.76515	236.5474	0.219025	2.84733	1.752203	4.818558
410584	SWC	8.639	12.27359	0.361506	33.37213	634.0706	36.10865	9.37757	45.48622	13.38223	9.410942	36.04191	0.033372	0.433838	0.266977	0.734187
410585	SWC	34.761	50.41874	0.369069	137.0896	2604.702	148.331	38.52218	186.8531	54.97293	38.65927	148.0568	0.13709	1.782165	1.096717	3.015971
410586	SWC	49.293	71.50522	0.369114	194.4242	3694.059	210.3669	54.63319	265.0001	77.96409	54.82761	209.9781	0.194424	2.527514	1.555393	4.277332
410590	SWC	22.231	31.3313	0.358614	85.19046	1618.619	92.17608	23.93852	116.1146	34.16137	24.02371	92.0057	0.08519	1.107476	0.681524	1.87419
410600	SWC	62.488	87.41413	0.355953	237.6808	4515.936	257.1706	66.78831	323.959	95.31001	67.02599	256.6953	0.237681	3.089851	1.901447	5.228978
410607	SWC	36.728	53.25748	0.36897	144.8082	2751.355	156.6824	40.6911	197.3735	58.06808	40.83591	156.3928	0.144808	1.882506	1.158465	3.18578
410610	SWC	49.757	71.2503	0.364368	193.731	3680.89	209.617	54.43842	264.0554	77.68615	54.63215	209.2295	0.193731	2.518504	1.549848	4.262083
410620	SWC	184.62	282.6922	0.389621	768.6459	14604.27	831.6748	215.9895	1047.664	308.227	216.7581	830.1375	0.768646	9.992396	6.149167	16.91021
410630	SWC	93.559	131.6024	0.35792	357.8297	6798.764	387.1717	100.5501	487.7219	143.4897	100.908	386.4561	0.35783	4.651786	2.862638	7.872253
410631	SWC	261.068	390.1573	0.380271	1060.846	20156.07	1147.835	298.0977	1445.933	425.3992	299.1585	1145.713	1.060846	13.791	8.486767	23.33861
410633	SWC	18.891	26.33021	0.354656	71.59237	1360.255	77.46295	20.11746	97.5804	28.70854	20.18905	77.31976	0.071592	0.930701	0.572739	1.575032
410635	SWC	90.203	123.4957	0.348368	335.7874	6379.961	363.322	94.35627	457.6783	134.6508	94.69206	362.6504	0.335787	4.365237	2.686299	7.387324
410637	SWC	174.579	246.145	0.358762	669.2733	12716.19	724.1538	188.0658	912.2196	268.3786	188.7351	722.8152	0.669273	8.700553	5.354187	14.72401
410639	SWC	23.324	30.94128	0.337554	84.12999	1598.47	91.02864	23.64053	114.6692	33.73612	23.72466	90.86038	0.08413	1.09369	0.67304	1.85086
410645	SWC	70.031	91.01739	0.330706	247.4782	4702.085	267.7714	69.54136	337.3127	99.23874	69.78884	267.2764	0.247478	3.217216	1.979825	5.44452
410650	SWC	110.294	171.4247	0.395484	466.1073	8856.039	504.3281	130.9762	635.3043	186.909	131.4423	503.3959	0.466107	6.059395	3.728859	10.25436
410657	SWC	22.903	34.0693	0.378511	92.63512	1760.067	100.2312	26.03047	126.2617	37.14668	26.1231	100.0459	0.092635	1.204257	0.741081	2.037973
410660	SWC	56.751	83.96346	0.376465	228.2984	4337.669	247.0189	64.15185	311.1707	91.54765	64.38015	246.5623	0.228298	2.967879	1.826387	5.022565
410665	SWC	29.077	41.8579	0.366299	113.8125	2162.437	123.1451	31.98131	155.1264	45.63881	32.09512	122.9175	0.113812	1.479562	0.9105	2.503875
410670	SWC	10.196	15.71535	0.392195	42.73035	811.8767	46.23424	12.00723	58.24147	17.13487	12.04996	46.14878	0.04273	0.555495	0.341843	0.940068
410680	SWC	8.687	13.57005	0.397483	36.89725	701.0477	39.92282	10.36813	50.29095	14.7958	10.40502	39.84903	0.036897	0.479664	0.295178	0.811739
410682	SWC	87.344	127.4455	0.371278	346.5269	6584.011	374.9421	97.37406	472.3162	138.9573	97.72059	374.2491	0.346527	4.50485	2.772215	7.623592
410684	SWC	84.785	122.8575	0.368715	334.0522	6346.991	361.4445	93.86866	455.3131	133.9549	94.20271	360.7764	0.334052	4.342678	2.672417	7.349148
410800	SWC	57.209	80.7557	0.359183	219.5764	4171.952	237.5817	61.70097	299.2826	88.05014	61.92054	237.1425	0.219576	2.854493	1.756611	4.830681
410801	SWC	84.17	112.654	0.340563	306.3086	5819.864	331.4259	86.07273	417.4987	122.8298	86.37903	330.8133	0.306309	3.982012	2.450469	6.73879
410810	SWC	36.672	54.87322	0.380744	149.2014	2834.827	161.4359	41.9256	203.3615	59.82977	42.0748	161.1375	0.149201	1.939618	1.193611	3.282431
410820	SWC	13.931	20.8655	0.381113	56.73373	1077.941	61.3859	15.94218	77.32807	22.75023	15.99891	61.27243	0.056734	0.737538	0.45387	1.248142

Appendix 11-1. Benchmark Pollutant Loads at the Subbasin Level for Sweetwater Creek Watershed																
Subbasin ID	Basin ID	Area (acres)	Volume (acre-feet)	Runoff coefficient	BOD5	TSS	TKN	NO3 +NO2	TN	TP	TDP	Oil and Grease	Cd	Cu	Pb	Zn
410830	SWC	37.828	55.20701	0.371354	150.109	2852.071	162.4179	42.18063	204.5986	60.19371	42.33074	162.1177	0.150109	1.951417	1.200872	3.302398
410832	SWC	47.018	66.45618	0.359649	180.6957	3433.219	195.5128	50.7755	246.2883	72.45899	50.9562	195.1514	0.180696	2.349044	1.445566	3.975306
410840	SWC	69.367	99.59361	0.365331	270.7971	5145.145	293.0024	76.09398	369.0964	108.5896	76.36478	292.4608	0.270797	3.520362	2.166377	5.957536
410847	SWC	28.952	43.24896	0.380106	117.5948	2234.301	127.2376	33.04414	160.2817	47.15552	33.16174	127.0024	0.117595	1.528733	0.940758	2.587086
410850	SWC	187.538	291.7209	0.395809	793.1951	15070.71	858.2371	222.8878	1081.125	318.0712	223.681	856.6507	0.793195	10.31154	6.345561	17.45029
410852	SWC	36.374	51.73956	0.361942	140.6809	2672.938	152.2168	39.53134	191.7481	56.41306	39.67202	151.9354	0.140681	1.828852	1.125447	3.094981
410854	SWC	34.978	52.85446	0.384498	143.7124	2730.535	155.4968	40.38317	195.8799	57.62865	40.52688	155.2093	0.143712	1.868261	1.149699	3.161672
410855	SWC	23.847	32.60349	0.347887	88.64956	1684.342	95.91882	24.91053	120.8293	35.54847	24.99917	95.74152	0.08865	1.152444	0.709196	1.95029
410856	SWC	22.385	31.85984	0.362155	86.62757	1645.924	93.73103	24.34235	118.0734	34.73765	24.42897	93.55777	0.086628	1.126158	0.693021	1.905806
410857	SWC	15.964	21.91227	0.349263	59.57992	1132.019	64.46548	16.74196	81.20743	23.89155	16.80154	64.34632	0.05958	0.774539	0.476639	1.310758
410858	SWC	7.297	9.972175	0.347739	27.11455	515.1764	29.33794	7.619188	36.95713	10.87293	7.646303	29.28371	0.027115	0.352489	0.216916	0.59652
410860	SWC	28.768	41.91835	0.370768	113.9768	2165.56	123.3229	32.02749	155.3504	45.70472	32.14147	123.095	0.113977	1.481699	0.911815	2.507491
410865	SWC	21.101	30.5387	0.36826	83.03536	1577.672	89.84426	23.33294	113.1772	33.29718	23.41597	89.67819	0.083035	1.07946	0.664283	1.826778
410870	SWC	26.995	40.33003	0.380148	109.6582	2083.506	118.6502	30.81395	149.4641	43.97293	30.92361	118.4308	0.109658	1.425556	0.877266	2.41248
410880	SWC	15.402	21.56159	0.356214	58.6264	1113.902	63.43377	16.47402	79.90778	23.50919	16.53264	63.31651	0.058626	0.762143	0.469011	1.289781
410900	SWC	16.8	24.74577	0.3748	67.28426	1278.401	72.80157	18.90688	91.70845	26.98099	18.97416	72.667	0.067284	0.874695	0.538274	1.480254
411010	SWC	38.169	57.19021	0.381257	155.5014	2954.526	168.2525	43.69588	211.9484	62.35605	43.85139	167.9415	0.155501	2.021518	1.244011	3.42103
411015	SWC	28.159	41.07258	0.371144	111.6772	2121.867	120.8347	31.38129	152.216	44.78255	31.49297	120.6114	0.111677	1.451803	0.893418	2.456898
411020	SWC	54.335	80.16147	0.375399	217.9607	4141.253	235.8335	61.24695	297.0804	87.40223	61.46491	235.3975	0.217961	2.833489	1.743685	4.795135
411025	SWC	37.683	54.88454	0.370606	149.2322	2835.412	161.4692	41.93424	203.4035	59.84211	42.08348	161.1708	0.149232	1.940018	1.193857	3.283108
411040	SWC	42.718	64.80044	0.385989	176.1937	3347.681	190.6416	49.51044	240.152	70.65368	49.68663	190.2892	0.176194	2.290518	1.40955	3.876262
411042	SWC	30.807	45.21414	0.37345	122.9382	2335.826	133.0191	34.54563	167.5647	49.29821	34.66857	132.7732	0.122938	1.598196	0.983505	2.70464
411044	SWC	31.2	47.5428	0.387737	129.2698	2456.127	139.87	36.32483	176.1948	51.83721	36.4541	139.6114	0.12927	1.680508	1.034159	2.843937
411046	SWC	11.787	17.25462	0.372486	46.91566	891.3976	50.76275	13.1833	63.94605	18.81318	13.23022	50.66891	0.046916	0.609904	0.375325	1.032145
411048	SWC	46.497	67.34414	0.368538	183.1101	3479.092	198.1251	51.45394	249.5791	73.42715	51.63705	197.7589	0.18311	2.380431	1.464881	4.028422
411060	SWC	27.685	39.63926	0.364325	107.78	2047.819	116.6179	30.28617	146.9041	43.21976	30.39395	116.4024	0.10778	1.401139	0.86224	2.371159
411065	SWC	10.899	14.6134	0.341171	39.73413	754.9485	42.99233	11.16529	54.15762	15.93339	11.20503	42.91286	0.039734	0.516544	0.317873	0.874151
411066	SWC	10.702	15.75536	0.374603	42.83914	813.9437	46.35195	12.0378	58.38975	17.1785	12.08064	46.26628	0.042839	0.556909	0.342713	0.942461
411070	SWC	29.9	43.64442	0.37142	118.6701	2254.731	128.401	33.34629	161.7473	47.5867	33.46496	128.1637	0.11867	1.542711	0.949361	2.610742
411074	SWC	24.29	37.86841	0.396695	102.965	1956.335	111.4081	28.93317	140.3413	41.28897	29.03613	111.2022	0.102965	1.338545	0.82372	2.26523
411075	SWC	91.121	136.4524	0.381039	371.0168	7049.318	401.4401	104.2557	505.6958	148.7777	104.6267	400.6981	0.371017	4.823218	2.968134	8.162369
411080	SWC	25.244	35.93779	0.362244	97.71559	1856.596	105.7283	27.45808	133.1864	39.18395	27.5558	105.5328	0.097716	1.270303	0.781725	2.149743
411085	SWC	7.584	10.50695	0.352522	28.56862	542.8038	30.91125	8.027783	38.93903	11.45602	8.056351	30.85411	0.028569	0.371392	0.228549	0.62851
411090	SWC	2.481	3.503493	0.35932	9.526069	180.9953	10.30721	2.676825	12.98403	3.819954	2.686352	10.28815	0.009526	0.123839	0.076209	0.209574
411110	SWC	21.528	31.2419	0.369268	84.94736	1614	91.91304	23.87021	115.7833	34.06389	23.95516	91.74315	0.084947	1.104316	0.679579	1.868842
411111	SWC	16.595	25.23742	0.386968	68.62107	1303.8	74.248	19.28252	93.53052	27.51705	19.35114	74.11076	0.068621	0.892074	0.548969	1.509664
411115	SWC	45.334	65.71966	0.368875	178.6931	3395.169	193.3459	50.21276	243.5587	71.65593	50.39145	192.9885	0.178693	2.32301	1.429545	3.931248
411116	SWC	17.34	25.959	0.380931	70.58305	1341.078	76.37086	19.83384	96.2047	28.3038	19.90442	76.22969	0.070583	0.91758	0.564664	1.552827
411120	SWC	43.125	61.88742	0.365158	168.2732	3197.19	182.0716	47.28476	229.3563	67.47754	47.45303	181.735	0.168273	2.187551	1.346185	3.70201
411122	SWC	20.6	30.12098	0.372057	81.89957	1556.092	88.61534	23.01378	111.6291	32.84173	23.09568	88.45154	0.0819	1.064694	0.655197	1.801791
411125	SWC	32.012	47.63006	0.378596	129.5071	2460.635	140.1267	36.3915	176.5182	51.93236	36.52101	139.8677	0.129507	1.683593	1.036057	2.849157
411127	SWC	6.115	8.842716	0.367957	24.04353	456.827	26.0151	6.756231	32.77133	9.641454	6.780275	25.96701	0.024044	0.312566	0.192348	0.528958
411130	SWC	40.813	59.68964	0.372141	162.2974	3083.65	175.6057	45.60556	221.2113	65.08124	45.76785	175.2811	0.162297	2.109866	1.298379	3.570542

Appendix 11-1. Benchmark Pollutant Loads at the Subbasin Level for Sweetwater Creek Watershed

Subbasin ID	Basin ID	Area (acres)	Volume (acre-feet)	Runoff coefficient	BOD5	TSS	TKN	NO3 +NO2	TN	TP	TDP	Oil and Grease	Cd	Cu	Pb	Zn
411135	SWC	29.882	42.61308	0.362861	115.8658	2201.451	125.3668	32.5583	157.9251	46.4622	32.67416	125.1351	0.115866	1.506256	0.926927	2.549048
411138	SWC	7.546	10.52016	0.354742	28.60454	543.4862	30.95011	8.037875	38.98798	11.47042	8.066479	30.8929	0.028605	0.371859	0.228836	0.6293
411587	SWC	34.214	48.8596	0.363374	132.8502	2524.155	143.744	37.33092	181.0749	53.27295	37.46377	143.4783	0.13285	1.727053	1.062802	2.922705
411589	SWC	115.774	163.2031	0.358694	443.7525	8431.297	480.1402	124.6944	604.8346	177.9447	125.1382	479.2527	0.443752	5.768782	3.55002	9.762554
411700	SWC	53.245	76.07864	0.363573	206.8594	3930.328	223.8219	58.12749	281.9493	82.95061	58.33435	223.4081	0.206859	2.689172	1.654875	4.550906
411710	SWC	63.508	85.53912	0.342723	232.5826	4419.07	251.6544	65.35572	317.0101	93.26563	65.5883	251.1892	0.232583	3.023574	1.860661	5.116818
411720	SWC	46.596	68.05522	0.371638	185.0435	3515.827	200.2171	51.99723	252.2143	74.20246	52.18228	199.847	0.185044	2.405566	1.480348	4.070958
411730	SWC	29.917	45.26015	0.384951	123.0633	2338.202	133.1545	34.58078	167.7352	49.34837	34.70384	132.9083	0.123063	1.599823	0.984506	2.707392
411920	SWC	13.785	18.17598	0.335505	49.42087	938.9966	53.47338	13.88726	67.36065	19.81777	13.93669	53.37454	0.049421	0.642471	0.395367	1.087259
411945	SWC	9.774	12.77027	0.332457	34.72262	659.7298	37.56988	9.757057	47.32693	13.92377	9.791779	37.50043	0.034723	0.451394	0.277781	0.763898
411960	SWC	18.267	26.19128	0.364835	71.21464	1353.078	77.05424	20.01131	97.06556	28.55707	20.08253	76.91181	0.071215	0.92579	0.569717	1.566722
411970	SWC	10.586	13.45575	0.323432	36.58645	695.1426	39.58654	10.28079	49.86733	14.67117	10.31738	39.51337	0.036586	0.475624	0.292692	0.804902
411975	SWC	20.961	28.53199	0.34636	77.57906	1474.002	83.94055	21.79972	105.7403	31.10921	21.8773	83.78539	0.077579	1.008528	0.620633	1.706739
411981	SWC	8.949	11.68929	0.332369	31.78342	603.885	34.38966	8.931141	43.3208	12.74515	8.962924	34.32609	0.031783	0.413184	0.254267	0.699235
411983	SWC	17.991	26.32148	0.372274	71.56865	1359.804	77.43728	20.11079	97.54807	28.69903	20.18236	77.29414	0.071569	0.930392	0.572549	1.57451
411986	SWC	47.023	62.14414	0.336277	168.9712	3210.453	182.8268	47.48091	230.3077	67.75745	47.64988	182.4889	0.168971	2.196626	1.35177	3.717366
411987	SWC	14.464	19.05207	0.335167	51.80296	984.2562	56.0508	14.55663	70.60744	20.77299	14.60843	55.9472	0.051803	0.673438	0.414424	1.139665
412940	SWC	5.71	8.263532	0.368245	22.46871	426.9056	24.31115	6.313709	30.62486	9.009955	6.336178	24.26621	0.022469	0.292093	0.17975	0.494312
412960	SWC	48.468	67.12384	0.352395	182.5111	3467.711	197.477	51.28562	248.7626	73.18695	51.46813	197.112	0.182511	2.372644	1.460089	4.015244
412980	SWC	39.942	53.80724	0.342782	146.303	2779.757	158.2998	41.11114	199.411	58.6675	41.25744	158.0072	0.146303	1.901939	1.170424	3.218666
412990	SWC	4.254	5.383267	0.322	14.63721	278.1071	15.83746	4.113057	19.95052	5.869523	4.127694	15.80819	0.014637	0.190284	0.117098	0.322019
413900	SWC	39.564	56.26348	0.361854	152.9816	2906.65	165.5261	42.98782	208.5139	61.34561	43.1408	165.2201	0.152982	1.98876	1.223853	3.365595
413910	SWC	25.333	32.20093	0.323437	87.555	1663.545	94.73451	24.60296	119.3375	35.10956	24.69051	94.5594	0.087555	1.138215	0.70044	1.92621
413911	SWC	10.173	13.25637	0.331576	36.04434	684.8425	38.99998	10.12846	49.12844	14.45378	10.1645	38.92789	0.036044	0.468576	0.288355	0.792976
413912	SWC	8.154	10.69037	0.333603	29.06734	552.2794	31.45086	8.167922	39.61878	11.656	8.196989	31.39272	0.029067	0.377875	0.232539	0.639481
413913	SWC	17.377	23.21865	0.339993	63.13199	1199.508	68.30882	17.74009	86.04891	25.31593	17.80322	68.18255	0.063132	0.820716	0.505056	1.388904
413916	SWC	3.557	4.501241	0.322	12.23897	232.5404	13.24256	3.43915	16.68171	4.907826	3.451389	13.21809	0.012239	0.159107	0.097912	0.269257
413917	SWC	7.48	9.519545	0.323834	25.88384	491.7929	28.00631	7.273359	35.27967	10.37942	7.299242	27.95455	0.025884	0.33649	0.207071	0.569444
413918	SWC	2.729	3.500978	0.326432	9.51923	180.8654	10.29981	2.674904	12.97471	3.817211	2.684423	10.28077	0.009519	0.12375	0.076154	0.209423
413930	SWC	27.856	37.6203	0.343646	102.2904	1943.517	110.6782	28.7436	139.4218	41.01844	28.84589	110.4736	0.10229	1.329775	0.818323	2.250388
413940	SWC	123.649	177.9075	0.36611	483.7342	9190.949	523.4004	135.9293	659.3297	193.9774	136.413	522.4329	0.483734	6.288544	3.869873	10.64215
413944	SWC	46.548	63.62016	0.347777	172.9845	3286.706	187.1693	48.60865	235.7779	69.3668	48.78164	186.8233	0.172985	2.248799	1.383876	3.80566
413946	SWC	54.417	75.6332	0.35366	205.6482	3907.317	222.5114	57.78716	280.2985	82.46494	57.9928	222.1001	0.205648	2.673427	1.645186	4.524261
413960	SWC	57.294	79.42164	0.352726	215.9491	4103.032	233.6569	60.68169	294.3386	86.59558	60.89764	233.225	0.215949	2.807338	1.727593	4.750879
413962	SWC	60.496	85.2304	0.358489	231.7432	4403.121	250.7461	65.11984	315.866	92.92903	65.35158	250.2827	0.231743	3.012662	1.853946	5.098351
413964	SWC	11.246	14.62821	0.330979	39.77442	755.7139	43.03592	11.17661	54.21253	15.94954	11.21639	42.95637	0.039774	0.517067	0.318195	0.875037
413966	SWC	37.346	47.25987	0.322	128.5006	2441.511	139.0376	36.10866	175.1463	51.52872	36.23716	138.7806	0.128501	1.670507	1.028004	2.827012
413968	SWC	46.667	59.05522	0.322	160.5724	3050.875	173.7393	45.12083	218.8601	64.38952	45.28141	173.4182	0.160572	2.087441	1.284579	3.532592
413980	SWC	184.822	238.7201	0.328657	649.0848	12332.61	702.3097	182.3928	884.7026	260.283	183.0419	701.0116	0.649085	8.438102	5.192678	14.27987
414050	SWC	7.817	10.65482	0.346827	28.97067	550.4428	31.34627	8.140759	39.48703	11.61724	8.16973	31.28833	0.028971	0.376619	0.231765	0.637355
414100	SWC	9.098	11.51316	0.322	31.30451	594.7856	33.87148	8.796566	42.66804	12.55311	8.827871	33.80887	0.031305	0.406959	0.250436	0.688699
414150	SWC	47.386	59.96933	0.322023	163.0578	3098.099	176.4286	45.81926	222.2478	65.3862	45.98231	176.1025	0.163058	2.119752	1.304463	3.587273
414155	SWC	126.48	164.085	0.330107	446.1505	8476.86	482.7349	125.3683	608.1032	178.9064	125.8145	481.8426	0.446151	5.799957	3.569204	9.815312

Appendix 11-1. Benchmark Pollutant Loads at the Subbasin Level for Sweetwater Creek Watershed

Subbasin ID	Basin ID	Area (acres)	Volume (acre-feet)	Runoff coefficient	BOD5	TSS	TKN	NO3 +NO2	TN	TP	TDP	Oil and Grease	Cd	Cu	Pb	Zn
414205	SWC	26.311	33.39484	0.322961	90.80125	1725.224	98.24695	25.51515	123.7621	36.4113	25.60595	98.06535	0.090801	1.180416	0.72641	1.997627
414250	SWC	82.711	116.5119	0.358438	316.7982	6019.166	342.7757	89.0203	431.796	127.0361	89.3371	342.1421	0.316798	4.118377	2.534386	6.969561
414300	SWC	39.728	54.30171	0.347796	147.6475	2805.302	159.7545	41.48894	201.2435	59.20663	41.63658	159.4593	0.147647	1.919417	1.18118	3.248244
414301	SWC	15.063	20.63035	0.3485	56.09436	1065.793	60.6941	15.76251	76.45661	22.49384	15.81861	60.58191	0.056094	0.729227	0.448755	1.234076
414343	SWC	17.462	23.36908	0.34053	63.54102	1207.279	68.75139	17.85503	86.60641	25.47995	17.91857	68.6243	0.063541	0.826033	0.508328	1.397903
414345	SWC	73.085	103.4528	0.360182	281.2904	5344.517	304.3562	79.04259	383.3988	112.7974	79.32388	303.7936	0.28129	3.656775	2.250323	6.188388
414350	SWC	5.79	7.327013	0.322	19.9223	378.5237	21.55593	5.598166	27.1541	7.988842	5.618089	21.51608	0.019922	0.25899	0.159378	0.438291
414351	SWC	90.515	119.4225	0.335717	324.7122	6169.531	351.3386	91.24412	442.5827	130.2096	91.56883	350.6891	0.324712	4.221258	2.597697	7.143668
414354	SWC	28.392	35.92894	0.322	97.69153	1856.139	105.7022	27.45132	133.1536	39.1743	27.54901	105.5069	0.097692	1.26999	0.781532	2.149214
414357	SWC	37.336	53.91177	0.36742	146.5872	2785.157	158.6074	41.19101	199.7984	58.78147	41.3376	158.3142	0.146587	1.905634	1.172698	3.224919
414359	SWC	89.714	127.9115	0.362791	347.794	6608.086	376.3131	97.73011	474.0432	139.4654	98.07791	375.6175	0.347794	4.521322	2.782352	7.651468
414360	SWC	58.989	81.29201	0.350658	221.0347	4199.659	239.1595	62.11074	301.2702	88.6349	62.33177	238.7174	0.221035	2.873451	1.768277	4.862763
414362	SWC	46.665	61.63515	0.336082	167.5872	3184.158	181.3294	47.09201	228.4214	67.20248	47.2596	180.9942	0.167587	2.178634	1.340698	3.686919
414365	SWC	91.09	128.3998	0.358675	349.1217	6633.312	377.7497	98.1032	475.8529	139.9978	98.45232	377.0514	0.349122	4.538582	2.792974	7.680677
414366	SWC	64.036	91.49729	0.363573	248.783	4726.877	269.1832	69.90803	339.0912	99.76199	70.15681	268.6857	0.248783	3.234179	1.990264	5.473226
414368	SWC	17.191	21.75452	0.322	59.151	1123.869	64.00138	16.62143	80.62281	23.71955	16.68058	63.88308	0.059151	0.768963	0.473208	1.301322
414450	SWC	106.903	137.6575	0.327655	374.2935	7111.577	404.9856	105.1765	510.1621	150.0917	105.5508	404.237	0.374294	4.865816	2.994348	8.234458
414500	SWC	3.898	5.211196	0.340175	14.16935	269.2176	15.33124	3.981587	19.31282	5.681909	3.995756	15.3029	0.014169	0.184202	0.113355	0.311726
414510	SWC	4.346	5.679227	0.332512	15.44194	293.3968	16.70817	4.339184	21.04736	6.192216	4.354626	16.67729	0.015442	0.200745	0.123535	0.339723
414520	SWC	11.825	16.14104	0.347326	43.88781	833.8684	47.48661	12.33247	59.81909	17.59901	12.37636	47.39884	0.043888	0.570542	0.351102	0.965532
414530	SWC	26.543	37.42392	0.358762	101.7564	1933.372	110.1004	28.59355	138.694	40.80432	28.69531	109.8969	0.101756	1.322833	0.814051	2.238641
414540	SWC	39.55	50.91905	0.327598	138.4499	2630.549	149.8028	38.90443	188.7073	55.51842	39.04288	149.5259	0.13845	1.799849	1.107599	3.045899
414560	SWC	4.232	5.637255	0.338945	15.32781	291.2284	16.58469	4.307115	20.89181	6.146453	4.322443	16.55404	0.015328	0.199262	0.122622	0.337212
414570	SWC	23.473	30.92356	0.335219	84.08179	1597.554	90.9765	23.62698	114.6035	33.7168	23.71107	90.80834	0.084082	1.093063	0.672654	1.849799
414580	SWC	2.055	3.007983	0.372453	8.178767	155.3966	8.849426	2.298234	11.14766	3.279686	2.306412	8.833068	0.008179	0.106324	0.06543	0.179933
414582	SWC	9.401	14.06633	0.380727	38.24663	726.686	41.38286	10.7473	52.13016	15.3369	10.78555	41.30636	0.038247	0.497206	0.305973	0.841426
414590	SWC	23.754	34.16874	0.366016	92.90551	1765.205	100.5238	26.10645	126.6302	37.25511	26.19935	100.3379	0.092906	1.207772	0.743244	2.043921
414592	SWC	18.509	24.45124	0.336144	66.48343	1263.185	71.93507	18.68184	90.61691	26.65986	18.74833	71.8021	0.066483	0.864285	0.531867	1.462635
414600	SWC	16.606	21.01423	0.322	57.13812	1085.624	61.82345	16.05581	77.87926	22.91239	16.11295	61.70917	0.057138	0.742796	0.457105	1.257039
414650	SWC	26.763	33.86751	0.322	92.08645	1749.642	99.63754	25.87629	125.5138	36.92667	25.96838	99.45336	0.092086	1.197124	0.736692	2.025902
414660	SWC	63.845	86.82578	0.346042	236.0811	4485.54	255.4397	66.33878	321.7785	94.66851	66.57486	254.9676	0.236081	3.069054	1.888649	5.193784
414670	SWC	63.981	89.06667	0.354219	242.1741	4601.308	262.0324	68.05093	330.0833	97.11182	68.2931	261.548	0.242174	3.148263	1.937393	5.32783
414680	SWC	65.486	87.42365	0.339694	237.7067	4516.427	257.1986	66.79558	323.9942	95.32039	67.03329	256.7232	0.237707	3.090187	1.901654	5.229547
414700	SWC	83.543	115.2036	0.350884	313.2409	5951.578	338.9267	88.0207	426.9474	125.6096	88.33394	338.3002	0.313241	4.072132	2.505927	6.8913
414710	SWC	59.537	88.55744	0.378482	240.7895	4575.001	260.5343	67.66185	328.1961	96.5566	67.90264	260.0527	0.24079	3.130264	1.926316	5.297369
414720	SWC	68.671	103.1863	0.382346	280.5658	5330.749	303.5722	78.83898	382.4111	112.5069	79.11954	303.011	0.280566	3.647355	2.244526	6.172447
414760	SWC	46.437	62.22085	0.340941	169.1798	3214.416	183.0525	47.53952	230.592	67.84109	47.7087	182.7142	0.16918	2.199337	1.353438	3.721955
414850	SWC	31.099	47.93969	0.392244	130.349	2476.631	141.0376	36.62807	177.6657	52.26995	36.75842	140.7769	0.130349	1.694537	1.042792	2.867678
414855	SWC	11.551	17.43009	0.383961	47.39278	900.4628	51.27899	13.31737	64.59636	19.0045	13.36476	51.1842	0.047393	0.616106	0.379142	1.042641
414900	SWC	25.044	37.98838	0.385971	103.2912	1962.533	111.7611	29.02483	140.7859	41.41977	29.12812	111.5545	0.103291	1.342786	0.82633	2.272406
415150	SWC	14.178	19.82687	0.355833	53.90966	1024.283	58.33025	15.14861	73.47886	21.61777	15.20252	58.22243	0.05391	0.700826	0.431277	1.186012
415170	SWC	27.418	38.42592	0.356612	104.4809	1985.137	113.0483	29.35913	142.4074	41.89683	29.46361	112.8394	0.104481	1.358251	0.835847	2.298579
415185	SWC	85.23	121.1305	0.361633	329.3562	6257.769	356.3635	92.54911	448.9126	132.0719	92.87846	355.7047	0.329356	4.281631	2.63485	7.245837

Appendix 11-1. Benchmark Pollutant Loads at the Subbasin Level for Sweetwater Creek Watershed

Subbasin ID	Basin ID	Area (acres)	Volume (acre-feet)	Runoff coefficient	BOD5	TSS	TKN	NO3 +NO2	TN	TP	TDP	Oil and Grease	Cd	Cu	Pb	Zn
415190	SWC	10.992	16.55018	0.383119	45.00027	855.0052	48.69029	12.64508	61.33537	18.04511	12.69008	48.60029	0.045	0.585004	0.360002	0.990006
415195	SWC	54.368	80.45149	0.376529	218.7493	4156.236	236.6867	61.46854	298.1552	87.71845	61.68729	236.2492	0.218749	2.84374	1.749994	4.812484
415199	SWC	60.801	85.56345	0.358084	232.6488	4420.327	251.726	65.37431	317.1003	93.29216	65.60696	251.2607	0.232649	3.024434	1.86119	5.118273
415200	SWC	32.888	47.8482	0.370199	130.1002	2471.905	140.7685	36.55817	177.3266	52.1702	36.68827	140.5083	0.1301	1.691303	1.040802	2.862205
415210	SWC	10.623	14.50875	0.347528	39.44959	749.5422	42.68446	11.08534	53.76979	15.81929	11.12478	42.60556	0.03945	0.512845	0.315597	0.867891
415270	SWC	21.893	31.72749	0.368755	86.26769	1639.086	93.34164	24.24122	117.5829	34.59334	24.32749	93.16911	0.086268	1.12148	0.690142	1.897889
415276	SWC	7.603	10.5254	0.352258	28.61877	543.7566	30.96551	8.041875	39.00738	11.47613	8.070493	30.90827	0.028619	0.372044	0.22895	0.629613
415277	SWC	16.812	23.60708	0.357298	64.18814	1219.575	69.45157	18.03687	87.48844	25.73944	18.10106	69.32319	0.064188	0.834446	0.513505	1.412139
415279	SWC	20.819	31.00928	0.379	84.31486	1601.982	91.22868	23.69248	114.9212	33.81026	23.77679	91.06005	0.084315	1.096093	0.674519	1.854927
415280	SWC	122.55	180.365	0.374495	490.4161	9317.906	530.6302	137.8069	668.4372	196.6569	138.2973	529.6494	0.490416	6.37541	3.923329	10.78915
415300	SWC	219.659	326.9231	0.378708	888.9107	16889.3	961.8014	249.7839	1211.585	356.4532	250.6728	960.0236	0.888911	11.55584	7.111286	19.55604
415304	SWC	2.207	3.068061	0.353728	8.34212	158.5003	9.026174	2.344136	11.37031	3.34519	2.352478	9.00949	0.008342	0.108448	0.066737	0.183527
415305	SWC	0.805	1.199023	0.379	3.260169	61.94321	3.527503	0.916108	4.443611	1.307328	0.919368	3.520983	0.00326	0.042382	0.026081	0.071724
415306	SWC	1.7	2.170728	0.324911	5.902253	112.1428	6.386238	1.658533	8.044771	2.366804	1.664435	6.374433	0.005902	0.076729	0.047218	0.12985
415307	SWC	4.794	6.465314	0.343162	17.57932	334.0071	19.02083	4.939789	23.96061	7.049308	4.957369	18.98567	0.017579	0.228531	0.140635	0.386745
415309	SWC	1.203	1.535219	0.324722	4.174292	79.31156	4.516584	1.172976	5.689561	1.673891	1.17715	4.508236	0.004174	0.054266	0.033394	0.091834
415310	SWC	0.408	0.607704	0.379	1.652359	31.39482	1.787852	0.464313	2.252165	0.662596	0.465965	1.784548	0.001652	0.021481	0.013219	0.036352
415311	SWC	0.199	0.296405	0.379	0.80593	15.31267	0.872016	0.226466	1.098483	0.323178	0.227272	0.870404	0.000806	0.010477	0.006447	0.01773
415312	SWC	1.516	2.246592	0.377079	6.108531	116.0621	6.60943	1.716497	8.325928	2.449521	1.722606	6.597213	0.006109	0.079411	0.048868	0.134388
415320	SWC	65.962	89.73926	0.346175	244.0029	4636.055	264.0111	68.56481	332.5759	97.84516	68.80882	263.5231	0.244003	3.172038	1.952023	5.368064
415350	SWC	15.772	22.68491	0.36598	61.68073	1171.934	66.73855	17.33229	84.07083	24.73397	17.39397	66.61519	0.061681	0.801849	0.493446	1.356976
415400	SWC	30.767	41.53589	0.343515	112.937	2145.802	122.1978	31.73528	153.9331	45.28772	31.84822	121.9719	0.112937	1.46818	0.903496	2.484613
415500	SWC	695.629	1033.4	0.378006	2809.837	53386.9	3040.243	789.5641	3829.808	1126.745	792.374	3034.624	2.809837	36.52788	22.47869	61.81641
415505	SWC	26.274	34.80395	0.337062	94.63266	1798.02	102.3925	26.59178	128.9843	37.9477	26.68641	102.2033	0.094633	1.230225	0.757061	2.081918
415510	SWC	6.901	10.33524	0.38108	28.10172	533.9327	30.40606	7.896583	38.30264	11.26879	7.924685	30.34986	0.028102	0.365322	0.224814	0.618238
415515	SWC	7.206	10.46374	0.369488	28.45113	540.5715	30.78413	7.994768	38.77889	11.4089	8.023219	30.72722	0.028451	0.369865	0.227609	0.625925
415520	SWC	25.122	32.23253	0.326473	87.64092	1665.177	94.82747	24.6271	119.4546	35.14401	24.71474	94.65219	0.087641	1.139332	0.701127	1.9281
415530	SWC	34.68	48.65293	0.356975	132.2883	2513.478	143.136	37.17302	180.309	53.04762	37.30531	142.8714	0.132288	1.719748	1.058307	2.910343
415540	SWC	19.942	28.80437	0.367534	78.31966	1488.074	84.74187	22.00783	106.7497	31.40618	22.08614	84.58524	0.07832	1.018156	0.626557	1.723033
415545	SWC	32.816	48.70545	0.377659	132.4311	2516.191	143.2905	37.21315	180.5036	53.10488	37.34558	143.0256	0.132431	1.721605	1.059449	2.913485
415550	SWC	38.781	57.69811	0.378573	156.8824	2980.765	169.7467	44.08394	213.8307	62.90983	44.24083	169.433	0.156882	2.039471	1.255059	3.451412
415600	SWC	163.467	224.5633	0.349556	610.5923	11601.25	660.6608	171.5764	832.2373	244.8475	172.187	659.4396	0.610592	7.937699	4.884738	13.43303
419902	SWC	11.759	17.34141	0.375251	47.15166	895.8815	51.01809	13.24962	64.26771	18.90781	13.29677	50.92379	0.047152	0.612972	0.377213	1.037336
419910	SWC	60.074	86.61755	0.366882	235.5149	4474.783	254.8271	66.17969	321.0068	94.44148	66.41521	254.3561	0.235515	3.061694	1.884119	5.181328
419920	SWC	62.696	91.03989	0.369487	247.5393	4703.247	267.8376	69.55855	337.3961	99.26327	69.80609	267.3425	0.247539	3.218011	1.980315	5.445865
419922	SWC	3.813	5.700394	0.380404	15.49949	294.4903	16.77045	4.355357	21.1258	6.215295	4.370856	16.73945	0.015499	0.201493	0.123996	0.340989
419924	SWC	10.371	13.56635	0.332851	36.88719	700.8566	39.91194	10.3653	50.27724	14.79176	10.40219	39.83817	0.036887	0.479533	0.295098	0.811518
419926	SWC	21.197	26.92922	0.323264	73.2211	1391.201	79.22522	20.57513	99.80035	29.36166	20.64835	79.07878	0.073221	0.951874	0.585769	1.610864
419928	SWC	53.271	77.16471	0.368583	209.8124	3986.436	227.0171	58.9573	285.9744	84.13479	59.16711	226.5974	0.209812	2.727562	1.6785	4.615874
419929	SWC	18.57	27.75551	0.380316	75.46781	1433.888	81.65617	21.20645	102.8626	30.26259	21.28192	81.50523	0.075468	0.981081	0.603742	1.660292
419935	SWC	71.255	97.04093	0.346535	263.8563	5013.269	285.4925	74.14362	359.6361	105.8064	74.40747	284.9648	0.263856	3.430132	2.11085	5.804838
419942	SWC	29.909	39.18792	0.333394	106.5528	2024.502	115.2901	29.94132	145.2314	42.72765	30.04788	115.077	0.106553	1.385186	0.852422	2.344161
419946	SWC	3.274	4.613396	0.35855	12.54392	238.3344	13.57252	3.524841	17.09736	5.030111	3.537385	13.54743	0.012544	0.163071	0.100351	0.275966

Appendix 11-1. Benchmark Pollutant Loads at the Subbasin Level for Sweetwater Creek Watershed

Subbasin ID	Basin ID	Area (acres)	Volume (acre-feet)	Runoff coefficient	BOD5	TSS	TKN	NO3 +NO2	TN	TP	TDP	Oil and Grease	Cd	Cu	Pb	Zn
419950	SWC	10.32	15.96652	0.393675	43.41331	824.8529	46.9732	12.19914	59.17234	17.40874	12.24255	46.88638	0.043413	0.564373	0.347306	0.955093
419955	SWC	8.129	11.5158	0.360466	31.31169	594.922	33.87924	8.798584	42.67783	12.55599	8.829896	33.81662	0.031312	0.407052	0.250493	0.688857
419960	SWC	20.098	26.8381	0.339787	72.97335	1386.494	78.95716	20.50551	99.46267	29.26231	20.57848	78.81121	0.072973	0.948653	0.583787	1.605414
419965	SWC	9.405	12.93501	0.349958	35.17056	668.2406	38.05454	9.882927	47.93747	14.10339	9.918097	37.9842	0.035171	0.457217	0.281364	0.773752
419970	SWC	34.975	47.66717	0.346792	129.608	2462.553	140.2359	36.41986	176.6557	51.97282	36.54946	139.9767	0.129608	1.684904	1.036864	2.851377
419980	SWC	4.569	6.711304	0.37376	18.24817	346.7153	19.74452	5.127737	24.87226	7.317518	5.145985	19.70803	0.018248	0.237226	0.145985	0.40146

Appendix 11-2. Water Quality Level of Service at the Subbasin Level for Sweetwater Creek Watershed													
Subbasin ID	Basin ID	BOD5	TSS	TKN	NO3 +NO2	TN	TP	TDP	Oil and Grease	Cd	Cu	Pb	Zn
410010	SWC	F	F	F	F	F	F	F	F	F	F	F	F
410030	SWC	F	F	F	F	F	F	F	F	F	F	F	F
410040	SWC	F	F	D	F	F	F	F	D	D	F	C	F
410050	SWC	F	F	F	F	F	F	F	D	D	F	C	F
410055	SWC	F	D	F	F	F	C	C	C	F	F	C	C
410060	SWC	F	D	F	F	F	F	F	D	D	F	B	F
410065	SWC	F	B	D	C	C	A	A	B	F	D	B	A
410070	SWC	F	F	F	F	F	D	F	C	F	F	F	F
410071	SWC	F	F	F	F	F	D	D	C	F	F	F	F
410072	SWC	F	F	F	F	F	D	D	F	F	F	F	F
410090	SWC	F	F	F	F	F	B	D	B	F	F	F	F
410100	SWC	F	D	F	D	F	D	D	F	D	F	D	F
410104	SWC	F	F	F	F	F	F	D	F	F	F	D	F
410106	SWC	F	D	F	D	F	D	D	F	F	F	C	F
410120	SWC	F	D	F	F	F	C	C	F	D	D	C	F
410122	SWC	F	F	F	F	F	F	F	F	F	F	F	F
410126	SWC	F	F	F	D	F	F	F	F	F	F	F	F
410130	SWC	D	B	C	B	C	B	B	C	B	B	A	C
410140	SWC	F	D	F	B	F	C	C	F	F	F	F	F
410145	SWC	F	F	F	F	F	D	F	F	F	F	F	F
410148	SWC	F	F	F	F	F	F	F	F	F	F	F	F
410150	SWC	F	F	F	F	F	F	F	F	F	F	F	F
410165	SWC	F	F	F	F	F	C	F	C	F	F	F	F
410170	SWC	F	F	F	F	F	D	F	F	F	F	F	F
410185	SWC	F	F	F	C	F	A	C	B	F	F	F	F
410188	SWC	F	D	F	C	F	D	C	F	D	F	C	F
410190	SWC	F	F	F	F	F	C	D	F	F	F	F	F
410210	SWC	F	D	F	D	F	C	C	F	F	F	C	F
410217	SWC	F	F	F	D	F	F	D	F	F	F	F	F
410218	SWC	F	C	F	D	F	B	C	D	D	D	B	D
410235	SWC	F	B	F	F	F	A	B	C	C	A	A	A
410238	SWC	F	C	F	C	F	F	F	F	F	F	F	F
410240	SWC	F	D	F	C	F	D	D	F	F	F	C	F
410242	SWC	F	F	F	F	F	D	C	D	F	F	C	F

Appendix 11-2. Water Quality Level of Service at the Subbasin Level for Sweetwater Creek Watershed													
Subbasin ID	Basin ID	BOD5	TSS	TKN	NO3 +NO2	TN	TP	TDP	Oil and Grease	Cd	Cu	Pb	Zn
410243	SWC	F	F	F	F	F	F	F	F	F	F	D	F
410244	SWC	F	F	F	F	F	F	F	F	F	F	D	F
410245	SWC	F	D	F	D	F	F	F	F	F	F	C	F
410246	SWC	F	F	F	F	F	F	F	F	F	F	D	F
410247	SWC	F	F	F	F	F	F	F	F	F	F	D	F
410248	SWC	F	F	F	F	F	F	F	F	F	F	F	F
410249	SWC	F	F	F	F	F	F	F	F	F	F	D	F
410250	SWC	F	C	F	B	D	D	D	F	D	F	C	F
410255	SWC	F	F	F	F	F	F	F	F	F	F	D	F
410270	SWC	F	F	F	F	F	F	F	F	F	F	F	F
410275	SWC	F	F	F	F	F	F	F	F	F	F	F	F
410276	SWC	F	F	F	F	F	F	F	F	F	F	D	F
410277	SWC	F	F	F	F	F	F	F	F	F	F	F	F
410278	SWC	F	F	F	F	F	F	F	F	F	F	F	F
410279	SWC	F	B	F	A	F	F	F	F	F	F	C	F
410282	SWC	F	F	F	D	F	F	F	F	F	F	F	F
410284	SWC	F	F	F	F	F	F	F	F	F	F	F	F
410285	SWC	F	F	F	F	F	F	F	F	F	F	F	F
410288	SWC	F	B	F	A	F	F	F	F	F	F	C	F
410291	SWC	F	F	F	F	F	F	F	F	F	F	F	F
410292	SWC	F	F	F	F	F	F	F	F	F	F	F	F
410295	SWC	F	F	F	F	F	F	F	F	F	F	F	F
410296	SWC	F	F	F	F	F	F	F	F	F	F	D	F
410297	SWC	F	F	F	F	F	F	F	F	F	F	F	F
410299	SWC	F	F	D	D	D	D	D	D	F	F	F	F
410300	SWC	F	F	F	F	F	F	F	F	F	F	F	F
410320	SWC	F	F	F	F	F	F	F	F	F	F	F	F
410330	SWC	F	F	F	F	F	F	F	F	F	F	F	F
410332	SWC	C	A	C	A	C	B	C	C	C	C	B	B
410335	SWC	F	F	D	F	D	D	D	D	F	F	F	F
410336	SWC	F	F	D	D	D	C	D	D	F	F	F	F
410337	SWC	D	D	D	D	D	D	D	D	D	D	D	D
410338	SWC	F	F	F	F	F	F	F	D	F	F	F	F
410340	SWC	F	F	F	F	F	F	F	F	F	F	D	F

Appendix 11-2. Water Quality Level of Service at the Subbasin Level for Sweetwater Creek Watershed													
Subbasin ID	Basin ID	BOD5	TSS	TKN	NO3 +NO2	TN	TP	TDP	Oil and Grease	Cd	Cu	Pb	Zn
410341	SWC	C	B	C	A	C	C	C	D	D	C	C	B
410342	SWC	F	A	C	B	C	A	A	B	C	A	A	A
410343	SWC	F	D	F	F	F	D	D	C	F	F	B	D
410344	SWC	F	F	F	F	F	F	F	F	F	F	D	F
410345	SWC	F	F	F	F	F	F	F	F	F	F	F	F
410346	SWC	F	F	F	F	F	F	F	F	F	F	D	F
410347	SWC	F	C	F	D	F	F	F	F	F	F	C	F
410348	SWC	F	F	F	F	F	F	F	F	F	F	D	F
410360	SWC	F	D	F	F	F	F	F	C	F	F	C	F
410390	SWC	F	F	F	F	F	C	F	D	F	F	F	F
410410	SWC	F	F	F	F	F	F	F	F	F	F	F	F
410430	SWC	F	F	F	F	F	F	F	F	F	F	F	F
410450	SWC	F	F	F	F	F	F	F	F	F	F	D	F
410460	SWC	F	F	F	F	F	F	F	D	F	F	F	F
410462	SWC	D	C	C	D	C	D	C	C	C	D	C	D
410464	SWC	C	C	C	C	C	C	C	C	C	C	C	C
410466	SWC	F	F	F	F	F	D	D	D	F	F	F	F
410469	SWC	F	F	F	F	F	F	F	F	F	F	D	F
410470	SWC	F	F	F	F	F	F	F	D	F	F	F	F
410480	SWC	D	D	D	D	D	D	D	D	D	D	D	D
410500	SWC	F	D	F	D	D	D	D	D	F	F	C	D
410501	SWC	F	F	F	F	F	F	F	D	F	F	F	F
410503	SWC	F	F	F	F	F	F	F	D	F	F	F	F
410510	SWC	D	D	D	D	D	D	D	D	D	D	D	D
410530	SWC	F	F	F	F	F	F	F	F	F	F	F	F
410535	SWC	F	B	F	B	F	F	F	F	F	F	C	F
410540	SWC	F	F	F	F	F	F	F	F	F	F	F	F
410548	SWC	F	F	F	F	F	F	F	F	F	F	F	F
410560	SWC	F	F	F	F	F	F	F	F	F	F	F	F
410570	SWC	F	C	D	D	D	F	F	C	F	F	C	C
410580	SWC	F	C	C	C	C	D	D	C	F	D	F	D
410581	SWC	F	F	F	F	F	F	F	F	F	F	F	F
410582	SWC	F	F	F	F	F	F	F	F	F	F	D	F
410583	SWC	F	F	F	F	F	F	F	C	F	F	F	F

Appendix 11-2. Water Quality Level of Service at the Subbasin Level for Sweetwater Creek Watershed													
Subbasin ID	Basin ID	BOD5	TSS	TKN	NO3 +NO2	TN	TP	TDP	Oil and Grease	Cd	Cu	Pb	Zn
410584	SWC	D	D	D	D	D	D	D	D	D	F	D	D
410585	SWC	D	C	D	C	D	D	D	D	D	D	D	D
410586	SWC	F	F	F	F	F	F	F	F	F	F	F	F
410590	SWC	F	B	C	B	C	D	D	C	F	D	B	C
410600	SWC	F	F	F	F	F	F	F	D	F	F	F	F
410607	SWC	D	B	C	B	C	B	B	B	C	C	B	B
410610	SWC	F	D	F	D	F	F	F	D	F	F	D	F
410620	SWC	D	C	C	C	C	C	C	C	C	C	C	C
410630	SWC	D	C	D	C	D	D	D	D	D	D	D	D
410631	SWC	F	C	C	F	D	F	D	C	C	F	C	F
410633	SWC	F	D	F	D	F	F	F	F	F	F	C	F
410635	SWC	F	F	F	F	F	F	D	D	F	F	C	F
410637	SWC	F	F	F	D	F	C	C	C	F	F	F	F
410639	SWC	F	B	F	A	F	F	F	F	F	F	C	F
410645	SWC	F	B	F	A	F	F	F	F	F	F	C	F
410650	SWC	D	C	C	C	C	D	D	C	D	C	C	C
410657	SWC	D	D	D	D	D	D	D	D	D	D	D	D
410660	SWC	F	B	D	B	C	B	B	C	F	F	B	B
410665	SWC	F	C	D	D	D	C	C	D	F	F	C	C
410670	SWC	F	D	D	D	D	D	D	D	D	D	D	D
410680	SWC	F	C	F	F	F	F	F	C	F	F	B	C
410682	SWC	F	F	D	D	D	D	D	C	F	F	F	F
410684	SWC	F	D	D	F	D	F	D	C	D	F	C	F
410800	SWC	F	D	D	D	D	D	D	D	D	D	D	D
410801	SWC	F	D	D	D	D	D	D	D	F	D	F	D
410810	SWC	D	C	D	C	D	C	C	C	C	C	C	C
410820	SWC	C	C	C	C	C	C	C	C	C	C	C	C
410830	SWC	D	D	D	D	D	D	D	D	D	D	D	D
410832	SWC	F	C	D	D	D	D	D	D	F	F	C	C
410840	SWC	D	D	D	D	D	D	D	D	D	D	D	D
410847	SWC	C	C	C	C	C	C	C	C	C	C	C	C
410850	SWC	D	C	C	C	C	C	C	C	F	C	F	C
410852	SWC	F	B	D	C	D	A	B	C	F	F	B	A
410854	SWC	F	C	D	C	D	C	C	C	F	F	C	C

Appendix 11-2. Water Quality Level of Service at the Subbasin Level for Sweetwater Creek Watershed													
Subbasin ID	Basin ID	BOD5	TSS	TKN	NO3 +NO2	TN	TP	TDP	Oil and Grease	Cd	Cu	Pb	Zn
410855	SWC	D	D	D	D	D	D	D	D	D	D	D	D
410856	SWC	D	C	D	C	D	C	C	C	F	D	C	C
410857	SWC	D	A	D	A	C	B	C	C	F	D	B	A
410858	SWC	F	A	D	A	C	A	B	C	C	B	A	A
410860	SWC	F	F	F	F	F	D	D	D	F	F	F	F
410865	SWC	F	F	F	F	F	D	D	B	F	F	F	F
410870	SWC	F	D	F	F	F	F	F	C	F	F	D	D
410880	SWC	F	F	F	F	F	D	F	C	F	F	F	F
410900	SWC	F	F	F	F	F	C	F	C	F	F	F	F
411010	SWC	F	F	D	D	D	D	D	D	F	D	F	F
411015	SWC	F	F	F	F	F	D	D	D	F	F	F	F
411020	SWC	F	F	F	F	F	F	D	D	F	F	F	F
411025	SWC	F	F	F	F	F	F	F	F	F	F	F	F
411040	SWC	F	D	D	F	F	F	F	D	D	F	C	F
411042	SWC	F	F	F	F	F	F	F	F	F	F	F	F
411044	SWC	F	B	D	C	D	F	F	C	F	D	B	B
411046	SWC	B	A	A	A	A	A	A	A	A	A	A	A
411048	SWC	F	C	D	D	D	F	F	D	F	D	C	C
411060	SWC	D	C	D	C	C	C	D	D	D	C	C	C
411065	SWC	C	B	C	B	C	C	C	D	D	C	C	C
411066	SWC	F	F	F	F	F	F	F	F	F	F	F	F
411070	SWC	D	B	C	B	C	B	B	B	C	B	D	B
411074	SWC	F	D	F	F	F	F	F	C	F	F	C	D
411075	SWC	F	D	D	D	D	D	D	D	F	F	D	D
411080	SWC	F	F	F	F	F	D	F	C	F	F	F	F
411085	SWC	F	F	F	F	F	D	F	D	F	F	F	F
411090	SWC	F	A	C	A	B	A	A	A	A	A	A	A
411110	SWC	F	F	D	F	D	D	D	D	F	F	F	F
411111	SWC	C	C	C	C	C	C	C	C	C	C	C	C
411115	SWC	F	D	C	C	C	C	C	C	F	D	F	D
411116	SWC	D	C	D	C	D	D	D	D	D	D	D	D
411120	SWC	F	D	C	C	C	C	C	C	F	D	F	F
411122	SWC	F	F	F	F	F	F	F	B	F	F	F	F
411125	SWC	D	D	D	D	D	D	D	D	D	D	D	D

Appendix 11-2. Water Quality Level of Service at the Subbasin Level for Sweetwater Creek Watershed													
Subbasin ID	Basin ID	BOD5	TSS	TKN	NO3 +NO2	TN	TP	TDP	Oil and Grease	Cd	Cu	Pb	Zn
411127	SWC	A	A	B	A	A	A	B	B	B	B	A	A
411130	SWC	F	F	F	F	F	D	F	D	F	F	F	F
411135	SWC	F	D	D	D	D	F	F	D	F	F	F	F
411138	SWC	F	F	F	F	F	F	F	F	F	F	F	F
411587	SWC	F	F	F	F	F	F	F	F	F	F	D	F
411589	SWC	F	F	F	F	F	F	F	F	F	F	F	F
411700	SWC	F	C	C	C	C	C	C	B	F	D	F	C
411710	SWC	F	F	F	F	F	D	D	C	F	F	F	F
411720	SWC	F	F	F	F	F	F	F	F	F	F	F	F
411730	SWC	F	F	F	F	F	D	D	C	F	F	F	F
411920	SWC	F	F	F	F	F	F	F	F	F	F	F	F
411945	SWC	F	F	F	F	F	F	F	F	F	F	F	F
411960	SWC	F	F	F	F	F	F	F	F	F	F	F	F
411970	SWC	F	F	F	F	F	F	F	D	D	F	C	F
411975	SWC	F	F	F	F	F	F	F	F	F	F	F	F
411981	SWC	F	F	F	F	F	F	F	F	F	F	F	F
411983	SWC	F	F	F	F	F	F	D	D	F	F	F	F
411986	SWC	F	F	F	F	F	C	F	D	F	F	F	F
411987	SWC	F	F	F	F	F	D	D	D	F	F	F	F
412940	SWC	F	F	F	F	F	F	F	F	F	F	D	F
412960	SWC	D	D	D	D	D	D	D	D	D	D	D	D
412980	SWC	F	F	F	F	F	F	F	F	F	F	D	F
412990	SWC	D	D	D	D	D	D	D	D	D	D	D	D
413900	SWC	F	C	F	D	F	D	F	D	F	D	C	C
413910	SWC	F	F	F	F	F	F	F	F	F	F	F	F
413911	SWC	F	F	F	F	F	F	F	F	F	F	D	F
413912	SWC	F	F	F	F	F	F	F	F	F	F	D	F
413913	SWC	F	F	F	F	F	F	F	F	F	F	F	F
413916	SWC	F	F	F	F	F	F	F	F	F	F	F	F
413917	SWC	F	F	F	F	F	F	F	F	F	F	F	F
413918	SWC	F	F	F	F	F	F	F	F	F	F	F	F
413930	SWC	F	F	F	F	F	F	F	F	F	F	D	F
413940	SWC	F	F	F	F	F	F	F	D	F	F	F	F
413944	SWC	F	F	F	F	F	F	F	F	F	F	F	F

Appendix 11-2. Water Quality Level of Service at the Subbasin Level for Sweetwater Creek Watershed													
Subbasin ID	Basin ID	BOD5	TSS	TKN	NO3 +NO2	TN	TP	TDP	Oil and Grease	Cd	Cu	Pb	Zn
413946	SWC	F	F	F	F	F	F	F	F	F	F	F	F
413960	SWC	F	F	F	F	F	F	F	C	F	F	F	F
413962	SWC	F	F	F	F	F	F	F	F	F	F	F	F
413964	SWC	F	F	F	F	F	F	F	F	F	F	F	F
413966	SWC	F	F	F	F	F	F	F	F	F	F	F	F
413968	SWC	F	F	F	F	F	F	F	F	F	F	F	F
413980	SWC	F	F	F	F	F	F	F	F	F	F	F	F
414050	SWC	F	C	F	D	F	B	B	F	C	C	B	F
414100	SWC	F	F	F	D	F	C	D	F	F	F	F	F
414150	SWC	F	F	F	F	F	F	F	F	F	F	F	F
414155	SWC	F	F	F	D	F	F	F	F	F	F	D	F
414205	SWC	F	F	F	D	F	F	F	F	F	F	D	F
414250	SWC	F	D	F	D	F	D	D	F	F	F	D	F
414300	SWC	F	F	F	C	F	D	D	F	F	F	F	F
414301	SWC	F	F	F	F	F	D	D	F	F	F	C	F
414343	SWC	F	B	D	B	D	A	B	C	C	C	A	B
414345	SWC	F	F	F	F	F	F	F	F	F	F	C	F
414350	SWC	F	D	F	F	F	F	F	D	D	F	C	F
414351	SWC	F	F	F	D	F	D	D	F	F	F	F	F
414354	SWC	F	F	F	F	F	F	F	F	F	F	D	F
414357	SWC	F	F	F	F	F	B	C	C	F	F	F	F
414359	SWC	F	F	F	F	F	F	F	D	F	F	F	F
414360	SWC	C	C	C	C	C	C	C	C	C	D	C	C
414362	SWC	F	C	F	D	F	F	F	F	F	F	C	F
414365	SWC	D	C	D	B	C	C	D	D	D	D	F	C
414366	SWC	F	F	F	F	F	D	D	F	F	F	F	F
414368	SWC	F	F	F	F	F	F	F	F	F	F	F	F
414450	SWC	F	F	F	F	F	F	F	F	F	F	F	F
414500	SWC	F	F	F	F	F	F	F	F	F	F	F	F
414510	SWC	F	F	F	F	F	F	F	F	F	F	F	F
414520	SWC	F	F	F	F	F	F	F	F	F	F	F	F
414530	SWC	F	F	F	F	F	F	F	F	F	F	F	F
414540	SWC	F	F	F	F	F	F	F	F	F	F	F	F
414560	SWC	F	F	F	F	F	F	F	F	F	F	F	F

Appendix 11-2. Water Quality Level of Service at the Subbasin Level for Sweetwater Creek Watershed													
Subbasin ID	Basin ID	BOD5	TSS	TKN	NO3 +NO2	TN	TP	TDP	Oil and Grease	Cd	Cu	Pb	Zn
414570	SWC	F	F	F	F	F	F	F	F	F	F	F	F
414580	SWC	F	F	F	F	F	F	F	F	F	F	D	F
414582	SWC	F	D	D	F	D	F	F	C	C	F	C	F
414590	SWC	F	F	F	F	F	F	F	F	F	F	D	F
414592	SWC	F	D	F	D	F	D	D	F	F	F	C	F
414600	SWC	F	F	F	F	F	F	F	F	F	F	F	F
414650	SWC	F	F	F	F	F	F	F	F	F	F	F	F
414660	SWC	F	F	F	F	F	F	F	F	F	F	F	F
414670	SWC	F	F	F	F	F	F	F	F	F	F	F	F
414680	SWC	F	F	F	F	F	F	F	F	F	F	F	F
414700	SWC	F	F	F	F	F	F	F	F	F	F	D	F
414710	SWC	F	F	F	F	F	F	F	D	F	F	F	F
414720	SWC	F	F	F	F	F	F	F	F	F	F	F	F
414760	SWC	F	F	F	F	F	D	F	D	F	F	F	F
414850	SWC	F	F	F	F	F	F	D	D	F	F	F	F
414855	SWC	F	F	F	F	F	F	F	F	F	F	D	F
414900	SWC	F	F	F	F	F	F	F	D	F	F	F	F
415150	SWC	F	F	F	F	F	F	F	F	F	F	F	F
415170	SWC	F	C	F	C	F	F	F	F	F	F	C	F
415185	SWC	F	B	F	A	F	F	F	F	F	F	C	D
415190	SWC	F	F	F	F	F	F	F	D	F	F	F	F
415195	SWC	F	F	F	F	F	F	F	F	F	F	D	F
415199	SWC	F	B	F	B	F	F	F	F	F	F	C	F
415200	SWC	F	F	F	F	F	D	D	D	F	F	F	F
415210	SWC	F	F	F	F	F	D	F	D	F	F	F	F
415270	SWC	F	D	F	F	F	F	F	C	F	F	C	D
415276	SWC	F	B	F	B	F	C	D	D	F	F	C	C
415277	SWC	F	B	F	B	F	C	D	D	F	F	C	C
415279	SWC	F	B	F	A	F	F	F	F	F	F	C	F
415280	SWC	F	F	F	F	F	F	F	C	F	F	F	F
415300	SWC	F	F	D	F	D	F	F	D	F	F	F	F
415304	SWC	D	D	D	D	D	D	D	D	D	D	D	D
415305	SWC	D	D	D	D	D	D	D	D	D	D	D	D
415306	SWC	D	D	D	D	D	D	D	D	D	D	D	D

Appendix 11-2. Water Quality Level of Service at the Subbasin Level for Sweetwater Creek Watershed													
Subbasin ID	Basin ID	BOD5	TSS	TKN	NO3 +NO2	TN	TP	TDP	Oil and Grease	Cd	Cu	Pb	Zn
415307	SWC	F	D	F	F	F	F	F	C	F	F	C	D
415309	SWC	D	D	D	D	D	D	D	D	D	D	D	D
415310	SWC	D	D	D	D	D	D	D	D	D	D	D	D
415311	SWC	F	F	F	F	F	F	F	F	F	F	F	F
415312	SWC	F	D	F	F	F	F	F	C	F	F	C	D
415320	SWC	F	F	F	F	F	F	F	F	F	F	D	F
415350	SWC	F	F	F	F	F	F	F	D	F	F	D	F
415400	SWC	F	F	F	F	F	F	F	F	F	F	F	F
415500	SWC	F	F	F	F	F	F	F	D	F	F	D	F
415505	SWC	F	F	F	F	F	F	F	D	F	F	D	F
415510	SWC	F	F	F	F	F	F	F	F	F	F	D	F
415515	SWC	F	F	F	F	F	F	F	F	F	F	F	F
415520	SWC	F	F	F	F	F	F	F	F	F	F	F	F
415530	SWC	F	F	F	F	F	F	F	F	F	F	D	F
415540	SWC	F	F	F	F	F	F	F	F	F	F	F	F
415545	SWC	F	F	F	F	F	F	F	F	F	F	F	F
415550	SWC	F	F	F	F	F	F	F	D	F	F	F	F
415600	SWC	F	F	F	F	F	F	F	D	F	F	D	F
419902	SWC	C	A	C	A	C	B	C	C	C	C	B	B
419910	SWC	F	D	F	D	F	C	C	C	F	F	F	D
419920	SWC	F	F	F	F	F	D	F	D	F	F	F	F
419922	SWC	D	C	D	C	D	D	D	D	D	D	D	C
419924	SWC	F	D	D	D	D	D	D	D	F	F	D	D
419926	SWC	F	C	D	D	D	C	C	C	F	F	C	C
419928	SWC	D	C	D	C	D	C	D	D	F	D	C	C
419929	SWC	D	D	D	D	D	D	D	D	D	D	D	D
419935	SWC	F	D	D	D	D	D	D	D	F	F	D	D
419942	SWC	F	D	D	D	D	C	D	D	F	F	D	C
419946	SWC	C	A	C	A	C	B	C	C	F	C	B	A
419950	SWC	A	A	B	A	A	A	B	B	B	B	A	A
419955	SWC	D	C	D	C	D	D	D	D	D	D	D	D
419960	SWC	C	B	C	A	C	C	C	D	D	C	C	B
419965	SWC	F	F	F	F	F	D	D	D	F	F	D	F
419970	SWC	F	F	F	F	F	F	F	D	F	F	F	F

Appendix 11-2. Water Quality Level of Service at the Subbasin Level for Sweetwater Creek Watershed													
Subbasin ID	**Basin ID**	**BOD5**	**TSS**	**TKN**	**NO3 +NO2**	**TN**	**TP**	**TDP**	**Oil and Grease**	**Cd**	**Cu**	**Pb**	**Zn**
419980	SWC	D	D	D	D	D	D	D	D	D	D	D	D

BOARD OF COUNTY COMMISSIONERS
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Florida

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Manus J. O' Donnell

Update of the Northwest Hillsborough County Watershed Management Plans CIP 48515

Presented by
Your Stormwater Management Section

December 15, 2005, 6:30 p.m. at Sickles High School

Project Manager:	**David Glicksberg, P.G.**
Project Design Engineer:	**Hamid Bojd, Ph.D., P.E.**
Meeting Secretary:	**Pate Lavacca**
Transportation Maintenance:	**Andy Morris (West Unit)**
Moderator:	**Martin Montalvo**

Introduction:

County staff will be presenting information relative to this project and receiving community input. In order to convey the information in an efficient manner and maximize the use of your time, it is respectfully requested that all questions and comments be held until the end of the presentation. Everyone will have a chance to be heard. We will gladly stay as late as it takes to answer your questions and hear all your comments. Please write down your comments as we go along. At the end of our presentation ample time will be available to answer any questions and receive comments and suggestions

This document, the meeting summary, provides a brief history of the project and what the goals of this meeting are. Included with this handout are two additional documents. These documents are the Glossary and List of Abbreviations and the Proposed Projects Comment Sheet. The Glossary and List of Abbreviations has been provided in order to define and alleviate any confusion that may be involved with the use of technical and scientific terms. If any term should arise that has not been listed within this document, please do not hesitate to ask us to clarify. The Proposed Project Comment Sheet allows you, the citizen, to provide feedback regarding the project that will be presented here this evening.

Project History:

Hillsborough County Stormwater Management Section had previously conducted watershed plans for each of the watersheds within the northwest portion of the county. These watersheds include Brooker Creek, Double Branch, Rocky / Brushy Creek, Sweetwater Creek and Lower Sweetwater Creek. This first generation of watershed plans focused primarily on flooding and stormwater conveyance. Since these first generation plans were completed in 2000, the County has made strides to incorporate both water quality and natural systems into the next generation of watershed plans. These new plans both account for the existing water quality conditions but also account for and inventory any natural areas within each watershed.

Funding Source:

This project is funded as part of the Capital Improvement Program (CIP). This funding is collected with your real estate taxes as a stormwater fee and transferred into the CIP fund. The total budget for this project is $356,000.00 with $150,000 from the Southwest Florida Water Management District.

Project Description:

This project will incorporate the previously completed engineering portions of the watershed plans for Brooker Creek, Double Branch, Rocky / Brushy Creek, Sweetwater Creek and Lower Sweetwater Creek with the existing water quality and natural systems data. These new unified plans will then use the information gathered to develop recommended projects within each of the watersheds to address any deficiencies that are identified.

Important County Phone Numbers:

Community Relations Coordinator:	(813) 272-5275
Planning and Growth Management:	(813) 272-5920
Public Works/Engineering Division:	(813) 272-5912
Transportation Maintenance: West Service Unit:	(813) 554-5006
Stormwater Management Section:	(813) 272-5912
SWFWMD (Brooksville HQ)	(800) 423-1476
SWFWMD (Tampa Regulatory Office)	(813) 985-7481
Water Resource Team:	(813) 301-7206

THANKS FOR HELPING US SERVE YOU BETTER
Your Stormwater Management Section

GLOSSARY AND LIST OF ABBREVIATIONS

Aquifer – An underground source of water that contains enough saturated, permeable material (usually sand or limestone) to allow water to flow through it

Basin - An area in which water collects and pools for an extended period of time during a rain event

Berm - An edge or shoulder running alongside a road, canal, etc.

Bloom - Generally refers to a sudden increase in algae or other micro-organisms due to favorable growth conditions, such as high level of nutrients or suitable temperature.

Box Culvert – A man made structure, typically box shaped and open on two ends, designed to convey stormwater runoff.

Canal – An artificial or natural waterway or improved channel designed for conveying stormwater runoff.

Catch Basin - Inlet structure that is usually built at the curb line of a street which permits surface water runoff to flow into a storm sewer while retaining grit and debris below the invert elevations of the storm sewer pipes.

CCMP - Comprehensive Conservation and Management Plan for Tampa Bay by the National Estuary Program

Closed basin - A water basin which has no outfall

Confining layer - Impervious or low permeability layers generally found above and below an aquifer, these are usually limestone or clay or a mixture of both

Control structure – A structure or device designed to control water elevation by allowing water to released for the system when a designed water elevation is achieved

Cross drain – A pipe running perpendicular beneath a road

Crown - The top end elevation of a pipe or road

Culvert - A strategically placed pipe used to direct water from one point to another

CWA - Clean Water Act (United States)

CWM - Comprehensive Watershed Management Plan; implemented by SWFWMD

DCW - Delaney Creek Watershed

DEP - Department of Environmental Protection (Florida)

Detention area – An area designed to retain water only for a certain level or time, in which provides temporary storage and water quality treatment, i.e. a swale, ditch or pond

Discharge – The volume of water that passes a given location within a given period of time. Usually expressed in cubic feet per second

Ditch - A long narrow excavation made in the ground for the purpose of drainage or irrigation; the sides of a ditch are generally steeper than a swale

DOM - Dissolved Organic Matter

DRI - Development of Regional Impact

Driveway culvert – Driveway culverts or pipes, are normally placed in an open drainage system to gain access to a residence or place of business. In accordance with Ordinance No. 84-05, the property owner is responsible for the repair and replacement of the pipe and the culvert. The county will clean the pipe and maintain flow.

Ecosystem - An inter-related group of plants and animals that are distinct

ELAPP – Environmental Lands Acquisition and Protection Program; a program within Hillsborough County to purchase and restore environmentally sensitive lands.

End treatment – A structure located at one or both ends of a pipe system to provide structural support and prevent erosion

EPA - Environmental Protection Agency of the United States

EPC - Environmental Protection Commission of Hillsborough County

Exotic Species - A plant or animal that does not naturally occur in Hillsborough County and is generally introduced by man either on purpose or inadvertently

FAC - Florida Administrative Codes

Fecal Coliform & Total Coliform - Total coliform are a collection of relatively harmless microorganisms that live in large numbers in the intestines of man and warm- and cold-blooded animals. They aid in the digestion of food. A specific subgroup of this collection is the fecal coliform bacteria, the most common member being *Escherichia coli* (*E. coli*). These organisms may be separated from the total coliform group by their ability to grow at elevated temperatures and are associated only with the fecal material of warm-blooded animals. The presence of fecal coliform bacteria in aquatic environments indicates that the water has been contaminated with the fecal material of man or other animals. At the time this occurred, the source water may have been contaminated by pathogens or disease producing bacteria or viruses which can also exist in fecal material.

FEMA- Federal Emergency Management Agency; an independent agency reporting to the President and tasked with responding to, planning for, recovering from and mitigating against disaster

Fragmentation - The carving up of an ecosystem into smaller pieces or fragments that usually can not provide all the advantages of the original larger system

GIS - Geographical Information Systems

Groundwater - Water, below the water table, that fills all the open areas of the underlying material

Headwall – A perpendicular end treatment for a stormwater pipe system

Herbaceous - A plant that contains no woody parts or a plant community that contains no woody trees or shrubs

Hydric soil - A soil that is saturated, flooded or ponded long enough during the growing season to develop conditions that favor the growth of wetland (hydrophytic) vegetation.

Hydrology - The study of the occurrence, distribution, and chemistry of all waters of the earth

Hydroperiod – The duration and time in which an area is inundate with water

Impervious - A material, such as concrete or asphalt, that does not allow water (or air or roots) to naturally penetrate into the soil

Inlet – Entry or collection point of water into a basin

Invert - The bottom end elevation of a pipe

Karst Geology - An area underlain by limestone which has dissolved to some degree and forms a depression, sinkhole or small basin

Lake - Relatively large bodies of natural or man-made standing water in which open water areas predominate over shallow vegetated areas.

Laterals - A pipe that extends from a main trunk line to carry stormwater from adjacent areas

LDC - Land Development Code for Hillsborough County

Listed Species - Plant or animal species that are designated (listed) as endangered, threatened or species of special concern by the federal and/or state government and therefore receive special protection under the law

Littoral Shelf - The ledge, usually in a lake, where the water level is shallow enough to allow the growth of either emergent or submerged plants

LOS - (Level of Service) The flood level designations contained within a Comprehensive Plan with A being the highest level and D being the lowest.

Level	HC Comprehensive Plan Definitions	Master Plan Interpretations
A	No significant street flooding	No flooding
B	No major residential yard flooding	Street flooding is 3" or more above the crown
C	No significant structure flooding	Site flooding is 6" or more
D	No limitation on flooding	Structure flooding

MFL - Minimum Flows and Levels

mg - Milligram or one-thousandth of a gram (1×10^{-4})

Mitigation area – Mitigation is an action or series of actions to offset the adverse impacts that would otherwise cause a regulated to fail to meet the criteria set forth in the Environmental Resource Permit. Mitigation consists of restoration, enhancement, creation, preservation, or a combination thereof of wetlands and upland plantings.

NEP - National Estuary Program of Tampa Bay

NGVD - National Geodetic Vertical Datum; a standardized method of measuring elevation

Non-point source pollution - Diffuse pollution that enters from multiple, rather than single sources and cannot be easily traced, such as acid rain or runoff from paved roads that carry oil and other pollutants

NPDES - National Pollutant Discharge Elimination System; A federal program for improving national water quality

Nuisance Species - Generally referring to plants; a plant that is native or naturally occurring in Hillsborough County but which is highly invasive or otherwise disruptive to natural communities

Nuisance Standing Water – Water that is less than 5 inches that may be an inconvenience to the property owner but not a threat to the property or person. This water may dissipate within 72 hours if the water table is not involved.

Open basin – A water basin which has one or more outfalls

Outfall – The place where a sewer, drain, or stream discharges; the outlet or structure through which reclaimed water or treated effluent is finally discharged to a receiving waterbody.

Percolation – The movement of water through the openings in rock or soil; the entrance of a portion of a stream flow into the channel materials to contribute to ground water replenishment

Permeability - The ability or rate at which water or other liquids can pass through something, such as water passing through various layers of soil

Point source discharge - Pollution originating from a specific area and usually discharged by an outfall pipe as from an industrial area or a stormwater drain from a roadside

Pop-off - a mechanism or device to release excess water from system after it has achieved a specified level or pressure, to pre-designed area or receiving body

Pond – Natural or man made bodies of water having defined boundaries and which can function to control, retain and convey stormwater runoff.

Receiving Body- The downstream waterbody that gets water from another contributing waterbody, i.e. Tampa Bay is the receiving body for the Hillsborough River

Retention area – An area designed to permanently contain stormwater, i.e. pond or lake

Roadside Ditch – A man-made conveyance to provide, during major/minor stormwater runoff events, temporary storage and conveyance of stormwater from associated roadway and adjacent properties.

SCS - United States Soil Conservation Service; now known as the Natural Resource Conservation Service (NRCS)

Seasonal High Groundwater Elevation -The elevation to which the groundwater can be expected to rise during a normal wet season.

Skimmer – A device that skims floating debris and oil from water before it discharges into the receiving water.

Storm Sewer – A collection of inlets, junction boxes and underground culverts or pipes that form a complete system to collect and convey water from several points to an outfall point.

Stormwater Runoff - Water that begins as rain or irrigation that flows over land; as a general rule as the water picks up nutrients, sediments and other chemical during this overland flow.

Swale – A low place in a tract of land; a valley like intersection of two slopes on a piece of land; the sides of swale are generally less steep than a ditch

SWIFTMUD or SWFWMD - Southwest Florida Water Management District; The state designated water management district responsible for regulating this regions water resources

TMDL - Total Maximum Daily Load, the sum of allowable discharges that can enter a water body or water shed area and includes point and non-point sources as well as a margin of safety.

Topography – The detailed mapping or charting of the features of an area (the lay of the land)

Tributaries – A stream contributing its flow to a larger stream or other body of water

TSI - Trophic State Index, a measure of water quality using total phosphorus concentration, chlorophyll concentration, nitrogen concentration and alternately Secchi Disk depth

TSS - Total suspended solids or the amount of particles in a unit of water

ug - Microgram or one millionth of a gram (1×10^{-6} gram)

USGS - United States Geological Service

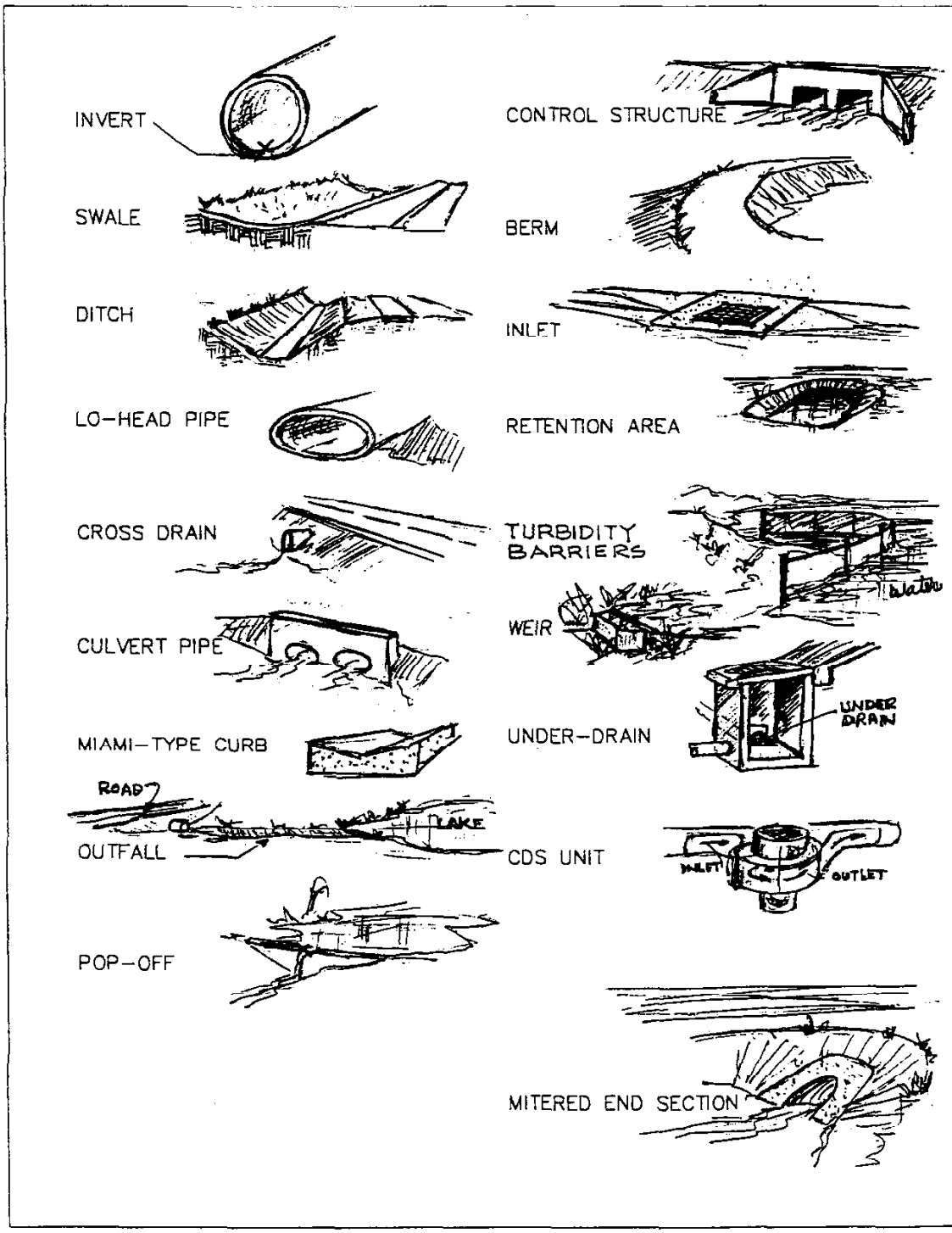
Water Control Structure – A man made device constructed of concrete, steel, earth, etc. Some have weir openings, skimmers, and small orifices for runoff or drain down. Others are much larger with a number of gates that open and close to control water flow.

Watershed – The land area that drains water to a particular stream, river, or lake.

Weir – A small dam in a river or stream; an obstruction placed across a stream to cause the water to pass through a particular opening

Wetland – Those areas that are inundated or saturated by surface water or ground water at a frequency and duration sufficient to support, and under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soils.

WQI - Water Quality Index; a system of summarizing water quality of a stream using the parameters of water clarity, dissolved oxygen, oxygen-demanding substances, bacteria, nutrients and biological diversity.


INVERT
SWALE
DITCH
LO-HEAD PIPE
CROSS DRAIN
CULVERT PIPE
MIAMI-TYPE CURB
ROAD
LAKE
OUTFALL
POP-OFF
CONTROL STRUCTURE
BERM
INLET
RETENTION AREA
TURBIDITY BARRIERS
WEIR
UNDER DRAIN
UNDER-DRAIN
INLET
OUTLET
CDS UNIT
MITERED END SECTION

PAT FRANK

Clerk of the Circuit Court
13th Judicial Circuit

RECEIVED

SEP 1 2006

BY: BSEW

RECEIVED
RCRA
SEP 01 2006
Hazardous Waste Regulation

MEMORANDUM

DATE: August 28, 2006

TO: Joe Incorvia, AICP Manager, Planning and Growth Management

FROM: Gail M. Letzring, Manager, BOCC Records

SUBJECT: Resolution - Designating Approximately 18.79 Acres as a Brownfield Area Located at the SW Corner of Intersection North Himes and West Waters Avenues at the Request of Honeywell International, Inc.

Attached is an executed copy of subject resolution, Resolution number R06-176, approved by the Board on August 22, 2006.

We are providing the copy to you for further handling.

bam
Attachment
cc: Board files (orig.)
Honeywell International, Inc. via Planning and Growth Management
Florida Department of Environmental Protection via Planning and Growth Management
Sandra Davidson, County Attorney's Office

RESOLUTION NO. R06-176

A RESOLUTION OF THE BOARD OF COUNTY COMMISSIONERS OF HILLSBOROUGH COUNTY, FLORIDA, MAKING FINDINGS; DESIGNATING AS A BROWNFIELD AREA WITHIN UNINCORPORATED HILLSBOROUGH COUNTY, FOR THE PURPOSE OF ENVIRONMENTAL REHABILITATION AND ECONOMIC DEVELOPMENT, PARCELS (FOLIO NUMBERS 25925.0000, 25923.5000, AND PORTIONS OF FOLIOS 25923.6000, 25923.4050, 25923.4020, AND 25923.4500), PROVIDING AN EFFECTIVE DATE.

Upon motion by Commissioner Castor, seconded by Commissioner Blair, the following Resolution was adopted by a vote of 6 to 0 Commissioner(s)_____ Voting "No;".

WHEREAS, the State of Florida has provided in Sections 376.77 – 376.85, Florida Statutes for the designation by resolution, at the request of the property owner, of one or more parcels as a "Brownfield Area", and for the corresponding provision of environmental remediation and economic development; and

WHEREAS, Honeywell International Inc. ("Honeywell") has requested designation as a Brownfield Area the parcels (Folio numbers 25925.0000, 25923.5000, and portions of Folio numbers 25923.6000, 25923.4050, 25923.4020, and 25923.4500) depicted in Exhibit A, attached hereto and incorporated herein by reference; and

WHEREAS, Hillsborough County has reviewed the requirements for Brownfield Area designation, as specified in Florida Statutes Section 376.80(2)(b), and has determined that the proposed area qualifies for designation as a Brownfield Area because the following requirements of Florida Statutes Section 376.80(2)(b) have been met:

1. Honeywell is the owner of some of the parcels proposed for designation, has received consent from those property owners whose property Honeywell does not own which are within the Brownfield Area to remediate those properties, and has agreed to rehabilitate and redevelop the Brownfield Area depicted in Exhibit A.
2. The rehabilitation and redevelopment of the proposed Brownfield Area will result in economic production in the area and the creation of at least 5 new permanent jobs at the Brownfield Area which are full-time equivalent positions.
3. The redevelopment of the proposed Brownfield Area is consistent with the Hillsborough County Comprehensive Plan and is a permittable use under Hillsborough County's land development regulations.
4. Proper notice of the proposed rehabilitation of the Brownfield Area has been provided to neighbors and nearby residents and Honeywell has provided those receiving notice the opportunity to provide comments and suggestions about rehabilitation.
5. Honeywell has provided reasonable assurances that they have sufficient financial

resources to implement and complete a rehabilitation agreement and redevelopment plan.

WHEREAS, Hillsborough County wishes to notify the Florida Department of Environmental Protection of its decision to designate a Brownfield Area for rehabilitation for purposes of Florida Statutes Sections 376.77-376.85; and

WHEREAS, the procedures set forth in Florida Statutes Section 125.66 have been followed, and proper notice has been provided in accordance with Florida Statutes Sections 376.80(1) and 125.66(4)(b)2.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSONERS OF HILLSBOROUGH COUNTY, FLORIDA AT A PUBLIC METING HELD THIS 22ND DAY OF August, 2006.

1. That the Board of County Commissioners of Hillsborough County finds the preamble hereof to be true and correct.
2. The area depicted on Exhibit A, attached hereto and incorporated herein by reference, is hereby designated as a Brownfield Area for rehabilitation for the purposes of Florida Statutes Sections 376.77-376.85.
3. That the Resolution shall become effective immediately upon adoption.

STATE OF FLORIDA)
COUNTY OF HILLSBOROUGH)

I, PAT FRANK, Clerk of the Circuit Court and Ex Officio Clerk of the Board of County Commissioners of Hillsborough County, Florida, do hereby certify that the above and foregoing resolution is a true and correct copy of a Resolution adopted by the Board of County Commissioners of Hillsborough County, Florida in its regular session of August 22, 2006 as the same appears of record in Minute Book 363 of the Public Records of Hillsborough County, Florida.

WITNESS my hand and official seal this 28th day of August, 2006.

PAT FRANK
CLERK OF THE CIRCUIT COURT

By: Beverly Anne Miller
Deputy Clerk

BOARD OF COUNTY COMMISSIONERS HILLSBOROUGH COUNTY FLORIDA SEAL

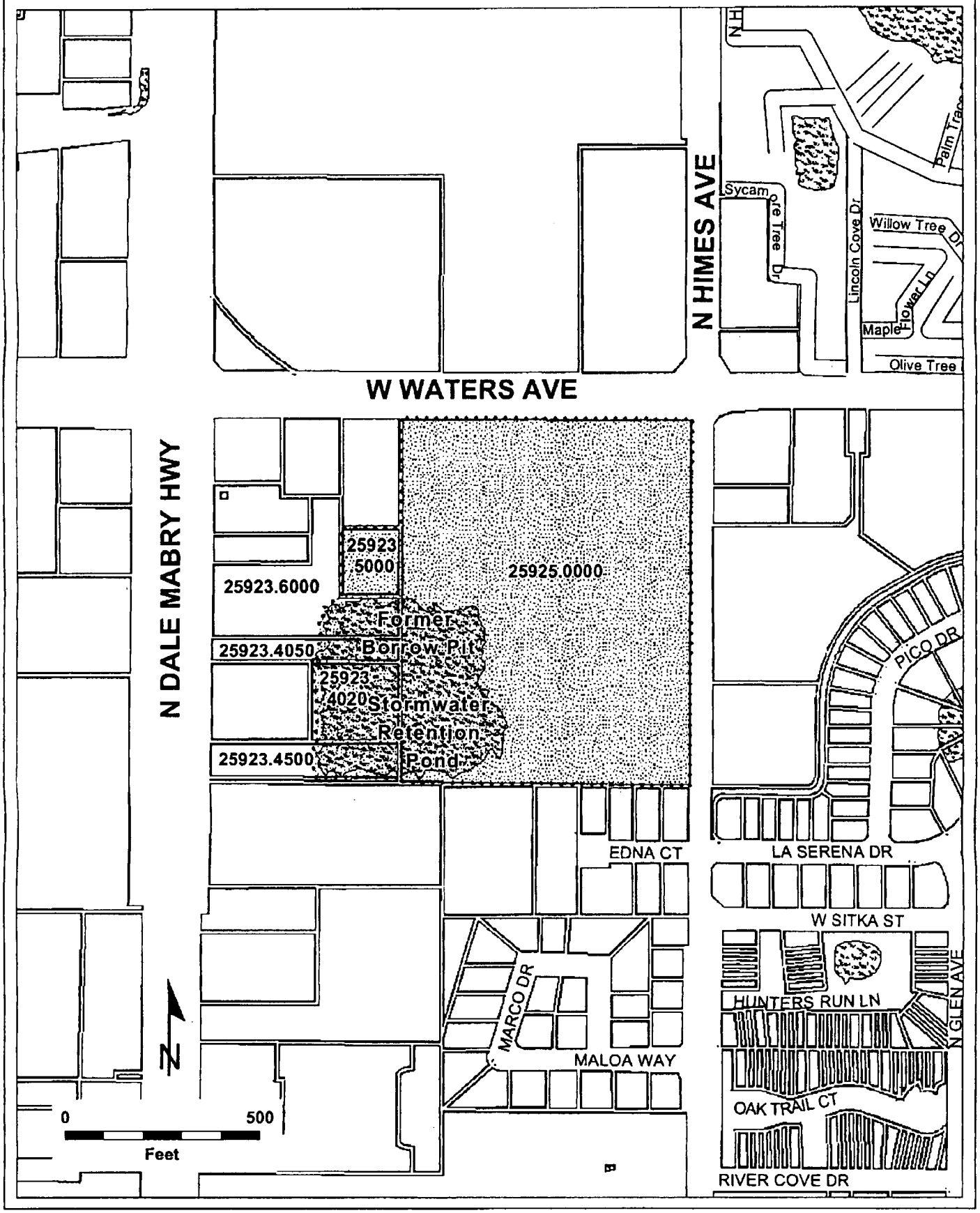
Approved as to form
and legal sufficiency:

COUNTY ATTORNEY

#05-002064 Doc. # 64827480

EXHIBIT A

Parcel Map - Waters Center Brownfield Proposal



Investigate Pollution Topics

TOXICS
- Toxic Chemical Releases
- Lead Hazards
- Superfund

AIR
- Smog and Particulates
- Hazardous Air Pollutants

WATER
- Clean Water Act
- Watershed Indicators

AGRICULTURE
- Animal Waste

ENVIRONMENTAL JUSTICE
- Community Center
- En Español

HEALTH HAZARDS
- Chemical Profiles
- Health Effects
- Regulations

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SEARCH SCORECARD
GO

Site Name: SOUTHERN SOLVENTS, INC.
EPA ID: FL0001209840

Conditions at Proposal (May 11, 2000): Southern Solvents, Inc. is located at 4109 West Linebaugh Avenue in Tampa, Hillsborough County, Florida. From 1977 until 1985, Southern Solvents served as a distribution and retail point for TETRACHLOROETHYLENE, also known as PERCHLOROETHYLENE or PCE. TETRACHLOROETHYLENE was stored in four aboveground storage tanks at the facility for distribution to dry cleaners in the area. After 1985, the facility property was leased to P.J.'s Spa until 1989 and is currently leased to AAA Diversified Services, which specializes in commercial painting. The site is being proposed to the NPL because elevated concentrations of TETRACHLOROETHYLENE attributable to the former operations have been detected in ground water and nearby private drinking water wells. The property is approximately 100 feet wide and 185 feet deep. A one-story metal warehouse is the only building on the property. During former solvent distribution operations, the aboveground storage tanks stood on a concrete pad on the north end of the building. One former tank had a total capacity of 3,000 gallons. The size of the other three tanks is unknown. The aboveground storage tanks were individually filled from tanker trucks that brought the product to the facility. Several leaks and spills of tetrachloroethylene occurred while the tanks were being filled and emptied. The spilled tetrachloroethylene was not contained and migrated from the concrete pad into the adjacent sandy soil. In 1988 and 1989, the Florida Department of Health and Rehabilitative Services sampled the facility's drinking water well and several adjacent private drinking water wells. Elevated levels of tetrachloroethylene and the related compounds trichloroethylene and 1,2-dichloroethane were measured in the facility's well and four other wells. The Florida Department of Health and Rehabilitative Services immediately advised people to discontinue using water from these wells and provided bottled water to the property owners and tenants for drinking, cooking, and bathing. Additional investigations in 1989, 1994, and 1998-1999 also detected high levels of tetrachloroethylene in soil and ground water. During the 1998-1999 investigation, EPA detected high concentrations of tetrachloroethylene in the soil (in excess of 10,000 mg/kg) and in ground water samples from both the surficial and Floridan aquifers underlying the facility and adjacent properties. The Florida Cites Water Department and the Northwest Hillsborough County Utilities maintain four municipal wells that draw water from the Floridan aquifer within 4 miles of the facility. These wells supply water to over 46,000 people in St. Petersburg, Hillsborough County, and the surrounding community. Several private and community wells serving approximately 700 people also draw water from the Floridan aquifer within 4 miles of the facility. Status (July 2000): EPA is considering various alternatives for this site.